

## IDM Registration form

Auto ID  ID used in the IDM

Name of the IDM

Controls Engineering

### Description

Controls engineering deals with the overall process of planning, designing, installing, commissioning, operating and maintaining HVAC controls and automation systems for building projects.

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                                     |                             |                          |
|--|-------------------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input checked="" type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/>            | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/>            | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/>            | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/>            | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/>            |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

nn@aec3.com

Auto ID

2

ID used in the IDM

Name of the IDM

Cost Modelling

#### Description

Cost modelling is a process that attempts to bring design and price together. It has the objective of controlling costs, not just to measure them. Cost modelling therefore is defined to be the assessment and control of cost prior to the availability of kn

Owner

Project Manager

Project Manager E-mail

IDM Status

Work in progress

URL

<http://idm.buildingsmart.no/confluence/display/IDM/Cost+Modelling>

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

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Who is the Initiator of the IDM?

Selvagg

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements

1 Concepts of needs

2 Outline feasibility

3 Substantive feasibility

4 Outline conceptual design

5 Full conceptual design

6 Coordinated design (and procurement)

7 Production information

8 Construction

9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: steen.sunesen@b

Auto ID  ID used in the IDM

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Electrical Engineering

**Description**

Electrical engineering deals with the overall process of planning, designing, installing, commissioning, operating and maintaining electrical power systems for building projects. It deals with low voltage electrical installations from 12V (AC/DC) to 1000V

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

- |                  |                          |                |                          |                       |                          |
|------------------|--------------------------|----------------|--------------------------|-----------------------|--------------------------|
| Interaction Maps | <input type="checkbox"/> | Process Maps   | <input type="checkbox"/> | Exchange requirements | <input type="checkbox"/> |
| Functional parts | <input type="checkbox"/> | Business rules | <input type="checkbox"/> | Validation test       | <input type="checkbox"/> |

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

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Statsbygg

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| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

steen.sunesen@b

Auto ID

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Energy Analysis

Description

Energy analysis is concerned with predicting the use and cost of energy use and cost within buildings. It takes into account as input data:

Owner

Project Manager

Project Manager E-mail

IDM Status

Work in progress

URL

<http://idm.buildingsmart.no/confluence/display/IDM/Energy+Analysis>

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

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| 4 Outline conceptual design            | <input type="checkbox"/>            | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/>            | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/>            | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/>            |                             |                          |

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| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: steen.sunesen@b

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Facilities Management

#### Description

Facilities Management comprises many processes. For present purposes, this document is concerned with the maintenance aspect of facilities management and outlines the following processes:-

Owner

Project Manager

Project Manager E-mail

IDM Status

URL <http://idm.buildingsmart.no/confluence/display/IDM/Facilities+Managem+ent>

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

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Functional parts

Business rules

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10 Disposal

In which roles will the IDM be used?

Design architect

Engineering companies

Contractors

Clients

Operators

Facility Manager

Manufacturer

Quantity surveyor



Comment

E-mail bS IDM Contact person: steen.sunesen@b

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Name of the IDM

HVAC Engineering

#### Description

HVAC engineering deals with the overall process of planning, designing, installing, commissioning, operating and maintaining heating, ventilating and air conditioning (HVAC) systems for building projects.

Owner

Project Manager

Project Manager E-mail

IDM Status

URL <http://idm.buildingsmart.no/confluence/display/IDM/HVAC+Engineering>

IDM available in English

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Accessible

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| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

steen.sunesen@b

Auto ID

ID used in the IDM

Name of the IDM

Piping Engineering

## Description

HVAC engineering deals with the overall process of planning, designing, installing, commissioning, operating and maintaining heating, ventilating and air conditioning (HVAC) systems for building projects.

Owner

Project Manager

Project Manager E-mail

IDM Status

Work in progress

URL

<http://idm.buildingsmart.no/confluence/display/IDM/Piping+Engineering>

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

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| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: steen.sunesen@b

Auto ID  ID used in the IDM

Name of the IDM

Structural Engineering

Description

Structural Engineering deals with the overall process of planning, designing, installing, commissioning, operating and maintaining structural engineering systems for building projects.

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

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Statsbygg

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements

1 Concepts of needs

2 Outline feasibility

3 Substantive feasibility

4 Outline conceptual design

5 Full conceptual design

6 Coordinated design (and procurement)

7 Production information

8 Construction

9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect

Engineering companies

Contractors

Clients

Operators

Facility Manager

Manufacturer

Quantity surveyor

Comment

E-mail bS IDM Contact person:

steen.sunesen@b

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?  
Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

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|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

steen.sunesen@b

Auto ID

11

ID used in the IDM

GSA-005

Name of the IDM

Concept Design BIM 2010

Description

Composite MVD that includes all of the following. GSA 001, GSA 002, BSA002, BSA001

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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Interaction Maps  Process Maps  Exchange requirements

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Name of the MVD if any

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What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



- |              |                          |                   |                          |
|--------------|--------------------------|-------------------|--------------------------|
| Contractors  | <input type="checkbox"/> | Clients           | <input type="checkbox"/> |
| Operators    | <input type="checkbox"/> | Facility Manager  | <input type="checkbox"/> |
| Manufacturer | <input type="checkbox"/> | Quantity surveyor | <input type="checkbox"/> |

Comment

Developed as a view

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

IDM for BuildingProgramming

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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Who is the Initiator of the IDM?

