

SIEMENS



DMS8000 MP4.81

Documentation Resource Information & Glossary

For:

- **MM8000 Management Station**
- **MK8000 OPC Server**
- **NK8000 Networks**
- **DF8000 I/O System**

With WW8000 Composer

Building Technologies

CPS Fire Safety

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About this Document

Purpose of this document

In addition to providing target audience definitions and training program information, (this chapter), this document is a guide to the following:

- Reference Documents:
A complete list of all DMS8000 documents and how to access them.
- Roadmap to Documentation:
Target audiences can see which documents were created for them, and the purpose for each document.
- Customer Support links & resource:
Contact information for BT CPS FS Customer Support Centre and other convenient links.
- General Glossary:
This contains global definitions of terms and acronyms used in DMS8000 documentation.

Scope

This document applies to the following BT FS-DMS products:

- MM8000 Management Station
- MK8000 OPC Server for Subsystems
- NK8000 Networks
- DF8000 I/O System
- WW8000 Composer

Target audiences

DMS8000 documentation is produced for the following users:

| | |
|--------------------------------|--|
| Sales personnel | Persons responsible for the sale of products, and service to customers. They assess a customer's desires and needs, and then determine the appropriate products and configurations in order to produce a quotation. They provide customers and consultants with the basic information necessary to begin installation, configuration, and commissioning activities. |
| End-users | Primary users of the system – that is, the security professionals who deal with DMS8000 products (operators, security guards, members of the fire brigade, etc.) responsible for monitoring and managing the facility and any security events. |
| Project managers | The project manager is responsible for planning and managing a project at the customer site. He is the link between the operator/customer and the Regional Company (RC). He is in charge of local project management, and coordinates the schedules of all groups of people working on a project as well as resources. He also continuously obtains the technical information required for project realization. |
| Project engineers | <p>The Project engineers provide the parameterisation of products, devices, and systems in the RC for a specific customer. They give the go-ahead for the commissioning of products, devices, and systems at the place of installation, and monitor the serviceability. They are also responsible for troubleshooting.</p> <p>A Project engineer has had the training appropriate to his function and to the products, devices, and systems to be configured. He/she has also attended the appropriate technical training courses, and is familiar with the standard windows operating system environment.</p> |
| Commissioning personnel | Commissioning personnel are responsible for the configuration of the products, devices, or systems for specific customers at the place of installation. They check serviceability, and officially clear the product, device, or system for use by the operator/customer. They are also responsible for troubleshooting. |
| Translators | Individuals responsible for document translation and/or software localisation. |

Related training

Siemens FS Fire Safety offers a comprehensive training program. You can find information about courses in the Siemens Intranet at the following address:

https://intranet10.sbt.siemens.com/employees/sbt_academy/.

Liability disclaimer

We have checked the contents of this manual for agreement with the hardware and software described. Since deviations cannot be precluded entirely, we cannot guarantee full agreement. However, the data in this manual are reviewed regularly and any necessary corrections are included in subsequent editions. Suggestions for improvement are welcome.

Modification index

| Current version | Date | Notes |
|-----------------|---------|---|
| MP4.81 | 04.2017 | <ul style="list-style-type: none"> – Updated Reference document list with the following updates: <ul style="list-style-type: none"> - 073_DMS_MK8000_Release_Notes_MP4.81_A6V10062455_b_en - 073_DMS_MM8000_Release_Notes_MP4.81_A6V10062509_b_en - 048_DMS_MM8000_ICC_Modbus_Add-On_MP4.xx_A6V10067800_a_en - 052_DMS_MM8000_Alarms_User_Manual_MP4.81_A6V10443637_b_en - 048_DMS_MK8000_ICC_MP4.81_A6V10062407_b_en - 019_DMS_MK8000_Interface_Spec_X-Net_System_Model_V2.04_A6V10403181_e_en |
| MP4.81 | 09.2016 | <ul style="list-style-type: none"> – Updated Reference document list – Added new NK8237 IEC GW Interface Specs and NK8237 IEC GW ICC |
| MP4.80 | 09.2015 | <ul style="list-style-type: none"> – Updated Reference document list – Removed MT8001 and NK822x completely |
| MP4.70 | 09.2014 | <ul style="list-style-type: none"> – Updated Reference document list |
| MP4.60 | 06.2013 | <ul style="list-style-type: none"> – Updated Reference document list – Updated Project Managers, Project Engineers, and Commissioning Personnel Roadmaps |
| MP4.50 | 06.2012 | <ul style="list-style-type: none"> – Updated Reference document list – Updated Sales Personnel roadmap: removed MT8001 due to phase out – Updated Glossary: added terms pertaining to FS20/FS720 fire panel; removed obsolete terms |
| MP4.40 | 06.2011 | <ul style="list-style-type: none"> – Updated Reference document list – Updated documentation Roadmaps |
| MP4.30 | 06.2010 | <ul style="list-style-type: none"> – Added new NK8231 CEI Interface Datasheet document to Reference document list – Updated documentation Roadmaps – Updated Glossary: new term includes Server Connection (in the MM8000 menu); clarified definitions of existing terms |
| MP4.20 | 06.2009 | <ul style="list-style-type: none"> – Added new NK823x Datasheets, NKA8011-A1 Installation Sheet, and MK SPC6000 OPC Specs documents to Reference Documents – Updated documentation Roadmaps – Updated Glossary: new terms include primary client, secondary client, and ULC mode event categories for MM8000 |
| MP4.15 | 08.2008 | <ul style="list-style-type: none"> Minor corrections addressing: <ul style="list-style-type: none"> – New document editions of MK8000 Interface Specifications (OPC multistate models) for <ul style="list-style-type: none"> – FC20: A6V10097200_b – SISTORE: 009428_c – Wrong document numbers in: <ul style="list-style-type: none"> – MK8000 Sales Presentation (007121_a instead of A6V10219113_a) – MM8000 MP3.20-04 Release Notes (A6V10075048_a instead of A6V10067812_a). – MM8000 MP3.15-02 Release Notes (008901_b instead of 008901_c). – Removed documents older than MP3.15 |
| MP4.15 | 06.2008 | Creation |

1 Reference documents

The most recently released documentation for customers can be found via the Siemens intranet using the Siemens Asset Portal at the following address:

<https://step.bt.siemens.com/portal/StandardAssetPortal>

1. In the Simple Search column on the left, set:

- Search Text: Enter the document number to search for (*A6V10089056*)
- Asset Type: **All**
- Image Type: **All**

2. Click **Search** to start.

3. In the resulting area on the right, click on **Contents** link to show the list of search results.

For more information such as Siemens news and announcements, visit the STEP Web portal at:

<https://workspace.sbt.siemens.com/content/00001123/default.aspx>

See the following tables for a complete list of all sales and technical documents for each product.

MM8000 Sales

| Category and Document Name | Document no. | Section# | Date | Last update |
|--|---------------|----------|---------|-------------------------------|
| 023 Datasheet (MM8000 full) | A6V10062415_a | 02 | 09.2016 | MP4.81 |
| 023 Datasheet (MM8000 Express) | A6V10371208_a | 02 | 09.2016 | MP4.81 |
| 053 System Description | A6V10062417_a | 03 | 09.2016 | MP4.81 |
| 039 Sales Presentation | ¹ | 05 | | |
| 074 Sales Guide | A6V10062427_a | 06 | 09.2015 | MP4.80 |
| 074 Tender Specifications | A6V10062419_a | 08 | 09.2015 | MP4.80 |
| 074 Offer Template | A6V10062429_a | 09 | 06.2010 | MP4.20 |
| 053 System Description Translation Kit (denoted by "TK" in filename) | A6V10062417_a | - | - | Available upon request |

MK8000 Sales

| Category and Document Name | Document no. | Section# | Date | Last update |
|----------------------------|---------------|----------|---------|---------------|
| 023 Datasheet | A6V10062405_a | 02 | 09.2016 | MP4.81 |
| 039 Sales Presentation | ¹ | 05 | | |
| 074 Sales Guide | A6V10061910_a | 06 | 09.2015 | MP4.80 |

¹ See the DMS8000 Online Toolbox:

<https://intranet.for.siemens.com/org/bt/en/business/products-systems/fire/danger/dms8000/Pages/dms-toolbox.aspx>

**NK8000/DF8000
Sales**

| Category and Document Name | Document no. | Section# | Date | Last update | |
|----------------------------|------------------------------|---------------|------|-------------|---------------|
| 023 | NK8232 Datasheet | A6V10238667_a | 02 | 09.2016 | MP4.81 |
| 023 | NK8235 Datasheet | A6V10238669_a | 02 | 09.2016 | MP4.81 |
| 023 | NK8237 Datasheet | A6V10316240_a | 02 | 09.2016 | MP4.81 |
| 023 | NK8231 Datasheet Eng and Ita | A6V10238662_a | 02 | 09.2016 | MP4.81 |
| 023 | NE8000 Datasheet | A6V10062421_a | 02 | 09.2015 | MP4.80 |
| 023 | NK8021 Datasheet | A6V10075902_a | 02 | 09.2015 | MP4.80 |
| 023 | DF8000 DF8003 Datasheet | A6V10081184_b | 02 | 06.2010 | MP4.30 |
| 039 | NK8000 Sales Presentation | ² | 05 | | |
| 074 | NK8000 Sales Guide | A6V10062439_a | 06 | 09.2015 | MP4.80 |

**DMS8000 and
Composer Sales**

| Category and Document Name | Document no. | Section# | Date | Last update | |
|----------------------------|--|---------------|------|-------------|---------------|
| 049 | DMS8000 Application Specification and Planning | A6V10063710_a | 04 | 09.2016 | MP4.81 |
| 023 | WW8000 Datasheet | A6V10062403_a | 02 | 09.2016 | MP4.81 |

