

Domain Administrator Module Design for the OpenMDM 5 application

[Start Demo](#)

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Unit Explorer and an Unit Editor

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units

+

⌂

Name or Id

Layout: Default

Sources: Default

Name	Abbreviation	Physical Dimension	BaseUnit	Conversion	Description
Meter	m	Length	yes	-	This unit is usually used for...
Kilometer	km	Length	no	1 Kilometer (km) = 1000 Meter (m)	This unit is usually used for...
Millimeter	mm	Length	no	1 Millimeter (mm) = 0.001 Meter (m)	This is a unit of length in the metric system.
Kilogram	kg	Mass	yes	-	This is the base unit of mass in the International System of Units (SI).
Gram	g	Mass	no	1 Gram (g) = 0.001 Kilogram (kg)	This unit is usually used for...
Grad Celsius	°C	Temperature	no	0 Grad Celsius (°C) = 273.15 Grad Kelvin (K)	This unit is usually used for...
Second	s	Time	yes	-	This unit is usually used for...

110 / 110

Millimeter (mm) - Length Kilogram (kg) - Mass



Millimeter
Unit
1 Millimeter (mm) = 0.001 Meter (m)

Name

Millimeter

Description

This is a unit of length in the metric system.

Physical Dimension

Length

↗

Base Unit

☐

Conversion Factor

0.001

Symbol

mm

Conversion Offset

0

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Unit Explorer and an Unit Editor

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units

+

⌂

Name or Id

Layout: Default

Sources: Default

Name	Abbreviation	Physical Dimension	BaseUnit	Conversion	Description
Meter	m	Length	yes	-	This unit is usually used for...
Kilometer	km	Length	no	1 Kilometer (km) = 1000 Meter (m)	This unit is usually used for...
Millimeter	mm	Length	no	1 Millimeter (mm) = 0.001 Meter (m)	This is a unit of length in the metric system.
Kilogram	kg	Mass	yes	-	This is the base unit of mass in the International System of Units (SI).
Gram	g	Mass	no	1 Gram (g) = 0.001 Kilogram (kg)	This unit is usually used for...
Grad Celsius	°C	Temperature	no	0 Grad Celsius (°C) = 273.15 Grad Kelvin (K)	This unit is usually used for...
Second	s	Time	yes	-	This unit is usually used for...

110 / 110

Millimeter (mm) - Length

Kilogram (kg) - Mass

Kilogram

Unit

Base Unit

Name

Kilogram

Description

This is the base unit of mass in the International System of Units (SI).

Physical Dimension

Mass

↗

Base Unit

☒

Conversion Factor

1

Conversion Offset

0

Symbol

kg

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Physical Dimension Explorer and a Unit Editor

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension

+

⌂

Name or Id

Layout: Default

Sources: Default

Name	Description	Formula	Length (m)	Mass (kg)	Time (s)	Electric Current (A)	Temperature (K)	Amount of substance (mol)	Luminous Intensity (cd)
Area	Some Description	m ²	2	0	0	0	0	0	0
Current	Some Description	A	0	0	0	1	0	0	0
Density	Some Description	kg / m ³	-3	1	0	0	0	0	0
Force	Some Description	m * kg / s ²	1	1	-2	0	0	0	0
Frequency	Some Description	1 / s	0	0	-1	0	0	0	0
Length	Some Description	m	1	0	0	0	0	0	0
Mass	Some Description	kg	0	1	0	0	0	0	0

75 / 75

Millimeter (mm) - Length

Kilogram (kg) - Mass



Millimeter

Unit

1 Millimeter (mm) = 0.001 Meter (m)

↺

📄

📁

Name

Millimeter

Description

This is a unit of length in the metric system.

Physical Dimension

Length

↗

Symbol

mm

Base Unit

☐

Conversion Factor

0.001

Conversion Offset

0

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Physical Dimension Explorer and a Physical Dimension Editor

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension

+

⌂

Name or Id

Layout: Default

Sources: Default

Name	Description	Formula	Length (m)	Mass (kg)	Time (s)	Electric Current (A)	Temperature (K)	Amount of substance (mol)	Luminous Intensity (cd)
Area	Some Description	m ²	2	0	0	0	0	0	0
Current	Some Description	A	0	0	0	1	0	0	0
Density	Some Description	kg / m ³	-3	1	0	0	0	0	0
Force	Some Description	m * kg / s ²	1	1	-2	0	0	0	0
Frequency	Some Description	1 / s	0	0	-1	0	0	0	0
Length	Some Description	m	1	0	0	0	0	0	0
Mass	Some Description	kg	0	1	0	0	0	0	0

75 / 75

Millimeter (mm) - Length

Kilogram (kg) - Mass

Length



Length

Physical Dimension

m

↺

↻

⌂

Name

Length

Description

Some Description

Length (m) Exponent

1

Mass (kg) Exponent

0

Base Unit

Meter (m)

Time (s) Exponent

0

Electric Current (A) Exponent

0

Other Units

Millimeter (mm)

Kilometer (km)

Temperature (K) Exponent

0

Amount of substance (mol) Exponent

0

Drop Units here to add them.