Statsbygg, Nosyko

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- |  |                                     |                             |                                     |
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| 4 Outline conceptual design            | <input type="checkbox"/>            | 5 Full conceptual design    | <input type="checkbox"/>            |
| 6 Coordinated design (and procurement) | <input type="checkbox"/>            | 7 Production information    | <input type="checkbox"/>            |
| 8 Construction                         | <input type="checkbox"/>            | 9 Operation and maintenance | <input type="checkbox"/>            |
| 10 Disposal                            | <input type="checkbox"/>            |                             |                                     |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

steen.sunesen@b

Auto ID

13

ID used in the IDM

Name of the IDM

FM\_handover

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

Work in progress

URL

<http://buildingsmart-tech.org/specifications/ifc-view-definition/fm-handover-aquarium>

IDM available in English

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Accessible

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| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

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| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: steen.sunesen@b

Auto ID  ID used in the IDM

Name of the IDM

Nordic\_energy

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

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In which roles will the IDM be used?

Design architect

Engineering companies

Contractors

Clients

Operators

Facility Manager

Manufacturer

Quantity surveyor

Comment

E-mail bS IDM Contact person:

steen.sunesen@b

Auto ID  ID used in the IDM

Name of the IDM

Georeferencing

Description

The georeferencing IDM is limited to support the process of georeferencing a site and its buildings during the design and planning phase in Norway

Owner

Project Manager

Project Manager E-mail

IDM Status

URL <http://iug.buildingsmart.com/idms/information-delivery-manuals/idm-for-geographical-referencing>

IDM available in English

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Who is the Initiator of the IDM?

buildingSMART Norway

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Comment

E-mail bS IDM Contact person:

steen.sunesen@b

Auto ID

16

ID used in the IDM

DK-GOV-Area

Name of the IDM

Area information from project to FM

Description

Owner

The Palace and Properties Agency in Denmark

Project Manager

Stig Brinck

Project Manager E-mail

sbr@niras.dk

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  Clients   
Operators  Facility Manager   
Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person: jan.karlshoej@gra

Auto ID  ID used in the IDM

Name of the IDM

IDM between architectural design and free-form structure in Super-tall ♂ Buildings

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Development Team of Open BIM Information Environment Technology for Super-tall Buildings under Super-tall Buildings Research and Business Development Center

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

glee@yonsei.ac.kr

Auto ID

18

ID used in the IDM

Name of the IDM

IDM of energy analysis simulation based on free-form shape

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

Work in progress

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Development Team of Open BIM Information Environment Technology for Super-tall Buildings under Super-tall Buildings Research and Business Development Center

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:                      glee@yonsei.ac.kr

Auto ID                                            ID used in the IDM                     

Name of the IDM

IDM of architectural evacuation and vertical circulation

Description

Owner

Project Manager

Project Manager E-mail

IDM Status                     

URL                     

IDM available in English                     

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Development Team of Open BIM Information Environment Technology for Super-tall Buildings under Super-tall Buildings Research and Business Development Center

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements

1 Concepts of needs

2 Outline feasibility

3 Substantive feasibility

4 Outline conceptual design

5 Full conceptual design

6 Coordinated design (and procurement)

7 Production information

8 Construction

9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect

Engineering companies

Contractors

Clients

Operators

Facility Manager

Manufacturer

Quantity surveyor

Comment

E-mail bS IDM Contact person:

glee@yonsei.ac.kr

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

GSA Public Services

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

001/002?

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

26

ID used in the IDM

CRC\_CI-003

Name of the IDM

Architectural design to landscape design

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

CRC for construction innovation

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  Clients   
Operators  Facility Manager   
Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Architectural design to quantity take-off - level 1

#### Description

The basic idea behind this view is that architects (and other designers) provide design object quantities (e.g. gross area of a wall), which can be used as 'raw material' for creating production quantities.

Owner

Jiri Hietanen

Project Manager

Project Manager E-mail

IDM Status

URL [http://www.blis-project.org/IAI-MVD/reporting/listMVDs\\_4.php?SRT=Name&MVD=](http://www.blis-project.org/IAI-MVD/reporting/listMVDs_4.php?SRT=Name&MVD=)

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Virtual Building Laboratory @ TUT

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

28

ID used in the IDM

GSC-002

Name of the IDM

Architectural design to quantity take-off - level 2

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

Stopped

URL

[http://www.blis-project.org/IAI-MVD/reporting/listMVDs\\_1.php?SRT=Name&MVD=](http://www.blis-project.org/IAI-MVD/reporting/listMVDs_1.php?SRT=Name&MVD=)

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

IAI German Speaking Chapter

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Architectural design to quantity take-off - level 3

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL [http://www.blis-project.org/IAI-MVD/reporting/listMVDs\\_4.php?SRT=Name&MVD=](http://www.blis-project.org/IAI-MVD/reporting/listMVDs_4.php?SRT=Name&MVD=)

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Virtual Building Laboratory @ TUT

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies

Contractors  Clients

Operators  Facility Manager

Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?  
Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

US General Services Administration

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

31

ID used in the IDM

VBL-002

Name of the IDM

Architectural design to structural design

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Virtual Building Laboratory @ TUT

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



- |              |                          |                   |                          |
|--------------|--------------------------|-------------------|--------------------------|
| Contractors  | <input type="checkbox"/> | Clients           | <input type="checkbox"/> |
| Operators    | <input type="checkbox"/> | Facility Manager  | <input type="checkbox"/> |
| Manufacturer | <input type="checkbox"/> | Quantity surveyor | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Architectural design to thermal simulation

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL [http://www.blis-project.org/IAI-MVD/reporting/listMVDs\\_4.php?SRT=Name&MVD=](http://www.blis-project.org/IAI-MVD/reporting/listMVDs_4.php?SRT=Name&MVD=)

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Virtual Building Laboratory @ TUT