**MM8000
Technical**

| Category and Document Name | Document no. | Section# | Date | Last update | |
|----------------------------|---|---------------|------|----------------|-------------------------------|
| 073 | Release Notes MP4.81 | A6V10062509_b | 01 | 04.2017 | MP4.81 |
| 048 | MM8000 ICC | A6V10062413_a | 02 | 09.2016 | MP4.81 |
| 048 | Autronica BSxx, ICC add-on | A6V10238656_a | 02 | 06.2009 | MP4.xx |
| 048 | LIST SCU 2000, ICC add-on | A6V10238692_a | 02 | 06.2009 | MP4.xx |
| 048 | MAXSYS PC601, ICC add-on | A6V10238694_a | 02 | 06.2009 | MP4.xx |
| 048 | CP100, ICC add-on | A6V10238690_a | 02 | 06.2009 | MP4.xx |
| 048 | MM8000 ICC R Card M5 add-on | A6V10064742_a | 02 | 06.2009 | MP4.xx |
| 048 | MM8000 ICC Modbus add-on | A6V10067800_b | 02 | 04.2017 | MP4.xx |
| 074 | MM8000 Application Note Modbus Draegar Regard | A6V10087908_a | 02 | 06.2006 | MP3.20 |
| 074 | MM8000 Application Note Modbus FibroLaser | A6V10087904_a | 02 | 06.2006 | MP3.20 |
| 048 | MM8000 ICC CDDL CDSF add-on | A6V10067787_a | 02 | 06.2009 | MP4.xx |
| 048 | MM8000 DLCS ICC add-on | A6V10067792_a | 02 | 06.2009 | MP4.xx |
| 048 | MM8000 GEUTEBRUECK add-on | A6V10067796_a | 02 | 06.2009 | MP4.xx |
| 048 | MM8000 ICC NICE add-on | A6V10097205_a | 02 | 09.2016 | MP4.xx |
| 022 | MM8000 Quick Reference Operation | A6V10067779_a | 06 | 09.2015 | MP4.80 |
| 022 | MM8000 Quick Reference ICC | A6V10075052_a | 06 | 09.2014 | MP4.70 |
| 052 | MM8000 Operation Manual | A6V10062409_a | 07 | 09.2015 | MP4.80 |
| 019 | MM8000 Localisation Eng Guide | A6V10062459_a | 08 | 09.2015 | MP4.80 |
| 052 | Operation Manual Translation Kit (denoted by "TK" in filename) | A6V10062409_a | - | - | Available upon request |
| 022 | Quick Ref Operation Translation Kit (denoted by "TK" in filename) | A6V10067779_a | - | - | Available upon request |

**MM8000
Product Specific**

| Category and Document Name | Document no. | Section# | Date | Last update | |
|----------------------------|-----------------------------|---------------|------|----------------|---------------|
| 019 | Web Services API for MP4 70 | A6V10438137_a | 05 | 09.2014 | MP4.70 |
| 052 | MM8000 Alarms App | A6V10443637_b | 05 | 04.2017 | MP4.81 |

² See the DMS8000 Online Toolbox:<https://intranet.for.siemens.com/org/bt/en/business/products-systems/fire/danger/dms8000/Pages/dms-toolbox.aspx>

Reference documents

**MK8000
Technical**

| Category and Document Name | | Document no. | Section# | Date | Last update |
|----------------------------|--------------------------|---------------|----------|----------------|---------------|
| 073 | Release Notes for MP4.81 | A6V10062455_b | 01 | 04_2017 | MP4.81 |
| 048 | MK8000 ICC | A6V10062407_b | 02 | 04_2017 | MP4.81 |

**MK8000 Interface
Specifications**

| Category and Document Name | | Document no. | Section# | Date | Last update |
|----------------------------|-----------------------------------|---------------|----------|----------------|---------------|
| 019 | MK8000 OPC Interface Specs | A6V10258594_a | 05 | 09.2015 | MP4.80 |
| 019 | CS11 EP5 (CC11+CK11, model V2.05) | 004974_f | 05 | 06.2008 | MP4.15 |
| 019 | CC11 EP7 / FC700A (model V1.07) | 007546_f | 05 | 06.2010 | MP4.30 |
| 019 | CK11 EP7 (model V1.01) | 007129_b | 05 | 10.2003 | MP1.30 |
| 019 | FG700A (model V1.01) | 008608_a | 05 | 10.2004 | MP3.10 |
| 019 | FC330A / CS1115 (model V2.00) | 009842_b | 05 | 06.2010 | MP4.30 |
| 019 | FC20 / FC720 (model V1.12) | A6V10097200_j | 05 | 09.2016 | MP4.81 |
| 019 | SIGMASYS (model V1.05) | 009846_c | 05 | 06.2011 | MP4.40 |
| 019 | STT20 (model V1.03) | 009847_c | 05 | 06.2012 | MP4.50 |
| 019 | STT2410 (model V1.04) | 009849_b | 05 | 06.2011 | MP4.40 |
| 019 | CC440 (model V1.05) | 004973_e | 05 | 03.2009 | MP4.20 |
| 019 | CC4 (model V1.07) | 007078_d | 05 | 03.2009 | MP4.20 |
| 019 | CZ12 (model V1.04) | 007079_d | 05 | 03.2009 | MP4.20 |
| 019 | CZ10 (model V1.08) | 007080_c | 05 | 06.2009 | MP4.20 |
| 019 | STT11 CPU (model V1.09) | 007081_e | 05 | 06.2011 | MP4.40 |
| 019 | DMS7000 (model V1.04) | 007082_c | 05 | 06.2008 | MP4.15 |
| 019 | GW-20/NK8210 (model V1.02) | 007122_b | 05 | 10.2003 | MP1.30 |
| 019 | GW-21 (model V1.01) | 007124_c | 05 | 10.2003 | MP1.30 |
| 019 | MK7022 (model V1.04) | 007125_b | 05 | 10.2003 | MP1.30 |
| 019 | SK11 (model V1.07) | 007127_b | 05 | 10.2003 | MP1.30 |
| 019 | CS6 Cuarto (model V1.02) | 007545_g | 05 | 06.2010 | MP4.30 |
| 019 | SPC (model V2.06) | A6V10238660_h | 05 | 09.2016 | MP4.81 |
| 019 | SI410 (model V1.07) | 008597_f | 05 | 06.2011 | MP4.40 |
| 019 | CC60 (model V1.02) | 007547_d | 05 | 06.2011 | MP4.40 |
| 019 | NK823x (model V1.03) | A6V10315224_c | 05 | 06.2012 | MP4.50 |
| 019 | NK82xx (model V2.03) | 007879_c | 05 | 06.2008 | MP4.15 |
| 019 | CF9000-DF8000 (model V1.02) | 007880_b | 05 | 06.2008 | MP4.15 |
| 019 | SIMATRIX standalone (model V1.03) | 007881_a | 05 | 10.2003 | MP1.30 |
| 019 | SIMATRIX integrated (model V1.01) | 009427_b | 05 | 06.2009 | MP4.20 |
| 019 | Philips-Burle CCTV (model V1.00) | 008085_a | 05 | 02.2004 | MP1.31 |
| 019 | SiPass (model V2.02) | 008607_c | 05 | 09.2015 | MP4.80 |
| 019 | TELSCAN (model V1.01) | 009426_a | 05 | 03.2006 | MP3.20 |
| 019 | SISTORE (model V1.06) | 009428_e | 05 | 06.2010 | MP4.30 |
| 019 | VIDEO CAMERA (model V1.04) | 009429_c | 05 | 06.2009 | MP4.20 |
| 019 | Manual Trigger (model V1.01) | A6V10373996_a | 05 | 06.2012 | MP4.50 |
| 019 | User (model V1.02) | A6V10374687_b | 05 | 09.2014 | MP4.70 |
| 019 | Station Model (model V1.05) | A6V10372963_c | 05 | 09.2014 | MP4.70 |
| 019 | XNET System (model V2.04) | A6V10403181_e | 05 | 04_2017 | MP4.81 |

MK8000 OPC Server

In addition to the documents listed below available that are available through the STEP documentation system and the OPC Foundation, the OPC Foundation publishes a number of other documents that are necessary and/or useful for understanding the underlying principles used in the MK8000 OPC Server. These PDF documents can be downloaded from www.opcfoundation.org. Select **Downloads** on the main page of the site. See "Comments" below for navigation details. *

* Registration may be required.

| Name | Date | Comments |
|---|------------|---|
| OPC DA 2.05a (Data Access Interface Specifications) | 2002-06-28 | OPC site: "Specifications" STEP: #004971_h |
| OPC via DCOM with XP SP2 | 2006-03-30 | OPC site: "White Papers" STEP: #004971_h |

**NK8000/DF8000
Technical**

| Category and Document Name | Document no. | Section# | Date | Last update |
|--|--------------------|----------|---------|---------------|
| 073 NK8000 Release Notes for MP4.80 | A6V10062453_a | 01 | 09.2016 | MP4.81 |
| 073 DF8000 DF8003 Release Notes for MP4.15 | A6V10081392_b | 01 | 06.2008 | MP4.15 |
| 048 NK8000 ICC | A6V10062437_a | 02 | 09.2016 | MP4.81 |
| 048 NK8237 Modbus GW ICC | A6V10316241_a | 02 | 09.2016 | MP4.81 |
| 048 NK8237 Firewall ICC | A6V10403182_a | 02 | 09.2015 | MP4.80 |
| 048 NK8237 IEC GW ICC | A6V10854379 | 02 | 09.2016 | MP4.81 |
| 019 NK8237 Interface Specs | A6V10316242_a | 02 | 09.2016 | MP4.81 |
| 019 NK8237 IEC GW Interface Specs | A6V10741020 | 02 | 09.2016 | MP4.81 |
| 048 DF8000 DF8003 ICC | A6V10081388_a | 02 | 06.2011 | MP4.40 |
| 020 DF8000 DF8003 Installation | A6V10094965_a | - | 06.2008 | MP4.15 |
| 020 DF8000 DF8020 Installation | A6V10094969_a | - | 06.2008 | MP4.15 |
| 020 DF8000 DF8040 Installation | A6V10094973_a | - | 06.2008 | MP4.15 |
| 020 DF8000 DF8045 Installation | A6V10094977_a | - | 06.2008 | MP4.15 |
| 020 DF8000 DF8046 Installation | A6V10094981_a | - | 06.2008 | MP4.15 |
| 020 DF8000 DF8090 Installation | A6V10094985_a | - | 06.2008 | MP4.15 |
| 020 NK823x Installation Sheet | A6V10238676_a | - | 06.2012 | MP4.50 |
| 020 NK8231 CEI Installation Sheet (Ita) | A6V10238658_a | - | 06.2012 | MP4.50 |
| 020 NK8237 Installation Sheet | A6V10316239_a | - | 06.2012 | MP4.50 |
| 020 NKA8011-A1 Mounting Plate Installation Sheet | A6V10252894_a | - | 06.2011 | MP4.40 |