Luminous Intensity (cd) Exponent

0

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Physical Dimension Explorer and a Physical Dimension Editor

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension

+

⊖

Name or Id

Layout: Default

Sources: Default

Name	Description	Formula	Length (m)	Mass (kg)	Time (s)	Electric Current (A)	Temperature (K)	Amount of substance (mol)	Luminous Intensity (cd)
Area	Some Description	m ²	2	0	0	0	0	0	0
Current	Some Description	A	0	0	0	1	0	0	0
Density	Some Description	kg / m ³	-3	1	0	0	0	0	0
Force	Some Description	m * kg / s ²	1	1	-2	0	0	0	0
Frequency	Some Description	1 / s	0	0	-1	0	0	0	0
Length	Some Description	m	1	0	0	0	0	0	0
Mass	Some Description	kg	0	1	0	0	0	0	0

75 / 75

Millimeter (mm) - Length

Kilogram (kg) - Mass

Length

Density



Density
 Physical Dimension
 kg / m³

Name

Density

Description

Some Description

Length (m) Exponent

-3

Mass (kg) Exponent

1

Base Unit

[Kilograms per cubic meter \(kg / m³\)](#)

Time (s) Exponent

0

Electric Current (A) Exponent

0

Other Units

Drop Units here to add them.

Temperature (K) Exponent

0

Amount of substance (mol) Exponent

0

Luminous Intensity (cd) Exponent

0

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Value List Explorer and a Physical Dimension Editor

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension

+

⌂

Name or Id

Layout: Default

Sources: Default

Name	Description	Item Count
Add Option	Some Description	3
Amp	Some Description	4
Axle Gearbox Type	Some Description	7
Component Description	Some Description	32
Displacement	Some Description	10
Drive	Some Description	3
Engine Build Level	Some Description	5

75 / 75

Millimeter (mm) - Length

Kilogram (kg) - Mass

Length



Length
 Physical Dimension
 m

Name

Length

Description

Some Description

Length (m) Exponent

1

Mass (kg) Exponent

0

Base Unit

[Meter \(m\)](#)

Time (s) Exponent

0

Electric Current (A) Exponent

0

Other Units

[Millimeter \(mm\)](#)
[Kilometer \(km\)](#)

Temperature (K) Exponent

0

Amount of substance (mol) Exponent

0

Drop Units here to add them.

Luminous Intensity (cd) Exponent

0

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Value List Explorer and a Value List Editor

OpenMDM 5
File Edit View Open Import Export Help

Value Lists Units Physical Dimension

+ - Name or Id Layout: Default Sources: Default

Name	Description	Item Count
Add Option	Some Description	3
Amp	Some Description	4
Axle Gearbox Type	Some Description	7
Component Description	Some Description	32
Displacement	Some Description	10
Drive	Some Description	3
Engine Build Level	Some Description	5

75 / 75

Millimeter (mm) - Length Kilogram (kg) - Mass Length Component Description

Component Description
Value List
32 Items

Name Component Description
Description Some Description
Values

+ - Name or Id Layout: Default Sources: Default

Value	Description
Aktive Luftklappen	
Aktivlenkung	
Außenspiegel	
EPS, APA, Pinion El. Lenkg.	

32 / 32

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Value List Explorer and a Value List Editor and an open Open Menu

OpenMDM 5
File Edit View Open Import Export Help

Value Lists

- Unit Under Test Explorer
- Operation Parameter Explorer
- Setup Explorer
- Test Explorer
- Measurement Step Template Explorer
- External System Explorer
- Measurement Parameter Explorer
- Physical Dimension Explorer
- Tag Explorer
- Unit Explorer
- Value Lists Explorer

Name	Description	Item Count
Add Option	Some Description	3
Amp	Some Description	4
Axle Gearbox Type	Some Description	7
Component Description	Some Description	32
Displacement	Some Description	10
Drive	Some Description	3
Engine Build Level	Some Description	5

75 / 75

Millimeter (mm) - Length Kilogram (kg) - Mass Length Component Description

Component Description
Value List
32 Items

Name

Component Description

Description

Some Description

Values

Name or Id
Layout: Default Sources: Default

Value	Description
Aktive Luftklappen	
Aktivlenkung	
Außenspiegel	
EPS, APA, Pinion El. Lenkg.	