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

33

ID used in the IDM

BSI-001

Name of the IDM

Architectural Programming to Architectural Design

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

Draft

URL

[http://www.blis-project.org/IAI-MVD/reporting/listMVDs\\_1.php?SPT=Name&MVD=](http://www.blis-project.org/IAI-MVD/reporting/listMVDs_1.php?SPT=Name&MVD=)

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

buildingSMART International

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Basic HandOver to Facility Management

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

IAI German Speaking Chapter

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements

1 Concepts of needs

2 Outline feasibility

3 Substantive feasibility

4 Outline conceptual design

5 Full conceptual design

6 Coordinated design (and procurement)

7 Production information

8 Construction

9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect

Engineering companies

Contractors

Clients

Operators

Facility Manager

Manufacturer

Quantity surveyor

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?  
Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

International Code Council

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

36

ID used in the IDM

BSA-002

Name of the IDM

Design to Energy Performance Analysis

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



- |              |                          |                   |                          |
|--------------|--------------------------|-------------------|--------------------------|
| Contractors  | <input type="checkbox"/> | Clients           | <input type="checkbox"/> |
| Operators    | <input type="checkbox"/> | Facility Manager  | <input type="checkbox"/> |
| Manufacturer | <input type="checkbox"/> | Quantity surveyor | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Design to Quantity Takeoff

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL [http://www.blis-project.org/IAI-MVD/reporting/listMVDs\\_4.php?SRT-Name&MVD=](http://www.blis-project.org/IAI-MVD/reporting/listMVDs_4.php?SRT-Name&MVD=)

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

buildingSMART alliance North America

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

38

ID used in the IDM

ISG-001

Name of the IDM

Extended coordination view

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

Idea

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

IAI Implementers Support Group

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Extensibility

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Virtual Building Laboratory @ TUT

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies

Contractors  Clients

Operators  Facility Manager

Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

HVAC-laboratory @ Helsinki University of Technology

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

41

ID used in the IDM

CRC\_CI-002

Name of the IDM

Landscape design to road design

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

CRC for construction innovation

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



- |              |                          |                   |                          |
|--------------|--------------------------|-------------------|--------------------------|
| Contractors  | <input type="checkbox"/> | Clients           | <input type="checkbox"/> |
| Operators    | <input type="checkbox"/> | Facility Manager  | <input type="checkbox"/> |
| Manufacturer | <input type="checkbox"/> | Quantity surveyor | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Precast Concrete Exchanges

Description

Owner

Precast Concrete Institute, Chuck Eastman

Project Manager

Chuck Eastman

Project Manager E-mail

charles.eastman@coa.gatech.edu

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Precast Concrete Institute

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

43

ID used in the IDM

CRC\_CI-001

Name of the IDM

Road design to landscape design

Description

Owner

CRC for construction innovation, Robin Drogemuller

Project Manager

Project Manager E-mail

IDM Status

Idea

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

CRC for construction innovation

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Space Requirements and Targets to Thermal Simulation

Description

Owner

HVAC-laboratory at Helsinki University of Technology, Mika Vuolle

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

HVAC-laboratory @ Helsinki University of Technology

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Virtual Building Laboratory @ TUT

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

46

ID used in the IDM

ATC-001

Name of the IDM

Structural Design to Structural Detailing (ATC-75)

Description

Owner

Applied Technology Council, Thomas Liebich

Project Manager

Thomas McLane

Project Manager E-mail

tmclane@atcouncil.org

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  Clients   
Operators  Facility Manager   
Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Information Delivery Manual on Energy Retrofitting

Description

Owner

Technical University of Denmark

Project Manager

Rune Andersen

Project Manager E-mail

rune.j.a@hotmail.com

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

ArchiCAD, WinDesign (developed at the Technical University of Denmark)

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Student project

Who is the Initiator of the IDM?

Technical University of Denmark

What is the Scope of the IDM?

IDM for energy retrofitting by the three specific applications; ArchiCAD, WinDesign, and Visualizer.

In which of the processes from ISO 22263 can the IDM be used?

- |  |                                     |                             |                          |
|--|-------------------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/>            | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input checked="" type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/>            | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/>            | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/>            | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/>            |                             |                          |

In which roles will the IDM be used?

- |                  |                                     |                       |                                     |
|------------------|-------------------------------------|-----------------------|-------------------------------------|
| Design architect | <input checked="" type="checkbox"/> | Engineering companies | <input checked="" type="checkbox"/> |
| Contractors      | <input type="checkbox"/>            | Clients               | <input type="checkbox"/>            |
| Operators        | <input type="checkbox"/>            | Facility Manager      | <input type="checkbox"/>            |
| Manufacturer     | <input type="checkbox"/>            | Quantity surveyor     | <input type="checkbox"/>            |

Comment

E-mail bS IDM Contact person:

jan.karlshoej@gra

Auto ID

49

ID used in the IDM

KO\_MLTM\_001\_ARC

Name of the IDM

IDM between architectural design and architectural design activities

Description

Owner

Ministry of Land, Transport, and Maritime Affairs (MLTM), South Korea

Project Manager

Ghang Lee, Yonsei University

Project Manager E-mail

glee@yonsei.ac.kr

IDM Status

Work in progress

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Private

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

National

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: glee@yonsei.ac.kr

Auto ID  ID used in the IDM

Name of the IDM

IDM between architectural design and cost-estimation activities

Description

Owner

Ministry of Land, Transport, and Maritime Affairs (MLTM), South Korea

Project Manager

Ghang Lee, Yonsei University

Project Manager E-mail

glee@yonsei.ac.kr

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies

Contractors  Clients

Operators  Facility Manager

Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person: glee@yonsei.ac.kr

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?  
Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

National

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

glee@yonsei.ac.kr

Auto ID

52

ID used in the IDM

KO\_MLTM\_004\_MEP

Name of the IDM

IDM between architectural design and MEP design activities

Description

Owner

Ministry of Land, Transport, and Maritime Affairs (MLTM), South Korea

Project Manager

Ghang Lee, Yonsei University

Project Manager E-mail

glee@yonsei.ac.kr

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

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Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

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What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  
Operators  
Manufacturer

Clients  
 Facility Manager  
 Quantity surveyor

Comment

E-mail bS IDM Contact person: glee@yonsei.ac.kr

Auto ID

ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

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What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

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| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

glee@yonsei.ac.kr

Auto ID

60

ID used in the IDM

Name of the IDM

CIS/2 interface

Description

????