**DMS8000 and
Composer**

| Category and Document Name | Document no. | Section# | Date | Last update |
|---|---------------|----------|---------|---------------|
| 054 WW8000 Technical Manual | A6V10062401_a | 03 | 09.2015 | MP4.80 |
| 022 WW8000 Quick Reference | A6V10067783_a | 06 | 09.2014 | MP4.70 |
| - Composer and Tools online help | - | - | 09.2015 | MP4.80 |
| 048 DMS8000 Connectivity Network | A6V10359485_a | 04 | 09.2015 | MP4.80 |
| 048 DMS8000 Connectivity Fire | A6V10359481_a | 04 | 09.2015 | MP4.80 |
| 048 DMS8000 Connectivity Intrusion | A6V10359489_a | 04 | 09.2016 | MP4.81 |
| 048 DMS8000 Connectivity Access Control | A6V10062451_a | 04 | 09.2016 | MP4.81 |
| 048 DMS8000 Connectivity Video | A6V10062457_a | 04 | 09.2015 | MP4.80 |
| 048 DMS8000 Generic DVR Integration | A6V10331273_a | 04 | 09.2015 | MP4.80 |
| 048 DMS8000 OPC Connectivity | A6V10065253_a | 04 | 06.2013 | MP4.60 |
| 048 Graphical Map Configuration | A6V10062441_a | 09 | 09.2015 | MP4.80 |
| 022 Quick Reference Graphical Map | A6V10069550_a | 06 | 09.2014 | MP4.70 |
| 016 DMS8000 Migration from DMS7000 | A6V10062443_a | 10 | 06.2009 | MP4.xx |
| 016 DMS8000 Migration from LMSmodular | A6V10085965_a | 10 | 06.2009 | MP4.xx |

Reference documents

OTHER

| Category and Document Name | | Document no. | Section# | Date | Last update |
|----------------------------|--|---------------|----------|---------|---------------|
| 057 | Binder Inserts | A6V10064708_a | - | 09.2016 | MP4.81 |
| 057 | Binder Labels | A6V10064712_a | - | 09.2016 | MP4.81 |
| 057 | DVD Labels | A6V10084703_a | - | 09.2016 | MP4.81 |
| 057 | Documentation Resource Information (this document) | A6V10089056_a | 01 | 09.2016 | MP4.81 |

2 Roadmap to Documentation

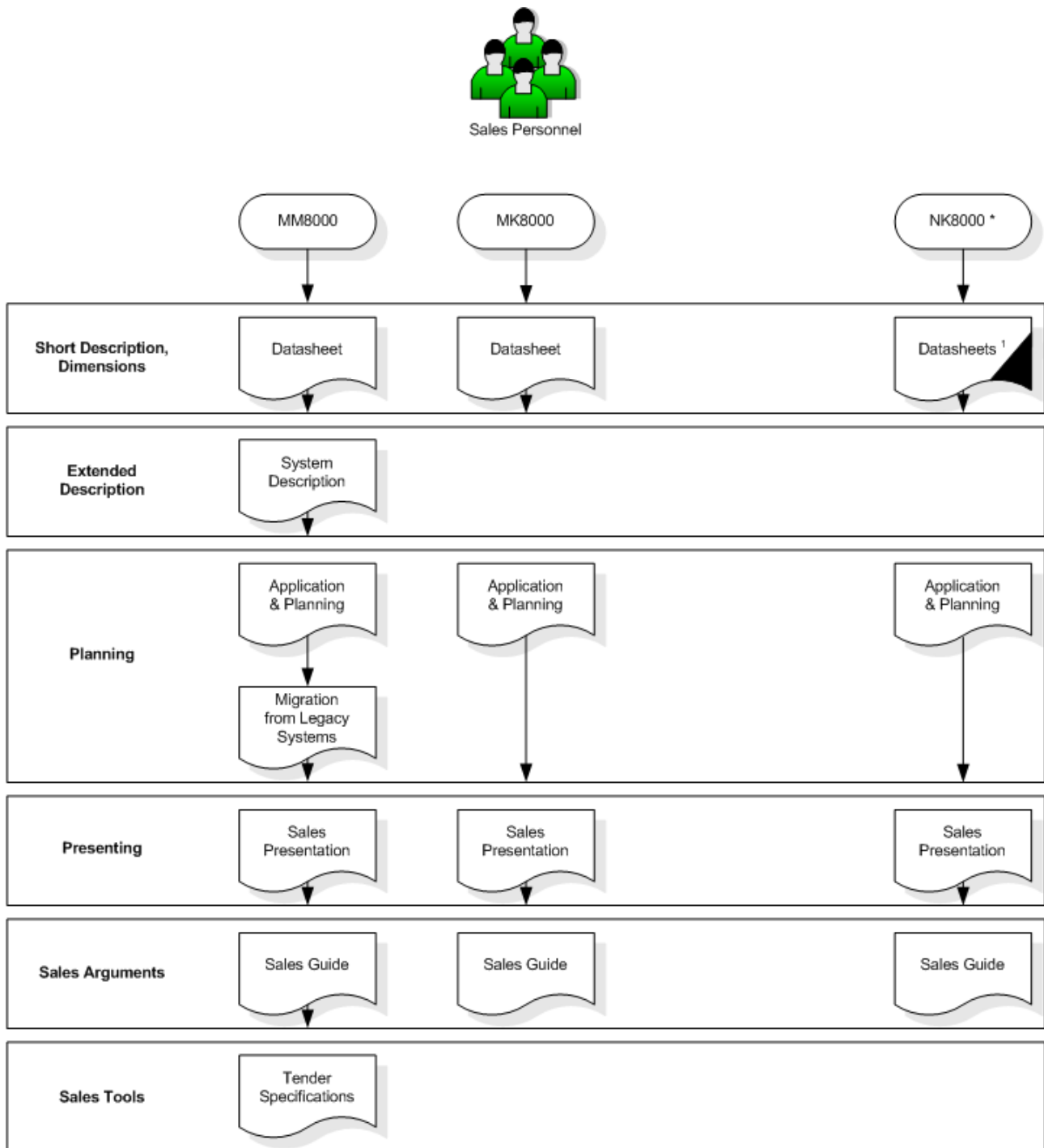
This chapter provides a graphical view of documents that were created for each target audience defined in the *About this Document* chapter in this guide. Also included is the purpose for each document as it relates to the target audience.

Note that target audience roadmaps are presented in the order in which they are defined in the *About this Document* chapter.

To use a roadmap, locate your appropriate target audience. Next locate the product you are interested in, and then see which documents pertain to you.

→ To learn how to obtain documents, see the *Reference Documents* chapter.

2.1 Target audience: Sales Personnel



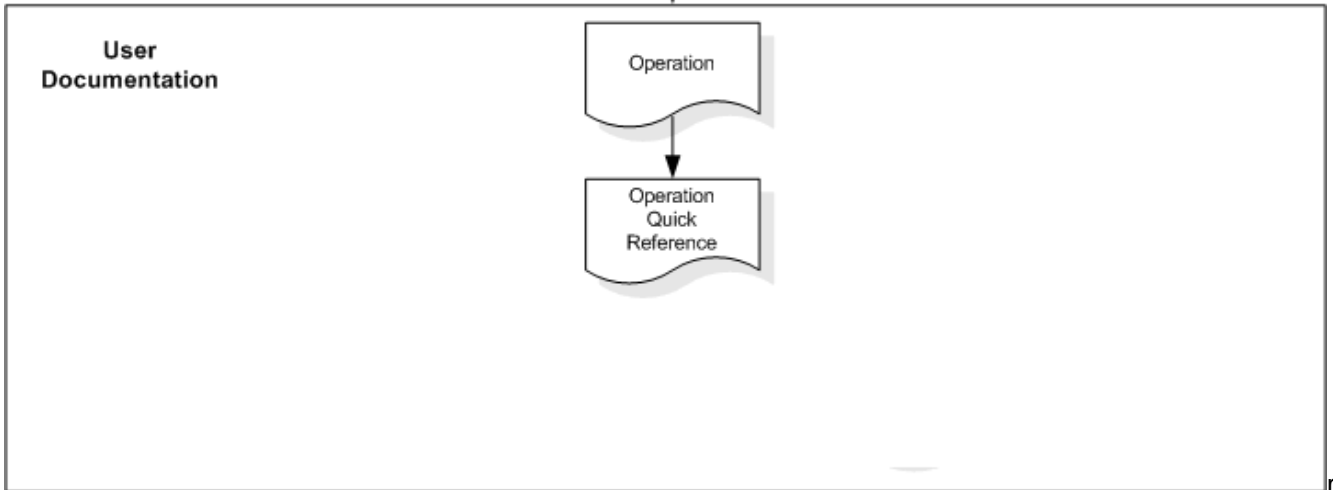
* NK8000 includes optional DF8000 I/O System product family:
 - DF8003
 - DF8020
 - DF8040
 - DF8045
 - DF8046
 - DF8090

¹ Includes:
 - NK8232
 - NK8235
 - NK8237 Modbus GW
 - NE8000
 - NK8021
 - DF8000/8003