32 / 32

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Value List Explorer and a Value List Editor and an open Open Menu

OpenMDM 5
File Edit View Open Import Export Help

Value Lists Units Physical Dimension Measurement Step Templates

+ - Name or Id Layout: Default Sources: Default

Name	Description	Creation Date	Version	State	Unit Under Test	Operation Parameter	Setup	Measurement Result
Foo Template	Some Description	2015-01-04	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	2	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	3	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Blue Template	Some Description	2014-11-03	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Blue Template	Some Description	2010-10-10	7	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Red Template	Some Description	2011-09-04	9	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Gamma
Green Template	Some Description	2012-03-04	4	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Delta

75 / 75

Millimeter (mm) - Length Kilogram (kg) - Mass Length Component Description

Component Description
Value List
32 Items

Name

Component Description

Description

Some Description

Values

+ - Name or Id Layout: Default Sources: Default

Value	Description
Aktive Luftklappen	
Aktivlenkung	
Außenspiegel	
EPS, APA, Pinion El. Lenkg.	

32 / 32

Domain Administrator Module Design for the OpenMDM 5 application

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension Measurement Step Templates

Layout: Default Sources: Default

Name	Description	Creation Date	Version	State	Unit Under Test	Operation Parameter	Setup	Measurement Result
Foo Template	Some Description	2015-01-04	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	2	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	3	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Blue Template	Some Description	2014-11-03	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Blue Template	Some Description	2010-10-10	7	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Red Template	Some Description	2011-09-04	9	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Gamma
Green Template	Some Description	2012-03-04	4	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Delta

75 / 75

Millimeter (mm) - Length
 Kilogram (kg) - Mass
 Length
 Component Description
 Foo Template



Foo Template

Template
Measurement Step

Name:

Description:

Unit Under Test: [Audio Template Alpha](#)

Operation Parameter: [Modification Template Bravo](#)

Setup: [Setup Template Omega](#)

Measurement Result:

Drop a Measurement Result Template here to add it.

Domain Administrator Module Design for the OpenMDM 5 application

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension Measurement Step Templates

Name or Id Layout: Default Sources: Default

Name	Description	Creation Date	Version	State	Unit Under Test	Operation Parameter	Setup	Measurement Result
Foo Template	Some Description	2015-01-04	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	2	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	3	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Blue Template	Some Description	2014-11-03	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Blue Template	Some Description	2010-10-10	7	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Red Template	Some Description	2011-09-04	9	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Gamma
Green Template	Some Description	2012-03-04	4	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Delta

75 / 75

Millimeter (mm) - Length Kilogram (kg) - Mass Length Component Description Foo Template



Foo Template

Template
Measurement Step

Name:

Description:

Unit Under Test: [Audio Template Alpha](#)  Operation Parameter: [Modification Template Bravo](#) 

Setup: [Setup Template Omega](#)  Measurement Result:

Drop a Measurement Result Template here to add it.



References

The object in the adjacent editor is referenced by the following objects:

▼ Test templates

Name or Id Layout: Default Sources: Default

Name	Structure Generator	External Data Sources	Actions After Commission
Test Template A_031	Namehelper A	Vehicle Index	
Test Template A_100	Namehelper A		
Test Template B_091	Namehelper A		
Test Template B_170	Namehelper A		
Test Template C_004	Namehelper A		
Test Template D_312	Namehelper A		
Test Template D_731	Namehelper A	Vehicle Index , Gear Index	Send Mail
Test Template E_910	Namehelper A		Send Mail
Test Template F_347	Namehelper A		

75 / 75

Domain Administrator Module Design for the OpenMDM 5 application

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension Measurement Step Templates

Name or Id Layout: Default Sources: Default

Name	Description	Creation Date	Version	State	Unit Under Test	Operation Parameter	Setup	Measurement Result
Foo Template	Some Description	2015-01-04	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	2	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	3	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Blue Template	Some Description	2014-11-03	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Blue Template	Some Description	2010-10-10	7	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Red Template	Some Description	2011-09-04	9	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Gamma
Green Template	Some Description	2012-03-04	4	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Delta

75 / 75

Millimeter (mm) - Length Kilogram (kg) - Mass Length Component Description Foo Template Test Template B_170

 **Test Template B_170**
Template
Test

Name:

Description:

Measurement Steps Templates

Name	Visible By Default	Optional
Audio Template Alpha	☒	☐
Setup Template Omega	☒	☒
Foo Template Sierra	☐	☒
Bla Template Delta	☒	☒

Drop Measurement Step Templates here to add them.