Owner

AISC

Project Manager

Chuck Eastman

Project Manager E-mail

charles.eastman@coa.gatech.edu

IDM Status

URL

?????

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

????

Is the IDM supported by software?

Which software product?

????

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

AISC????

What is the Scope of the IDM?

????

In which of the processes from ISO 22263 can the IDM be used?

- |  |                                     |                             |                                     |
|--|-------------------------------------|-----------------------------|-------------------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/>            | 1 Concepts of needs         | <input type="checkbox"/>            |
| 2 Outline feasibility                  | <input type="checkbox"/>            | 3 Substantive feasibility   | <input type="checkbox"/>            |
| 4 Outline conceptual design            | <input type="checkbox"/>            | 5 Full conceptual design    | <input checked="" type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input checked="" type="checkbox"/> | 7 Production information    | <input type="checkbox"/>            |
| 8 Construction                         | <input checked="" type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/>            |
| 10 Disposal                            | <input type="checkbox"/>            |                             |                                     |

In which roles will the IDM be used?

- |                  |                                     |                       |                                     |
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| Contractors      | <input checked="" type="checkbox"/> | Clients               | <input type="checkbox"/>            |
| Operators        | <input type="checkbox"/>            | Facility Manager      | <input type="checkbox"/>            |
| Manufacturer     | <input type="checkbox"/>            | Quantity surveyor     | <input type="checkbox"/>            |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

61

ID used in the IDM

COBIE

Name of the IDM

North American Construction Operations Building Information Exchange Information Exchange (COBIE) standard

Description

Requirement for COBIE were facility Operations, Maintenance, and Asset Management personnel in conjunction with construction contractors.

Owner

Project Manager

Bill East

Project Manager E-mail

Bill.W.East@usace.army.mil

IDM Status

Approved

URL

<http://idm.buildingsmart.no/confluence/display/IDM/COBIE+Project>

IDM available in English



Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

National Aeronautics and Space Administration and White House Office of Science and Technology Policy.

What is the Scope of the IDM?

COBIE contains information describing the operations, maintenance, and assets in capital facilities. The authoritative sources for this information include designers, builders, installers, and manufacturers.

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                                     |
|--|--------------------------|-----------------------------|-------------------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/>            |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/>            |
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| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/>            |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input checked="" type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                                     |

In which roles will the IDM be used?

- |                  |                                     |                       |                                     |
|------------------|-------------------------------------|-----------------------|-------------------------------------|
| Design architect | <input type="checkbox"/>            | Engineering companies | <input checked="" type="checkbox"/> |
| Contractors      | <input checked="" type="checkbox"/> | Clients               | <input checked="" type="checkbox"/> |
| Operators        | <input checked="" type="checkbox"/> | Facility Manager      | <input checked="" type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/>            | Quantity surveyor     | <input type="checkbox"/>            |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Architectural Design to Building Energy Analysis

Description

Architectural building information model can be used as basis for energy simulation. Only the relevant subset of the architectural model is exchanged.

Owner

US General Services Administration

Project Manager

Richard See

Project Manager E-mail

richsee@digitalalchemypro.com

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Architectural Design to Building Energy Analysis

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Public organisation

Who is the Initiator of the IDM?

US Government Services Administration

What is the Scope of the IDM?

Site context, Building energy budget, Thermal Zones and information about target conditions, Space information for energy analysis ,Building elements thermal performance, Photovoltaic arrays

In which of the processes from ISO 22263 can the IDM be used?

- |  |                                     |                             |                                     |
|--|-------------------------------------|-----------------------------|-------------------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/>            | 1 Concepts of needs         | <input type="checkbox"/>            |
| 2 Outline feasibility                  | <input checked="" type="checkbox"/> | 3 Substantive feasibility   | <input checked="" type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/>            | 5 Full conceptual design    | <input type="checkbox"/>            |
| 6 Coordinated design (and procurement) | <input type="checkbox"/>            | 7 Production information    | <input type="checkbox"/>            |
| 8 Construction                         | <input type="checkbox"/>            | 9 Operation and maintenance | <input type="checkbox"/>            |
| 10 Disposal                            | <input type="checkbox"/>            |                             |                                     |

In which roles will the IDM be used?

- |                  |                                     |                       |                                     |
|------------------|-------------------------------------|-----------------------|-------------------------------------|
| Design architect | <input checked="" type="checkbox"/> | Engineering companies | <input checked="" type="checkbox"/> |
| Contractors      | <input type="checkbox"/>            | Clients               | <input type="checkbox"/>            |
| Operators        | <input type="checkbox"/>            | Facility Manager      | <input type="checkbox"/>            |
| Manufacturer     | <input type="checkbox"/>            | Quantity surveyor     | <input type="checkbox"/>            |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

63

ID used in the IDM

GSA-006

Name of the IDM

Early Concept Design to Analysis

Description

????