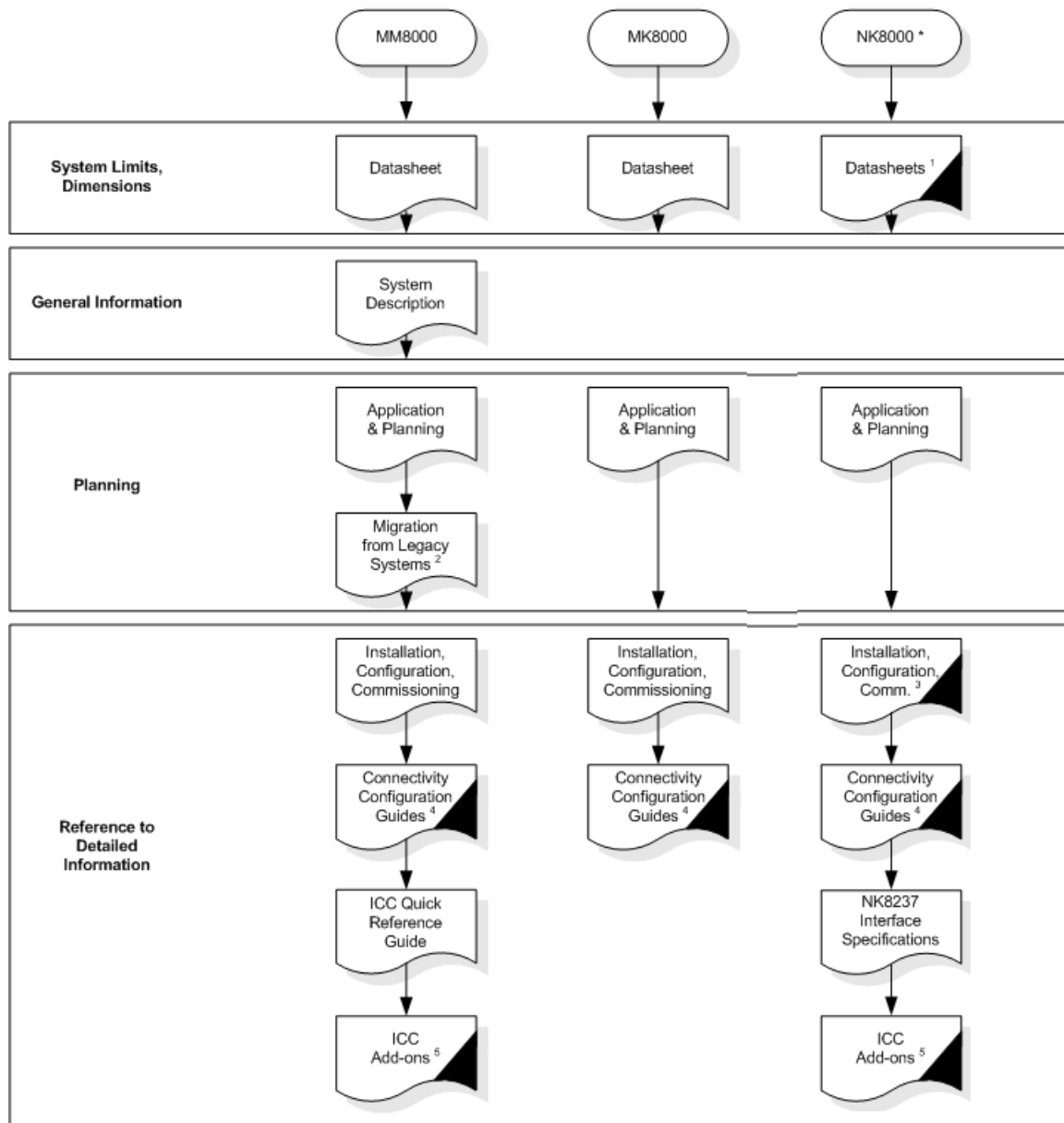
2.2 Target audience: End-user



MM8000



2.3 Target audience: Project Managers



* NK8000 includes optional DF8000 I/O System product family:
 - DF8003
 - DF8020
 - DF8040
 - DF8045
 - DF8046
 - DF8090

¹ Includes:
 - NK8232
 - NK8235
 - NK8237 Modbus GW
 - NE8000
 - NK8021
 - DF8000/8003

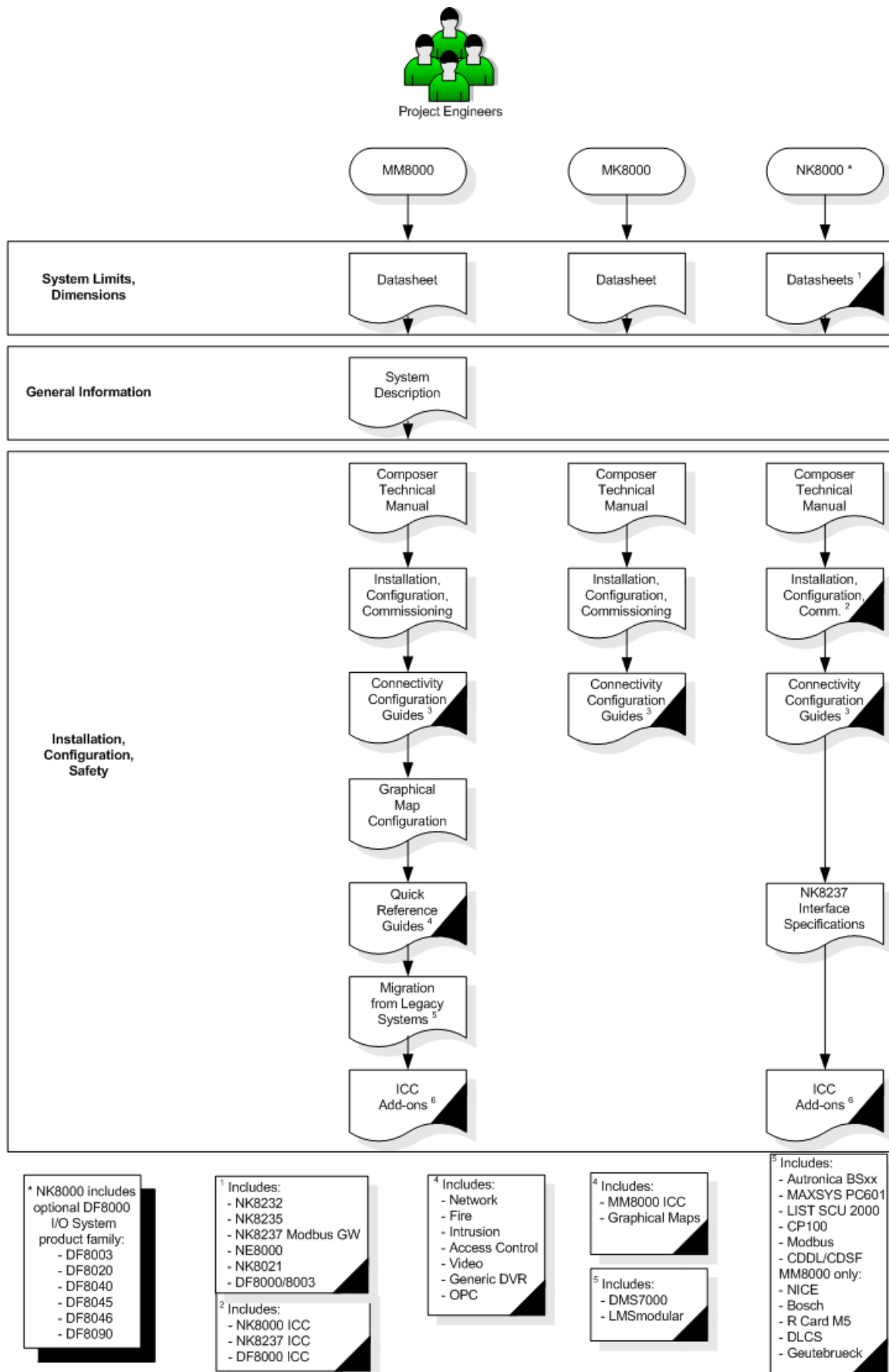
² Includes:
 - DMS7000
 - LMSmodular

³ Includes:
 - NK8000 ICC
 - NK8237 ICC
 - DF8000 ICC

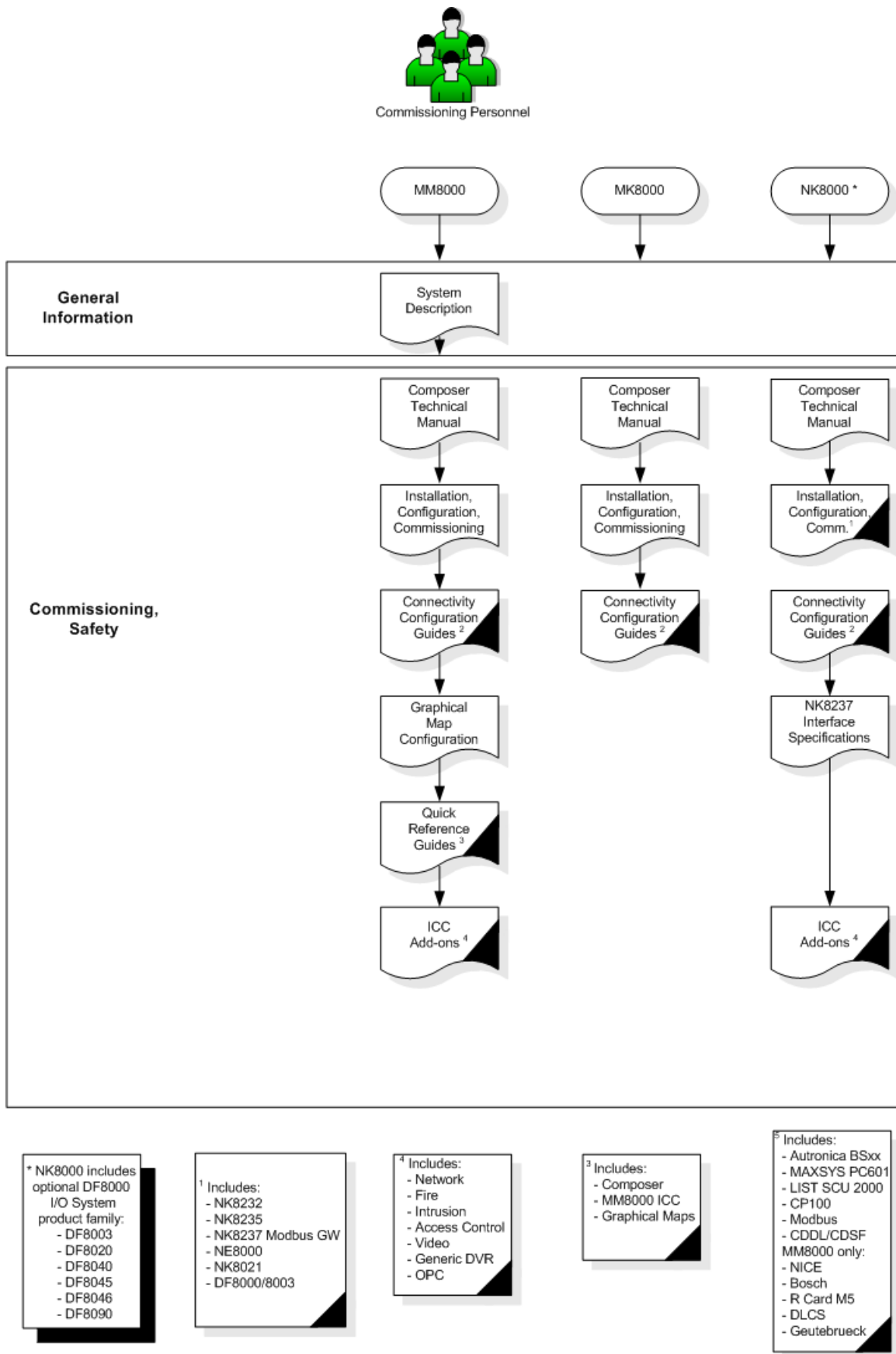
⁴ Includes:
 - Network
 - Fire
 - Intrusion
 - Access Control
 - Video
 - Generic DVR
 - OPC