75 / 75

References

The object in the adjacent editor is referenced by the following objects:

▼ Tests

Name or Id Layout: Default Sources: Default

Name	Creation Date	Completion Date	Assignee
Test I	2015-01-04	2015-01-08	M. Huber
Test II	2015-01-04	2015-01-10	D. Graf
Test III	2015-01-04	2015-01-09	S. Becker
Test IV	2015-01-06	2015-01-08	M. Huber
Test V	2015-01-07	2015-01-28	D. Graf
Test VI	2015-01-14	2015-01-28	K. Schmidt
Test VII	2015-01-14	2015-01-27	M. Huber
Test VIII	2015-01-19	2015-01-30	S. Becker
Test IX	2015-01-20	2015-01-30	K. Schmidt

75 / 75

Domain Administrator Module Design for the OpenMDM 5 application

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension Measurement Step Templates

Search: Name or Id Layout: Default Sources: Default

Name	Description	Creation Date	Version	State	Unit Under Test	Operation Parameter	Setup	Measurement Result
Foo Template	Some Description	2015-01-04	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	2	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	3	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Blue Template	Some Description	2014-11-03	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Blue Template	Some Description	2010-10-10	7	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Red Template	Some Description	2011-09-04	9	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Gamma
Green Template	Some Description	2012-03-04	4	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Delta

75 / 75

Millimeter (mm) - Length Kilogram (kg) - Mass Length Component Description Foo Template Audio Template Alpha

Audio Template Alpha

Template
Unit Under Test

Name: Audio Template Alpha

Description: Some Description

Components:

- Circle Component
 - ☒ Red Circle Component (Red Component)
 - ☐ Green Circle Component
- Rectangle Component
- Line Component
- Star Component

Drop Unit Under Test Components here to add them.

Name: Red Circle Component

Based On Component: [Red Component](#)

Mutable: ☒ Optional: ☒ Active By Default: ☒

Attributes:

Active	Name	Default Value	Read-Only	Optional
☒	systemlevel	Individual	☐	☒
☒	stand	-	☐	☒

10 / 10

Domain Administrator Module Design for the OpenMDM 5 application

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension Measurement Step Templates

+

↺

Name or Id

Layout: Default

Sources: Default

Name	Description	Creation Date	Version	State	Unit Under Test	Operation Parameter	Setup	Measurement Result
Foo Template	Some Description	2015-01-04	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	2	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Foo Template	Some Description	2015-01-04	3	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Blue Template	Some Description	2014-11-03	1	Inactive	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	-
Blue Template	Some Description	2010-10-10	7	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Tango
Red Template	Some Description	2011-09-04	9	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Gamma
Green Template	Some Description	2012-03-04	4	Active	Audio Template Alpha	Modification Template Bravo	Setup Template Omega	Result Template Delta

75 / 75

Millimeter (mm) - Length

Kilogram (kg) - Mass

Length

Component Description

Foo Template

Audio Template Alpha

Red Component



Red Component
 Component
 Unit Under Test

Name

Red Component

Description

Some Description

Attributes

Type

Text (DT_STRING)

Optional

☐

Value List

Value List Caesar

Actions On Change

Notify CEO

X

Beep 3 times

X

Description

A description

Copyable

☐

Force Value List Usage

☐

▶

Number (DT_DOUBLE), Optional, Not Copyable, kg,

↑

↓

↺

↻

Domain Administrator Module Design for the OpenMDM 5 application

This mockup shows the Value List Explorer and a Value List Editor and an open Open Menu

OpenMDM 5
File Edit View Open Import Export Help
Value Lists Units Physical Dimension External Sytems
Name or Id Layout: Default Sources: Default
Name Description Item Count
ATFX 1000 Some Description 304
PAK_TO_ATFX Some Description 217
75 / 75

Millimeter (mm) - Length Kilogram (kg) - Mass Length Component Description
Component Description
Value List
32 Items
Name Component Description
Description Some Description
Values
Name or Id Layout: Default Sources: Default
Value Description
Aktive Luftklappen
Aktivlenkung
Außenspiegel
EPS, APA, Pinion El. Lenkg.
32 / 32

Domain Administrator Module Design for the OpenMDM 5 application

OpenMDM 5

File Edit View Open Import Export Help

Value Lists Units Physical Dimension External Systems

Name or Id Layout: Default Sources: Default

Name	Description	Item Count
ATFX 1000	Some Description	304
PAK_TO_ATFX	Some Description	217

75 / 75

Millimeter (mm) - Length Kilogram (kg) - Mass Length Component Description ATFX 1000



ATFX 1000
External System
304 Items

Name

Description

Values

Value	Description
some.external.attribute	a precise description
another.external.attribute	a description
yetanotherexternal.attribute	some text
even.more.external.attributes	-

32 / 32

Component Attribute

Drop a Component Attribute here to map it or start with choosing a component type.