Owner

US General Services Administration

Project Manager

Peggy Ho

Project Manager E-mail

peggy.ho@gsa.gov

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

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Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  Clients   
Operators  Facility Manager   
Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Architectural Design to Quantity Takeoff for Cost Estimating

**Description**

This view defines the subset of the data created in architectural design software, which is useful for quantity take-off purposes.

Owner

US General Services Administration

Project Manager

Richard See

Project Manager E-mail

richsee@digitalalchemypro.com

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

http://www.blis-project.org/IAI-MVD/

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Public organisation

Who is the Initiator of the IDM?

US General Services Administration

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
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| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                                     |                       |                          |
|------------------|-------------------------------------|-----------------------|--------------------------|
| Design architect | <input checked="" type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/>            | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/>            | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/>            | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

65

ID used in the IDM

NOW-001

Name of the IDM

Nordic Energy Analysis

Description

NOW-001 is a subset of the Concept Design BIM

Owner

Statsbygg and Senate Properties

Project Manager

Jiri Hietanen

Project Manager E-mail

jiri.hietanen@datacubist.com

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

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Who is the Initiator of the IDM?

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- |  |                          |                             |                                     |
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| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/>            |
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In which roles will the IDM be used?

- |                  |                                     |                       |                                     |
|------------------|-------------------------------------|-----------------------|-------------------------------------|
| Design architect | <input checked="" type="checkbox"/> | Engineering companies | <input checked="" type="checkbox"/> |
| Contractors      | <input type="checkbox"/>            | Clients               | <input checked="" type="checkbox"/> |
| Operators        | <input type="checkbox"/>            | Facility Manager      | <input type="checkbox"/>            |
| Manufacturer     | <input type="checkbox"/>            | Quantity surveyor     | <input type="checkbox"/>            |

Comment

E-mail bS IDM Contact person: steen.sunesen@b

Auto ID  ID used in the IDM

Name of the IDM

Masonry Structural Design to Structural Analysis

Description

?????

Owner

Univ of Florida - College of Design, Construction & Planning

Project Manager

Nawari O. Nawari

Project Manager E-mail

nnawari@ufl.edu

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

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0 Portfolio requirements

1 Concepts of needs

2 Outline feasibility

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10 Disposal

In which roles will the IDM be used?

Design architect

Engineering companies

Contractors

Clients

Operators

Facility Manager

Manufacturer

Quantity surveyor

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

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| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

68

ID used in the IDM

Name of the IDM

Building (Preventative) Maintenance Scheduling

#### Description

A process in which the functionality of the building structure (walls, floors, roof, etc) and equipment serving the building (mechanical, electrical, plumbing, etc) are maintained over the operational life of a facility.

Owner

buildingSMART Alliance

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  Clients   
Operators  Facility Manager   
Manufacturer  Quantity surveyor

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Building Systems Analysis

#### Description

A process that measures how a building's performance compares to the specified design. This includes an analysis of the mechanical system operational characteristics including the energy use of a building.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL <http://bim.psu.edu/Project/default.aspx>

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

70

ID used in the IDM

Name of the IDM

Asset Management

Description

A process in which an organized management system will efficiently aid in the maintenance and operation of a facility and its assets.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL

<http://bim.psu.edu/Project/default.aspx>

IDM available in English

Please specify the languages the IDM is available in

Accessible

By request

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
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| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Space Management and Tracking

Description

A process in which BIM is utilized to effectively allocate, manage, and track assigned workspaces and related resources.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL <http://bim.psu.edu/Project/default.aspx>

IDM available in English

Please specify the languages the IDM is available in

Accessible

By request

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

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Please indicate the range of the IDM

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What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies

Contractors  Clients

Operators  Facility Manager

Manufacturer  Quantity surveyor

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Disaster Planning

Description

A process in which emergency responders would have access to critical building information in the form of a model and information system.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL <http://bim.psu.edu/Project/default.aspx>

IDM available in English

Please specify the languages the IDM is available in

Accessible

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- |  |                          |                             |                          |
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| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
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| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

73

ID used in the IDM

Name of the IDM

Record Modeling

#### Description

A process used to depict an accurate representation of the physical conditions, environment, and assets of a facility. The record model should, as a minimum, contain information relating to the main architectural and MEP elements.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@enr.psu.edu

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

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Name of the MVD if any

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Which software product?

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In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  Clients   
Operators  Facility Manager   
Manufacturer  Quantity surveyor

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Site Utilization Planning

#### Description

A process in which a 4D model is used to graphically represent both permanent and temporary facilities on site, with the construction activity schedule.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

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| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

75

ID used in the IDM

Name of the IDM

Construction System Design (Virtual Mockup)

## Description

A process in which 3D System Design Software is used to design and analyze the construction of a complex building system (e.g. form work, glazing, tie-backs, etc.) in order to increase planning.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL

<http://bim.psu.edu/Project/default.aspx>

IDM available in English

Please specify the languages the IDM is available in

Accessible

By request

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| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
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| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Digital Fabrication

#### Description

A process that utilizes machine technology to prefabricate objects directly from a 3D Model. The 3D Model is spooled into appropriate sections and inputted into fabrication equipment for production of system assemblies.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL <http://bim.psu.edu/Project/default.aspx>

IDM available in English

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By request

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In which roles will the IDM be used?