⁵ Includes:
 - Autronica BSxx
 - MAXSYS PC601
 - LIST SCU 2000
 - CP100
 - Modbus
 - CDDL/CDSF
 MM8000 only:
 - NICE
 - Bosch
 - R Card M5
 - DLCS
 - Geutebrueck

2.4 Target audience: Project Engineers

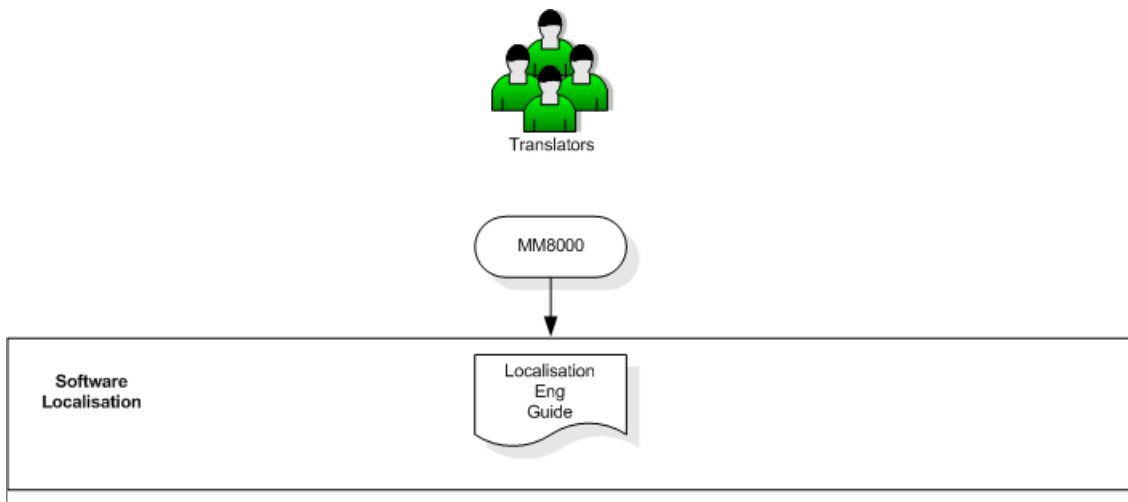


2.5 Target audience: Commissioning Personnel



2.6 Target audience: Translators

The roadmap below indicates the software localisation guides.



3 Customer support links & resources

3.1 Siemens BT CPS FS

Our Customer Support Centre intranet site at:

<http://intranet.siemens.com/bt/csc-fs>

provides useful information and links. In the Online Support section of this intranet page, software downloads, and known product issues can be found in the PSP (password-protected Product Support Platform).

The support mailbox is: fs.support.sbt@siemens.com

3.2 Microsoft

General support about Microsoft Windows can be found at:

→ <http://support.microsoft.com/>

Security issues:

→ <http://www.microsoft.com/technet/security>

3.3 Adobe Acrobat

To view the PDF document is necessary to install the program Adobe Acrobat Reader. You can find its free version at:

→ <http://get.adobe.com/reader/>

4 DMS8000 Glossary

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| Acknowledge | Your response to an event by reporting receipt of an alarm from the management station or field panel connected to the same network as the event. |
| Administrative tools | An option in the MM8000 menu. This option is for use by service technicians to access the system supervisor browser, the Address book, and the Composer project configuration application. |
| Advanced commands | A command button located in the information window in Point detail view of the Plant Browser provides access to “Advanced commands” in the detail window. Advanced commands are only available for certain control units (e.g. FS20). Advanced commands are typically for advanced users such as engineers and administrators. |
| Advanced filter | An option in the filter menu found in the event icon area. The advanced filter helps the operator identify events that have one or more attributes, such as unacknowledged Severe fire alarms. The advanced filter can be accessed through the filter icon located to the left of the event icon area. See also – <i>Quick filter</i> ; <i>Simple filter</i> . |
| Advisory | An event category. A notification that something in the system or the plant has occurred that you should be aware of. These are not situations that require any action on your part, but may affect how you react to other events. For example, an Advisory may occur when the system has changed from Night mode to Day mode. Another common cause of Advisories is when detectors have been switched to test mode, and then again each time a detector is triggered for the test. Note: For MM8000, in ULC mode, this event category is represented in the Event List by the acronym ADV. |
| Alarm | An event category. A notification that there is a situation that may become a problem and escalate to Severe alarm, and requires immediate attention from the operator. For example, an Alarm may be caused by situations such as (but not limited to) a high concentration of smoke (more than a cigarette, but less than a fire), or sabotage of an intrusion detector. Note: This event category is not available in MM8000 ULC mode. |
| Anomaly | An event category. An Anomaly is a reminder that something in the system is not normal, and that the situation may have an impact on your decisions. Like exclusions, this event indicates that a detector or group of detectors has changed. For example, an impaired detector will generate an Anomaly (where the physical configuration is wrong for the detector type – this can occur when a detector is replaced by one of another type). Note: This event category is not available in MM8000 ULC mode. |
| Applications | An option in the menu on the Summary Bar. When this option is available, it is the operator’s point of access to all other software applications available for use (for example, Microsoft Word) without needing to exit the MM8000. |
| Area | A group of sections. The highest level of the logical structure (Area, Section, Zone, Element). Each control unit can monitor one or more areas. |
| Assisted treatment mode | One of two possible event treatment modes in MM8000 (the other is Fast treatment mode). Assisted treatment provides complete event treatment support, including some or all of the following: treatment procedure checklist, interactive map of the facility, access to tools such as phone diallers, alarm printouts, event report generation. When there is a specific procedure that must be followed, assisted mode may be a required part of event treatment, and the event cannot be closed until the procedure checklist has been completed. |
| Audio alert | The sound that the MM8000 management station makes when an event occurs. This is different from the horn, which is activated by the control unit. |
| Automation level configuration | The Automation level configuration relates to the variety of possible connections of subsystems (control panels, such as AlgoRex) via possible network structures to the DMS (connectivity of automation level subsystems to management level). |
| BACnet® | Building Automation and Control Network. A data communication protocol (ANSI/ASHRAE Standard 135-2004). BACnet allows devices from multiple manufacturers to communicate with each other on a network. |
| BAU | Business Unit of the Building Technologies Division of the Siemens Infrastructure and Cities sector. |
| BMS | Building Management System. In the DMS documentation, the term BMS commonly refers to the DESIGO system and to the related Siemens Total Building Solution. |
| Browsers | An option in the menu on the Summary Bar. Launch the Plant and History Browsers, and the Scheduler from this menu option. |

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| BT | Siemens Building Technologies Division. |
| Building Safety | (MM8000 – ULC only) An event category in ULC mode for events associated with property and building safety (e.g. from HVAC systems).. This event category is represented in the Event List by the acronym BLDG. |
| Buzzer | The sound that the management station makes when an event occurs. This is different from the horn, which is activated by the control unit (and is much louder than the buzzer). |
| CDDL/CDSF | Serial protocol proposed as standard for interfacing control units to DMS hosts via NK82xx or CDI-Net gateways. It is organised in two parts: CDDL (Cerberus Dati Data Link), supporting a polling-selecting data-link protocol (ISO/OSI level 2) for binary packets; CDSF (Cerberus Dati Standard Format), providing an object oriented application protocol (ISO/OSI level 7) for representing control units as a set of multiple-state objects. This protocol is still used for some control units, including the SIMATRIX CCTV crossbar. |
| CDI-Net | A Legacy network family, which has been phased-out but is still supported in MM8000/MK8000. The <i>CDI-Net</i> network provides various point-to-point connectivity solutions for Siemens fire, safety, and intrusion control units. The network has a star topology with a central concentrator, and optionally smaller peripheral concentrators (1 or 2-level networks). The CDI-Net devices communicate with DMS supervision systems over an RS232 serial line, using CMSDL proprietary protocol. The <i>CDI-Net</i> unit list includes GW20 and GW21 gateways, and Cerban splitter. |
| CDI-WAN | See also – <i>NK8000</i> . |
| Cerban | Serial, point-to-point interface protocol for Siemens fire, safety, and intrusion control units. Physically, it can be based on TTL or V24 (RS-232) signals. When equipped with Cerban interface cards, the control units can provide access to an external DMS computer on <i>CDI-NET</i> or <i>NK8000</i> (formerly CDI-WAN) network. |
| Cerloop | The Cerloop network provides a redundant connectivity solution for Siemens fire, safety, and intrusion control units. The network has a ring topology, and each unit can communicate via two different wiring paths, thus assuring a redundant link in case of failure in any point of the loop. In order to communicate with a DMS supervision system such as MM8000, the Cerloop network should include one or more interface communication units, called MK7022, which provides access to an external computer system via an RS232 serial protocol based on the ISO1745 standard. From a Cerloop ring equipped with MK7022, access to a DMS computer is possible both directly, and via a larger <i>CDI-NET</i> or <i>NK8000</i> (formerly CDI-WAN) network. |
| Cerloop Driver | Used in WW8000 Composer during the configuration process. An ISO1745 network driver. See also – <i>NS8210</i> . |
| CF9000 | See also – <i>DF8000</i> . |
| CGF | DMS8000 Connectivity Guide Fire configuration manual. |
| CGI | DMS8000 Connectivity Guide Intrusion configuration manual. |
| CGN | DMS8000 Connectivity Guide Network configuration manual. |
| Class | See also – <i>Item class</i> . |
| Client | A client is an application or system that accesses a service made available by a server. The server is often (but not always) on another computer system, in which case the client accesses the service by way of a network. |
| Closed mode | The workstation is dedicated to the product and only the system user interfaces that are configured as accessible by the customer are available. The Summary Bar, and Event List user interfaces are always visible and cannot be covered by user interfaces. The user is not allowed to access the operating system functions. |
| CNAP | CerCom Native Application Protocol. |
| Command | A sequence of operations that can be performed with the push of a single button by the end-user. For example, switching a number of control units from set to unset mode, or excluding a series of rooms. Commands need to be defined by the customer prior to configuration, and are part of the operator's profile. |
| Command | A control action that can be performed by the end-user. For example, switching a number of control units from night to day mode, or excluding a series of rooms. |