Design architect  Engineering companies

Contractors  Clients

Operators  Facility Manager

Manufacturer  Quantity surveyor

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

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| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

78

ID used in the IDM

Name of the IDM

3D Coordination

#### Description

A process in which Clash Detection software is used during the coordination process to determine field conflicts by comparing 3D models of building systems. The goal of clash detection is to eliminate the major system conflicts prior to installation.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

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4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

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10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



- |              |                          |                   |                          |
|--------------|--------------------------|-------------------|--------------------------|
| Contractors  | <input type="checkbox"/> | Clients           | <input type="checkbox"/> |
| Operators    | <input type="checkbox"/> | Facility Manager  | <input type="checkbox"/> |
| Manufacturer | <input type="checkbox"/> | Quantity surveyor | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Design Authoring

#### Description

A process in which 3D software is used to develop a Building Information Model based on criteria that is important to the translation of the building's design.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL <http://bim.psu.edu/Project/default.aspx>

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

80

ID used in the IDM

Name of the IDM

Engineering Analysis (Structural, Lighting, Energy, Mechanical, Other)

Description

A process in which intelligent modeling software uses the BIM model to determine the most effective engineering method based on design specifications.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL

<http://bim.psu.edu/Project/default.aspx>

IDM available in English

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By request

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| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
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Comment

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Auto ID  ID used in the IDM

Name of the IDM

Sustainability (LEED) Evaluation

Description

A process in which a project is evaluated based on LEED or other sustainable criteria. This can refer to materials, performance, or a process.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

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IDM available in English

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In which roles will the IDM be used?

Design architect  Engineering companies

Contractors  Clients

Operators  Facility Manager

Manufacturer  Quantity surveyor

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Description

A process in which code validation software is utilized to check the model parameters against project specific codes. Code validation is currently in its infant stage of development within the U.S. and is not in widespread use.

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

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| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
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In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
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Comment

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E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

83

ID used in the IDM

Name of the IDM

Design Reviews

#### Description

A process in which a 3D model is used to showcase the design to the stakeholders, evaluate meeting the program, and set criteria such as layout, sightlines, lighting, security, ergonomics, acoustics, textures and colors, etc.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

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In which roles will the IDM be used?

Design architect  Engineering companies



- |              |                          |                   |                          |
|--------------|--------------------------|-------------------|--------------------------|
| Contractors  | <input type="checkbox"/> | Clients           | <input type="checkbox"/> |
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Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Programming

#### Description

A process in which a spatial program is used to efficiently and accurately assess design performance in regard to spatial requirements.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

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What is the Scope of the IDM?

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- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

85

ID used in the IDM

Name of the IDM

Site Analysis

Description

A process in which BIM/GIS tools are used to evaluate properties in a given area to determine the most optimal site location for a future project.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL

<http://bim.psu.edu/Project/default.aspx>

IDM available in English

Please specify the languages the IDM is available in

Accessible

By request

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

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| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Phase Planning (4D Modeling)

Description

A process in which a 4D model (3D models with the added dimension of time) is utilized to effectively plan the phased occupancy in a renovation, retrofit, addition, or to show the construction sequence and space requirements on a building site.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL <http://bim.psu.edu/Project/default.aspx>

IDM available in English

Please specify the languages the IDM is available in

Accessible

By request

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies

Contractors  Clients

Operators  Facility Manager

Manufacturer  Quantity surveyor

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Cost Estimation

Description

A process in which a BIM model can be used to generate an accurate quantity take-off and cost estimate early in the design process and provide cost effects of additions and modifications with potential to save time and money and avoid budget overruns.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL

<http://bim.psu.edu/Project/default.aspx>

IDM available in English

Please specify the languages the IDM is available in

Accessible

By request

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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Interaction Maps  Process Maps  Exchange requirements

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| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

88

ID used in the IDM

Name of the IDM

Existing Conditions Modeling

#### Description

A process in which a project team develops a 3D model of the existing conditions for a site, facilities on a site, or a specific area within a facility. This model can be developed in multiple ways depending on what is desired and what is most efficient.

Owner

buildingSMART

Project Manager

John Messner

Project Manager E-mail

jmessner@engr.psu.edu

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

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In which roles will the IDM be used?

Design architect  Engineering companies



Contractors

Clients

Operators

Facility Manager

Manufacturer

Quantity surveyor

Comment

Part of the "BIM Project Execution Planning Guide"

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

89

ID used in the IDM

Name of the IDM

Criteria Checking Update to AR-5 IFC Early Design

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

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| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

90

ID used in the IDM

Name of the IDM

Program Checking- development of tabular data- pre-IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

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| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
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| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

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Interaction Maps

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10 Disposal

In which roles will the IDM be used?

Design architect

Engineering companies

Contractors

Clients

Operators

Facility Manager

Manufacturer

Quantity surveyor

Comment

E-mail bS IDM Contact person:

d.davis@aecinfor

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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Interaction Maps  Process Maps  Exchange requirements

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| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

93

ID used in the IDM

Name of the IDM

HVAC Information Exchange

Description

Owner

ASHRAE

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

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10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  
Operators  
Manufacturer

Clients  
 Facility Manager  
 Quantity surveyor

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

94

ID used in the IDM

Name of the IDM

BAMie- Building Automation - Control Systems

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

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| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
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| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

95

ID used in the IDM

Name of the IDM

Resource Utilization

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Move Management

Description

Owner

USCG/AEC Infosystems

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

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In which roles will the IDM be used?

Design architect  Engineering companies

Contractors  Clients

Operators  Facility Manager

Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

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Please specify the languages the IDM is available in

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In which roles will the IDM be used?