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| Composer | WW8000 Composer is the easy-to-use configuration tool used to customise the products of the entire DMS8000 family. |
| Control unit | The physical unit that is connected to a group of detectors and actuators (for example, FC20 fire detection). The control unit, often referred to as a control panel because of the front panel, receives messages from and sends commands to the detectors. When a control panel is connected to a management system, it behaves as a translator between the detectors and the management system. It receives commands from the system, and communicates them to the detectors, and it receives messages from the detectors and communicates them to the system. |
| CPS | Control Products & Systems. |
| CSC | Customer Support Centre. |
| Customer text | Application-oriented text that describes an object in the Plant Browser hierarchical tree that is meaningful for the customer. For example, customer text for a fire zone may be "Corridor east first floor". See also – <i>Technical text</i> . |
| DA | Data Access. The most important specification in the series of standard OPC specifications. |
| Data point | The software representation of any item whose state can be changed. Changes of state can occur on sub-systems, groups of subsystems, sections, zones, and detectors. |
| Day Mode | The normal daytime settings of the detectors in the plant. With intrusion, the detectors are typically 'unset'; with fire, they are typically 'manned'. |
| Default user | Even though not explicitly defined in Composer, MM8000 can support a <i>default user</i> , which is associated to the automatic logon and granted the access to the minimum set of MM8000 menu options. By default, the default user is named "Dixie_User" and is part of the MM8000 group with lowest capability. The MM8000 automatic logon with the default user is set when the closed mode is activated by means of the "LockSystem" command. Should a different user or user group be required, a customised username and password may be defined. Note that, unlike "Dixie_User", the customised auto-logon user should also be defined in Composer. |
| Depth | In MM8000 maps, a depth is a combination of layers at a zoom factor dynamically defined at runtime. Depths are used to create additional navigation steps (diving) through the different levels of objects on a map (e.g.: area/section/zone/element levels). See also – <i>Layer</i> . |
| Detail window | The area to the lower right of the plant browser (it must be expanded to be visible) and the lower half of the point properties window. When the operator selects one of the conditions in the information window, the detail window shows all of the detectors or areas that are currently in that condition. For example, when the operator selects 'alarm' in the information window, all the detectors in alarm in that area will display in the detail window. |
| DF8000 (formerly CF9000) | Digital input/output system, based on modular units distributed over RS485 bus lines. Family of products includes: DF8003, DF8020, DF8040, DF8045, DF8046, and DF8090. |
| Discipline | A building control field or specialty such as fire, intrusion, access control, and video. |
| Disconnect | To exclude an individual detector. See also – <i>Exclude; Turn-Off</i> . |
| Distributed System (MK8000) | One of the MK8000 architectures. In this solution, a set of networked stations can provide the system functionalities in different locations. Distributed system includes: One server station (Stand-Alone) equipped with the OPC DA server software. One or more FEP (Front-End Processor) stations, providing extended communication capabilities. |
| Distributed System (MM8000) | One of the MM8000 architectures. In this solution, a set of networked stations can provide the system functionalities in different locations. Distributed system includes: One main station, providing the background tasks (servers) and - optionally - the communication tasks and user interface (Client task). One or more client stations, providing the user interface. Optionally, one or more FEP (Front-End Processor) stations, providing extended communication capabilities. See also – <i>Single-station System</i> . |

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| DMS | <p>Danger Management System. The term DMS is commonly referenced in two contexts.</p> <p>The first, 'DMS8000', refers to the Siemens family of Danger Management System products, which includes the MM8000 management station and the MK8000 OPC Server as well as the connectivity and configuration solutions, NK8000, the DF8000 I/O system, and WW8000 Composer.</p> <p>The second, 'DMS', refers to the management stations in the DMS8000 family. Those are the MK8000 and MM8000. When using this manual, reference is made to the 'DMS'. This means the specific product that you are currently configuring.</p> |
| Dome camera | The dome camera is named for its dome shape. These cameras are mounted on the ceiling or on a wall in both indoor and outdoor video applications. |
| Drift | A type of Fault. When a fire detector has drifted, it is dirty and needs to be cleaned in order to function properly. |
| DWG | A computer file format produced by an AutoCAD graphics program. |
| DXF | A computer file format produced by an AutoCAD graphics program. |
| EDE | Electronic Data Exchange. A common format for sharing BACnet databases between automation systems. |
| Element | Typically a detector, manual call point, signalling device, contact, etc. For example, an element can be a detector in room 101 on the first floor. |
| Emergency | (MM8000 – ULC only) An event category in ULC mode for events related to life safety conditions (e.g. gas, burglary, ...). This event category is represented in the Event List by the acronym EMG. |
| Event | A security situation that the operator either needs to be aware of, or needs to respond to. Typical event categories are: Severe alarm, Alarm, Fault, Exclusion, Anomaly, non Default, and Advisory. |
| Event counter | Any one of the boxes located in the Summary Bar. The Event counter notifies the operator that there is a situation that either requires attention (in the case of Alarm, Severe Alarm, or Fault), or that the operator should be aware of (in the case of Exclusion, Anomaly, Advisory, or non Default). |
| Event filter | A tool used to display only certain kinds of events in the Event List. Event filters are useful when there are a high number of open events and the operator needs to isolate events of a certain type (such as severe alarms or alarms that are waiting to be treated). See also – <i>Quick filter</i> , <i>Simple filter</i> , <i>Advanced filter</i> . |
| Event icon | Event icons are displayed in the left-hand column of the MM8000 window and serve as access points to event treatment. An icon displays when an event has occurred, and remains visible until the event is closed. Event icons appear differently depending on the category and treatment state of the event. For example, a severe alarm is red, while an anomaly is grey. An unacknowledged event flashes while an event that requires no further action remains steady. |
| Event icon area | A dedicated area on the left side of the screen that is always visible, and serves as an access point to event treatment. When an event occurs, an icon representing that event is displayed. Selecting the icon allows you to treat the event. |
| Event List | A list of open events displayed in the work area that is essentially an extension of the event icons. It resembles the fast treatment window, providing details about the current state of the event, where it occurred, and what action needs to be taken next. |
| Event note | A note for an event that the operator can enter during the event treatment. |
| Event treatment | The actions taken in response to an event such as calling the police, turning off a detector, or filing a report. Event treatment can be <i>manual</i> or <i>automatic</i> , depending on the selection mode, <i>fast</i> or <i>assisted</i> , depending on the type of guidance provided by the system. Assisted treatment can be <i>guided</i> or <i>free</i> , depending on how the MM8000 is configured. |
| Exclude | To disconnect a detector or turn-off a section. Excluding a detector or section triggers an Exclusion event. See also – <i>Exclusion</i> , <i>Anomaly</i> , <i>Disconnect</i> , <i>Turn-Off</i> . |
| Exclusion | An event category. An Exclusion alarm occurs when the state of a detector or sections has changed creating a situation that could be a security risk, such as the disconnection of an intrusion detector that monitors a high-security area. Note: For MM8000, in ULC mode, the Exclusion event category is for all exclusions, with the exception of Supervisorries. This event category is represented in the Event List by the acronym EXCL. |
| Fast treatment mode | Fast mode allows for basic treatment and contains command icons for acknowledging, resetting, suspending, and closing an event. |

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| Fault | An event category. A Fault alarm occurs when there is a technical problem or failure of a detector or other security equipment. Note: This event category is not available in MM8000 ULC mode. |
| FEP | Front End Processor. A dedicated PC that connects the Server to the control units in the field. See also – <i>Distributed System</i> . |
| Fire Alarm | (MM8000 – ULC only) An event category in ULC mode. This event category is represented in the Event List by the acronym ALM. |
| Free treatment | A form of assisted treatment (the other is 'guided treatment'). With free treatment, a series of treatment tools are made available for the operator to use as they deem appropriate to the situation. Actions performed during free treatment are not recorded in the history browser. |
| FS | Fire Safety (FS). Part of the Siemens Building Technologies Division, Control Products and Systems (CPS) Business Unit. |
| FS20 | Siemens fire detection system (distributed as FS20 Sinteso™), including FC20 fire control units and FT20 fire terminals. |
| FS720 | Siemens fire detection system (distributed as FS720 Cerberus PRO), including FC720 fire control units and FT720 fire terminals. |
| FTP | File Transfer Protocol. |
| Function | A group of actuators (or control elements) in the ST11, STT20, and STT2410 units. |
| Geographical view | A 'view' of the hierarchical tree of the plant browser. Geographical view shows the geographical organisation of the detectors in the facility by building, floor, section and room. |
| Guided treatment | A form of assisted treatment (the other is 'free treatment'). With guided treatment, a treatment procedure checklist is provided and some or all steps in this procedure must be completed before the event can be closed. All actions performed during guided treatment are recorded for review in the history browser. |
| GW20 | Phased out gateway of the <i>CDI-Net</i> family. The GW20 gateway supports up to 20 RS232 lines to subsystems (downstream), and up to 4 RS232 lines to the DMS (upstream). See also – <i>CDI-Net</i> . |
| GW21 | Phased out gateway of the <i>CDI-Net</i> family. The GW21 gateway supports up to 4 RS232 lines to subsystems (downstream), and up to 2 RS232 lines to the DMS (upstream). See also – <i>CDI-Net</i> . |
| Head end | The head end of a system is the Management Station on the management level providing the User Interface to the final user. |
| Help | An option in the menu. The on-line help provides a searchable set of information, and contains instructions on performing common tasks. |
| Hierarchical level concept | A Danger Management System can be structured into 3 hierarchical levels: Management level (central evaluation) The majority of the human interface takes place at this level. Standard computers running a variety of display, management, and analysis software packages usually provide the functionality. Automation level (local evaluation and data communication) The majority of the real-time control functions are carried out at this level. The devices are self-contained controllers and communication products distributed as required within the building. The local evaluation part consists mainly of the control units. The data communication part consists of the transmission path between the local control units and the central DMS system. Field level (data acquisition) This level contains the devices that connect to the physical items of a plant, including sensors and actuators. Products in this level are simple in nature, but may provide some local control and safety-functions. At this level we can find elements as: – Automatic detectors – Manual call points – Signalling devices, contacts – Control elements The individual elements are usually combined in alarm zones and are connected to the control unit. |
| History Browser | Detailed records of events, operator activity, and system behaviour are contained in a database and are accessible through the History Browser (by authorised users). The most common uses of the History Browser are: creating monthly activity reports (usually on events); researching specific events; and analysing event behaviour (for example, to understand causes of false alarms). |

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| Horn | The sound triggered by a control unit when an event occurs. This is different from the sound made by the MM8000 management station (see also Buzzer). |
| HVP | (Siemens) Heating and Ventilation Products. |
| ICC | Product-specific Installation, Configuration and Commissioning manual (MM8000, MK8000, NK8000). |
| Include | To turn-on a detector (or section) that has been excluded (turned-off). See also – <i>Exclude</i> ; <i>Exclusion</i> . |
| Interaction | In NK8000, pre-configured automatic responses and actions that are triggered by a change of state. For example, acknowledging a fire alarm could trigger an output module to stop the ventilation system, or a change in organisation mode could trigger lights to be turned on. <i>Local interactions</i> can occur between subsystems connected to the same NK8000 unit. <i>Network-wide interactions</i> can occur between subsystems connected to different NK8000 units across the network. |
| Internal user | In order to exchange data messages between tasks, DMS8000 systems require a Windows user account that is used as an identifier to get the necessary permissions from the Windows operating system. By default, this user is called "DMS8000_PROC". This default setting can be changed if, during the software setup, you select the "Restricted Security option and fill out the fields for the account name and password. It is very important not to change the data associated to this user in the Windows user list. Modifying the information of the internal user will prevent the MM8000 or MK8000 tasks from working properly and require a complete re-installation. |
| ISO | International Standards Organization. World wide federation of national standards institutes, promoting the development of standardisation of goods and services. |
| ISO1745 | RS232 serial protocol based on the ISO1745 standard. See also – <i>Cerloop</i> . |
| Item class | Also called MM8000 OPC item class. It defines the interpretation rule of the OPC data and the conversion applied to adapt it to the MM8000 data object structure (CNAP format). |
| LAN | Local Area Network. |
| Layer | A layer is part of a graphic map. Actually, a map is made up of multiple layers that are shown together like multiple overlapped transparencies. There can be Background and Foreground layers: background layers typically include CAD drawing and other objects representing the protected buildings, whereas database objects are contained in the foreground layers. See also – <i>Depth</i> . |
| Logical view | A view in the hierarchical tree of the plant browser. Logical view shows how detectors are conceptually grouped in levels such as areas, sections, and zones. |
| LON® | Local Operating Network, registered trademark of Echelon Corp. |
| Main view | A view in the hierarchical tree of the plant browser. Main view shows the entire contents of the tree as they are seen in the physical and logical views. |
| MAN | Metropolitan Area Network. |
| Management level configuration | The Management level configuration relates to the configuration possibilities of DMS Client/Server structure itself, without taking into account any subsystem connectivity. The DMS acts as a management level gateway providing downstream connectivity to the automation, and exposing data upstream via the user interface. |
| Manual task | A runtime-programmed task defined in the Scheduler that specifies a simple procedure of up to two commands on one or more points, possibly separated by a fixed delay. For example, excluding and then re-including a zone. |
| Map | MM8000 can handle large graphic maps, representing an entire building floor with as many dynamic points as required. Maps can be navigated with zooming and panning controls. Maps are organised in multiple layers, which can be Background and Foreground layers. At least one background and one foreground layer are present in any map. |
| Map view | A way of viewing data in the Plant Browser (the other options are Point detail view and Video view). With Map view, you see data about detectors, areas, sections, etc. in a geographical layout. You can navigate through the map as an alternative to the hierarchical tree. |
| Menu | The menu is located to the right of the Summary Bar. It contains a drop-down list of the different functions available in the system. Only the functions shown in black (not in grey) are active and available for use by the operator. These are determined by the operator's user permissions. |

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| Metafile | A configuration file that is generated by the configuration tool of a corresponding control unit. It contains all the details of the local configuration (all the objects handled by a particular control unit). The information in this file can be read by and integrated into the DMS8000 internal database (import procedures), ensuring accuracy, and saving configuration time. |
| MK7022 | Communication unit of the former DMS7000 family of Danger Management System products, used to connect a DMS to a Cerloop network. See also – <i>Cerloop</i> . |
| MK8000 | OPC DA Server for subsystems. |
| MM8000 | Danger Management Station. |
| Night Mode | The normal night time settings of the detectors in the plant. With intrusion, the detectors are typically 'set'; with fire, the detectors are typically 'unmanned'. |
| NK8000 | Formerly called CDI-WAN, NK8000 network provides local or wide area connectivity solutions over IP networks for fire, safety, and security control units. In order to communicate with a supervision system such as MM8000, the NK8000 units (NK823x) provide a serial upstream connection, as well as a TCP/IP upstream connection, using CMSDL/IP proprietary protocol, CEI79 standard protocol, and BACnet standard protocol. |
| NK8232 | Replacement for previous NK8222. Based on a new RoHS Regulation compliant hardware with dual Ethernet interface (for redundant networking), 3 digital inputs/1 relay output, USB port, storage expansion possibility, and backward compatibility to NK8222. |
| NK8235 | Replacement for previous NK8223 and NK8225. Based on a new RoHS Regulation compliant hardware with dual Ethernet interface (for redundant networking), 3 digital inputs/1 relay output, USB port, storage expansion possibility, and backward compatibility to NK822x. |
| NK8237 | Used as a gateway between Sinteso (or Cerberus PRO) fire detection systems and Modbus head-end/automation systems on LAN or over a serial line. It provides for bi-directional Modbus RTU and TCP/IP connectivity to Sinteso or Cerberus PRO fire detection systems. |
| non Default | An event category. A non Default event always indicates that the detector is still on and functioning, not that it has been excluded in any way. It is generated when a detector (or area, zone, etc.) is functioning properly, but has been switched so that it behaves differently from when it's in its usual (or default) state. For example, if a fire detector is set to a higher or lower sensitivity level, or a detector or group of detectors is set to maintenance mode, a non Default alarm will be generated. Note: This event category is not available in MM8000 ULC mode. |
| NS8010 | NS8010 enables the link to a Cerloop network via the Cerloop port communication unit MK7022 or direct links to CS11 or FC700A fire detection systems (ISO1745 protocol). See also – <i>Cerloop</i> . |
| NS8011 | <i>BACnet</i> driver: one of the possible communication components. NS8011 enables the link to NK823x, to DESIGO PX building automation units, and to FS20 fire detection systems. |
| NS8012 | <i>CDI-Net</i> driver: one of the possible communication components for MM8000 and MK8000. NS8012 enables the link to GW20 and GW21 gateways as well as to NK823x when configured in serial mode. See also – <i>CDI-Net</i> . |
| NS8013 | <i>SPC6000</i> driver: one of the possible communication components for MM8000 and MK8000. NS8013 enables the direct link to SPC6000 intrusion detection systems. |
| NS8014 | <i>SI410</i> driver: one of the possible communication components for MM8000 and MK8000. NS8014 enables the direct link to Sintony intrusion detection systems. |
| NS8015 | <i>CNDL</i> driver: one of the possible communication components for MM8000 and MK8000. NS8015 enables the direct link to CS1115 and FC330A fire detection systems. |
| NS8210 | <i>NK8000</i> Network driver: one of the possible communication components for MM8000 and MK8000. NS8210 enables the link to NK823x when configured in LAN mode. See also – <i>NK8000</i> . |
| ONVIF | The ONVIF (Open Network Video Interface Forum) specification defines a common protocol for the exchange of information between network video devices. |
| OPC | OLE for Process Control (OPC) is a set of standard interfaces based upon Microsoft's OLE/COM/DCOM technology. The application of the OPC standard interface makes possible interoperability between automation/control applications. |
| OPC client | A Windows application (COM/DCOM client) with the ability to connect to an OPC server application. |
| OPC DA | OPC Data Access. The most important specification in the series of standard OPC specifications dealing with real-time data. |