- |                  |                          |                       |                          |
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| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

nn@aec3.com

Auto ID

98

ID used in the IDM

Name of the IDM

BSA\_Concept\_Design\_Phase\_Energy\_Analysis

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

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10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  
Operators  
Manufacturer

Clients  
 Facility Manager  
 Quantity surveyor

Comment

E-mail bS IDM Contact person: nn@aec3.com

Auto ID

99

ID used in the IDM

Name of the IDM

BSA\_Prepere\_Adjust\_BIM\_for\_Energy\_Analysis

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

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|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

nn@aec3.com

Auto ID

100

ID used in the IDM

Name of the IDM

energy\_assessment

Description

Owner

US Army CE – ERDC

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:                      nn@aec3.com

Auto ID                                            ID used in the IDM                     

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status                     

URL                     

IDM available in English                     

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies

Contractors  Clients

Operators  Facility Manager

Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person: nn@aec3.com

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?  
Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

nn@aec3.com

Auto ID

103

ID used in the IDM

Name of the IDM

Regulating\_US\_Building\_Construction

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  
Operators  
Manufacturer

Clients  
 Facility Manager  
 Quantity surveyor

Comment

E-mail bS IDM Contact person: nn@aec3.com

Auto ID

104

ID used in the IDM

Name of the IDM

service\_life\_planning

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

nn@aec3.com

Auto ID

105

ID used in the IDM

SPie

Name of the IDM

Specifiers Properties information exchange

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

Work in progress

URL

<http://www.buildingsmartalliance.org/projects/activeprojects/32>

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person: d.davis@aecinfos

Auto ID  ID used in the IDM

Name of the IDM

Wall Assemblies information exchange

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements

1 Concepts of needs

2 Outline feasibility

3 Substantive feasibility

4 Outline conceptual design

5 Full conceptual design

6 Coordinated design (and procurement)

7 Production information

8 Construction

9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect

Engineering companies

Contractors

Clients

Operators

Facility Manager

Manufacturer

Quantity surveyor

Comment

E-mail bS IDM Contact person:

d.davis@aecinfor

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?  
Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

d.davis@aecinfos

Auto ID

108

ID used in the IDM

CAPEX

Name of the IDM

Capital expenditure

Description

The process and data requirements throughout the design/construction cycle

Owner

UK Government

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  Clients   
Operators  Facility Manager   
Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person: nn@aec3.com

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                          |
|------------------|--------------------------|-----------------------|--------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/> |
| Contractors      | <input type="checkbox"/> | Clients               | <input type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

nn@aec3.com

Auto ID

110

ID used in the IDM

Name of the IDM

Information exchanges between operators, designers and surveyors

## Description

Operator needs information about new and existing buildings for maintenance and exploitation purpose. This info. is provided by designers and surveyors. Other exchanges also occur between operator and designer each time a building is significant modified.

Owner

Region Bourgogne, France

Project Manager

Bernard FERRIES

Project Manager E-mail

ferries@laurenti.com

IDM Status

Work in progress

URL

[http://lra.toulouse.archi.fr/club-des-usages/file.php/27/IDM\\_scope.pdf](http://lra.toulouse.archi.fr/club-des-usages/file.php/27/IDM_scope.pdf)

IDM available in English

Please specify the languages the IDM is available in

French

Accessible

By request

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps

Process Maps

Exchange requirements

Functional parts

Business rules

Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Active3D, Revit

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Région Bourgogne, France.

What is the Scope of the IDM?

IDM covers up to 4 different exchange requirements. See URL for map.

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                                     |
|--|--------------------------|-----------------------------|-------------------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/>            |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/>            |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/>            |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/>            |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input checked="" type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                                     |

In which roles will the IDM be used?

- |                  |                                     |                       |                                     |
|------------------|-------------------------------------|-----------------------|-------------------------------------|
| Design architect | <input checked="" type="checkbox"/> | Engineering companies | <input type="checkbox"/>            |
| Contractors      | <input type="checkbox"/>            | Clients               | <input checked="" type="checkbox"/> |
| Operators        | <input checked="" type="checkbox"/> | Facility Manager      | <input checked="" type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/>            | Quantity surveyor     | <input type="checkbox"/>            |

Comment

E-mail bS IDM Contact person: ferries@laurenti.c

Auto ID  ID used in the IDM

Name of the IDM

System Requirements Specification

Description

This IDM is used on the interface between a client and a consulting firm; it is also used on the interface between a client and a contractor as a standard to make the requirement specification available.

Owner

Ministry of Transport - The Netherlands

Project Manager

Henk Schaap

Project Manager E-mail

h.schaap@gobar.nl

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

- |  |                                     |                             |                                     |
|--|-------------------------------------|-----------------------------|-------------------------------------|
| 0 Portfolio requirements               | <input checked="" type="checkbox"/> | 1 Concepts of needs         | <input checked="" type="checkbox"/> |
| 2 Outline feasibility                  | <input checked="" type="checkbox"/> | 3 Substantive feasibility   | <input checked="" type="checkbox"/> |
| 4 Outline conceptual design            | <input checked="" type="checkbox"/> | 5 Full conceptual design    | <input checked="" type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input checked="" type="checkbox"/> | 7 Production information    | <input type="checkbox"/>            |
| 8 Construction                         | <input type="checkbox"/>            | 9 Operation and maintenance | <input type="checkbox"/>            |
| 10 Disposal                            | <input type="checkbox"/>            |                             |                                     |

In which roles will the IDM be used?

- |                  |                                     |                       |                                     |
|------------------|-------------------------------------|-----------------------|-------------------------------------|
| Design architect | <input checked="" type="checkbox"/> | Engineering companies | <input checked="" type="checkbox"/> |
| Contractors      | <input checked="" type="checkbox"/> | Clients               | <input checked="" type="checkbox"/> |
| Operators        | <input type="checkbox"/>            | Facility Manager      | <input type="checkbox"/>            |
| Manufacturer     | <input checked="" type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/>            |

Comment

E-mail bS IDM Contact person: h.schaap@gobar.

Auto ID  ID used in the IDM

Name of the IDM

Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements   
Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Justin Wong

What is the Scope of the IDM?

To effectively transfer curtain wall in a meaningful way for energy analysis

In which of the processes from ISO 22263 can the IDM be used?

- |  |                          |                             |                          |
|--|--------------------------|-----------------------------|--------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/> | 1 Concepts of needs         | <input type="checkbox"/> |
| 2 Outline feasibility                  | <input type="checkbox"/> | 3 Substantive feasibility   | <input type="checkbox"/> |
| 4 Outline conceptual design            | <input type="checkbox"/> | 5 Full conceptual design    | <input type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input type="checkbox"/> | 7 Production information    | <input type="checkbox"/> |
| 8 Construction                         | <input type="checkbox"/> | 9 Operation and maintenance | <input type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/> |                             |                          |

In which roles will the IDM be used?

- |                  |                          |                       |                                     |
|------------------|--------------------------|-----------------------|-------------------------------------|
| Design architect | <input type="checkbox"/> | Engineering companies | <input type="checkbox"/>            |
| Contractors      | <input type="checkbox"/> | Clients               | <input checked="" type="checkbox"/> |
| Operators        | <input type="checkbox"/> | Facility Manager      | <input type="checkbox"/>            |
| Manufacturer     | <input type="checkbox"/> | Quantity surveyor     | <input type="checkbox"/>            |

Comment

E-mail bS IDM Contact person:

steen.sunesen@b

Auto ID

113

ID used in the IDM

Name of the IDM

FM\_handover

Description

ER of Facility Manager to Designer at the end of the construction process (BIM of the building as built).

Owner

Project Manager

Project Manager E-mail

ferries@laurenti.com

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

What is the Scope of the IDM?

In which of the processes from ISO 22263 can the IDM be used?

0 Portfolio requirements  1 Concepts of needs

2 Outline feasibility  3 Substantive feasibility

4 Outline conceptual design  5 Full conceptual design

6 Coordinated design (and procurement)  7 Production information

8 Construction  9 Operation and maintenance

10 Disposal

In which roles will the IDM be used?

Design architect  Engineering companies



Contractors  Clients   
Operators  Facility Manager   
Manufacturer  Quantity surveyor

Comment

E-mail bS IDM Contact person:

Auto ID  ID used in the IDM

Name of the IDM

#### Description

Owner

Project Manager

Project Manager E-mail

IDM Status

URL

IDM available in English

Please specify the languages the IDM is available in

Accessible

Is the IDM following ISO 29481?  Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

(under development) Nemetschek Allplan, Olaf Granlund Roomex, nD Navigator, Energy solver (NANDRAD, THERAKLES)

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Private organisation

Who is the Initiator of the IDM?

Hesmos Consortium

What is the Scope of the IDM?

It extended and adapted for the spe.objectives of-life cycle modelling,-the def.of a gen.multi-model framework based on,but not limited to,a single std. BIM,and-the derivation of inf.and processing requirements for the comp.of an intg.vir.energy lab.

In which of the processes from ISO 22263 can the IDM be used?

- |  |                                     |                             |                                     |
|--|-------------------------------------|-----------------------------|-------------------------------------|
| 0 Portfolio requirements               | <input type="checkbox"/>            | 1 Concepts of needs         | <input type="checkbox"/>            |
| 2 Outline feasibility                  | <input checked="" type="checkbox"/> | 3 Substantive feasibility   | <input checked="" type="checkbox"/> |
| 4 Outline conceptual design            | <input checked="" type="checkbox"/> | 5 Full conceptual design    | <input checked="" type="checkbox"/> |
| 6 Coordinated design (and procurement) | <input checked="" type="checkbox"/> | 7 Production information    | <input type="checkbox"/>            |
| 8 Construction                         | <input type="checkbox"/>            | 9 Operation and maintenance | <input checked="" type="checkbox"/> |
| 10 Disposal                            | <input type="checkbox"/>            |                             |                                     |

In which roles will the IDM be used?

- |                  |                                     |                       |                                     |
|------------------|-------------------------------------|-----------------------|-------------------------------------|
| Design architect | <input checked="" type="checkbox"/> | Engineering companies | <input checked="" type="checkbox"/> |
| Contractors      | <input type="checkbox"/>            | Clients               | <input checked="" type="checkbox"/> |
| Operators        | <input checked="" type="checkbox"/> | Facility Manager      | <input checked="" type="checkbox"/> |
| Manufacturer     | <input type="checkbox"/>            | Quantity surveyor     | <input checked="" type="checkbox"/> |

Comment

E-mail bS IDM Contact person:

tl@aec3.de

Auto ID

115

ID used in the IDM

IDM\_12

Name of the IDM

Digital interdisciplinary coordination between consulting parties.

## Description

The design phase: Preliminary design and Detailed design

## Owner

buildingSMART

## Project Manager

Jan Karlshøj

## Project Manager E-mail

jan.karlshoej@gravicon.dk

## IDM Status

Work in progress

## URL

IDM available in English

Please specify the languages the IDM is available in

## Accessible

Public

Is the IDM following ISO 29481?

Is the IDM following bSI IDM guideline?

Does the IDM include?

Interaction Maps  Process Maps  Exchange requirements

Functional parts  Business rules  Validation test

Is the IDM supported by a MVD?

Name of the MVD if any

Is the IDM supported by software?

Which software product?

Does there exist a software certification procedure to the IDM?

Name of the software certification system

Please indicate the range of the IDM

Who is the Initiator of the IDM?

Digital Convergence in Denmark (CO, Grontmij|CarlBro, MT Højgaard, NCC, Pihl, Rambøll)

What is the Scope of the IDM?

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Comment

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