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| OPC item | A single data element that resides within the OPC Server and reflects a state or a value within a control unit, a device or a sensor. |
| OPC item class | See also – <i>Item class</i> . |
| OPC server | A COM/DCOM server application that provides the necessary methods as defined by the OPC Specification. |
| Operator | The person responsible for treating events using the management station. The operator is usually either a member of the security force, or the fire brigade. |
| Organisation Mode | A block of time defined in the Scheduler, such as “open”, “closed”, “lunch”, “weekend”. The system may be pre-defined to behave in a certain way based on the type of Organisation Mode it is in. The start and end times for one or more Organisation Modes can be modified for any given day. See also – <i>Scheduler, Time program</i> . |
| Page | An MM8000 page is a view, at a selectable zooming factor, of a map’s depth. |
| PAK | Product Activation Key: a 16-character code, associated to a hardware key (dongle) that enables DMS8000 software to run and to perform. |
| Physical device | A device that has a physical implementation and is managed by a DMS8000 system, which can provide a logical representation of its status and support control actions to modify its conditions. License fees, among other parameters, are based on the capability of handling a number of physical devices. |
| Physical view | A view in the hierarchical tree of the plant browser. Physical view shows the hardware units, lines and devices in the danger management system. |
| Plant | The physical location being protected by the security detectors and controlled with the DMS. Synonyms are: facility, site, building, area, etc. |
| Plant Browser | Each detector and security device in the plant can be monitored and controlled through the Plant Browser. The Plant Browser can be launched through the browsers option on the menu (located on the Summary Bar). |
| PL-DMS | Product Line Danger Management Systems. |
| Plug-In | A subsystem tool used during the configuration process in Composer. Plug-ins are typically installed along with the MM8000 and MK8000 products, and are represented as icons in the Composer toolbar. |
| Point detail view | A way of viewing data in the Plant Browser (the other options are Map view and Video view). With Point detail view, the operator can view data about detectors, areas, sections, etc. in a textual format that is displayed in a grid in the right half of the screen. |
| Point Properties window | A window that provides information about an item selected in the Plant Browser tree, or selected in a map (either from Map view in the Plant Browser, or from a map in assisted event treatment). The Point Properties window displays information about a specific area in the facility, and allows the operator to perform commands on an Area, Section, or Zone. Additionally, a detector or group of detectors can be put into maintenance mode in the Point Properties window. |
| Primary client | A workstation that has full control over sending all field commands. This means that the primary client station is the only station from which commands can be sent to devices – either during event treatment or via the Plant Browser. What the operator can see and the commands s/he can send on a primary client station are determined by user privileges. |
| PSP | Product Support Platform: available from CSC Homepage. |
| PSTN | Public Switched Telephone Network. |
| PTZ camera | A motorised video camera that can support a remote control for positioning (Pan/Tilt) and lens adjustment (Zoom). |
| Query | A report template in the history browser. You create a query to generate an event or system history report. It is where you set the parameters that determine which information you will see in the report. |
| Quick filter | A filter that allows the operator to view events of a single category. For example, the operator can set the filter to display only Severe alarms in the Event List. The operator activates this filter by selecting the event counter that corresponds with the event category that he/she wants to display on the list. See also – <i>Advanced filter, Simple filter</i> . |
| RC | Regional Company. |

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| Reaction | In MM8000, pre-configured automatic responses and actions that are triggered by a change of state. For example, acknowledging a fire alarm could trigger an output module to stop the ventilation system, or a change in organisation mode could trigger lights to be turned on. Reactions can also call sequences. See also – <i>Sequence</i> . |
| Registration | A unique record of system activity. Registrations are stored in the History Browser database and contain information about event treatment details, operator activity and system behaviour. Registration data includes date, time, operator ID, location, etc. For a complete list of information contained in registrations, see the History Browser section. |
| Remote Transmission | The notification to a remote destination of an abnormal condition detected by a control unit (e.g. alarm, fault). Typical destinations are the Fire Brigade or the Police. |
| Remote Transmission device | A device that is connected to a control unit. The control unit is set to trigger this device under a specific set of circumstances. For example, a control unit may be set to trigger a remote dialler to call the fire station if an event is not acknowledged within 5 minutes. |
| Renovation mode | When fire panel detectors are set to a low sensitivity level. Typically, <i>normal</i> mode for a section or zone is changed to this mode when, for example, maintenance, renovations or repairs in a certain area may cause false alarms. The behaviour of the control unit remains the same, but the detector(s) require more smoke or dust before the unit will generate an event. See also – <i>Revision mode</i> . |
| Reoccurring event | A new event from the same data point that is currently in treatment has been regenerated with the same level of severity. |
| Report | 1) An event treatment step where details pertaining to an event can be noted. 2) A system history report that can be generated in the history browser by completing a query. The report contains data about which events occurred, when, who treated them, etc. |
| Reset | The alarm command that allows the operator to reset the panel once the physical conditions that cause an event are gone. |
| Revision mode | When fire panel detectors are set to a high sensitivity level. Typically, <i>normal</i> mode for a section or zone is changed to this mode when, for example, you need to quickly generate real alarms in a section or zone to check outputs. Also, in this mode, remote channels are disabled (so there are no automatic calls to the fire brigade). See also – <i>Renovation mode</i> . |
| SAFEDLINK | A physical redundant network of an FS20 fire detection system, designed for fault-tolerant fire protection solutions. |
| SCADA | Supervision Control And Data Acquisition. |
| Scheduled task | A runtime-programmed task defined in the Scheduler that specifies a set of commands on one or more points on a certain date and time, or on a periodic basis. |
| Scheduler | Launched through the Browsers option in the Menu (located on the Summary Bar). Access the Scheduler to view and/or modify pre-defined Organisation Modes and/or Time programs, and to create Manual and Scheduled tasks. See also – <i>Manual task, Scheduled task, Organisation Mode, Time program</i> . |
| SDK | Software Development Kit. A set of development tools that allows software engineers to create applications for a certain software package. In the context of the SDK documents, the term SDK may refer to the corresponding documentation item. |
| Secondary client | A type of workstation when a primary client station is configured. Operators at these stations are not permitted to send any commands to field devices - including during event treatment (Ack, Reset), though they can still see what is happening in the system. Note that a secondary client station operator can request primary client station rights. |
| Section | A group of detectors or elements. Sections are typically organised by location (for example, first floor). Note: Terminology varies for the concept of Sections. Some control units use <i>Zone, Function, or Address</i> . See also – <i>Zone, Element</i> . |
| Sequence | In MM8000, a macro program. That is, a pre-configured set of written steps or instructions. A sequence can be executed by MM8000 and performs a particular set of functions, started by a manual command, a time-driven program, a change in organisation mode, or an automatic reaction. For example, a sequence may be configured to automatically turn on lights at the start of a business day. See also – <i>Reaction</i> . |
| Server | A computer that has interface connections to the field (either directly or via FEP) and provides a centralized database and other services to the connected clients. A server can support a number of clients that are connected via a network (LAN) or Internet. |

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| Server Connection | An option in the MM8000 menu. This option allows you to manage servers and to switch the Client station to another server. |
| Set Mode | The normal night time settings of the detectors in the plant. Typically, in Set Mode, detectors such as the intrusion detector for the main entrance are active. See also – <i>Unset Mode</i> . |
| Severe Alarm | An event category. A notification that there is a life-threatening situation that requires immediate attention from the operator. A Severe alarm may be caused by situations such as (but not limited to) an armed robbery or a fire. Note: This event category is not available in MM8000 ULC mode. See also – <i>Alarm</i> . |
| Simple filter | One of the event filter commands available in MM8000. During event treatment, the Simple filter is started by clicking the command icon on the left toolbar and then selecting one of the filtering options. See also – <i>Advanced filter</i> ; <i>Quick filter</i> . |
| Single-station Systems | One of the MM8000 architectures. In this solution, a unique station can provide the entire system functionalities (server, communication, user interface). This architecture can be expanded in any moment to a Distributed System. See also – <i>Distributed System</i> . |
| SNMP | Simple Network Management Protocol. An Internet-standard protocol for managing devices on IP networks. |
| Subsequent event | A new event from the same data point that is currently in treatment has been regenerated with a higher level of severity. |
| Subsystem | A control unit configured in the Composer environment. |
| Summary Bar | The Summary Bar is located at the top of the MM8000 screen. It is always visible and displays the event counters, menu and horn mute button. The Summary Bar is your access point to the system. It provides access to events, the Plant and History Browsers, and it contains the menu where you log in, log out, and switchover. |
| Supervisory | (MM8000 – ULC only) An event category in ULC mode for troubles/exclusions of sprinklers and extinguishing systems. This event category is represented in the Event List by the acronym SUP. |
| Technical Text | Describes an object in the Plant Browser hierarchical tree for technical people (such as engineers) to assist in identifying that object in the internal physical or logical structure. For example, technical text for a fire zone may be “3/2/13”. See also – <i>Customer text</i> . |
| Time program | A pre-defined function or set of functions the system performs based on the system clock and calendar. Time programs can be triggered by a change of Organisation Mode, or when a specific time and/or date occurs. In some cases, the execution time can be modified. See also – <i>Organisation Mode</i> ; <i>Scheduler</i> ; <i>Sequence</i> . |
| Total Building Solutions (TBS) | Total Building Solutions (TBS) is a combined market offering of the Divisions BAU, FS, and SES with the scope to describe the Siemens approach to the integrated building management systems. |
| Trouble | (MM8000 – ULC only) An event category in ULC mode for faults associated with fire alarm systems, life and property safety. This event category is represented in the Event List by the acronym TBL. |
| Turn-Off | To exclude a section or subsection (group of detectors). |
| ULC | Underwriters Laboratories of Canada. Some countries have specific requirements for how the user interface of a fire protection system appears and functions. In Canada, this set of requirements is called ULC. If you are using MM8000 in Canada, the behaviour of the unit will differ from the standard behaviour. If the appearance or behaviour of MM8000 varies from the standard because of ULC requirements, this information is documented in the Operation Manual in an Appendix (MM8000). |
| Unset Mode | The normal daytime settings of the detectors in the plant. See also – <i>Set Mode</i> . |
| Video view | A live or pre-recorded video display of a selected area. Video view can be an important assisted event treatment step that allows you to immediately inspect an alarmed area to view conditions. If recorded, a file is stored in the History Browser for future reviewing. You can also select a camera node in the Plant Browser tree or map to inspect different areas of a facility. |
| WAN | Wide Area Network. |
| Windows | An option in the menu. The windows option contains a menu that provides standard Windows cascade and tile options for any open browsers and applications. |

XLS FireFinder

Siemens fire detection system, distributed as FireFinder® XLS.

Zone

A group of detectors (or elements). The term 'zone' is used with the following control units: FS20, CC11, CC1115, FC330A, FC700A, SIGMASYS, CZ10, CS6, CS440, CS4, and CC60. There are other control units that use different terms for the same concept. The ST11, STT20, and STT2410 units use the term 'function', while the CZ12 uses the term 'address'.

Issued by
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Document no. **A6V10089056_b_en**
Edition 04.2017

DMS8000 Sales Material
Section 1