

# SIEMENS



## MK8000 MP4.80

## OPC server for subsystems

## Release Notes



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# 1 Introduction

DMS8000 software **MP4.80** is now available for MM8000, MK8000, and NK8000 products.

## **MK8000**

These release notes provide the characteristics of the new release, including latest connectivity information and known issues. We recommend reading this document carefully before installing and using the software.

## 2 What's new

This section presents the enhancements provided in this new release.

### 2.1 New Features

Group	Description	System
OS compatibility	- Windows 7 and 8.1 - Windows Server 2012 R2 and 2008 R2 (Windows XP is no longer supported)	DMS8000
Configuration	- Enhanced visualization of customized objects in the Composer tree	DMS8000

SQL Server compatibility	- Microsoft SQL Server 2008 R2 SP3 - Microsoft SQL Server 2012 SP2 - Microsoft SQL Server 2014	MM8000 MK8000
Virtualization environment compatibility	- VMware Workstation V11 - VMware ESXi 5.5 Update 1 (included in vSphere V5.5) - Hyper-V for Windows Server 2012 R2 - Hyper-V for Windows Server 2008 R2 SP1	MM8000 MK8000
Desigo PX	- Full support for DESIGO PX V5.1	MM8000 MK8000
SPC	- Support for SPC series V3.6.6	MM8000 MK8000
OPC UA	- Support for OPC UA 1.02	MM8000 MK8000
Security	- Improved code, password and system security	MM8000 MK8000
Backward compatibility	- Support for existing DMS8000 projects (from MP3.15) with automatic project update for Composer projects up to MP4.30. From MP4.40 and higher, projects can be modified and saved in the same version.	MM8000 MK8000

Web server	- Improved NK823x web server control: new commands	NK8000
XNET XLS	- Support for XLS FireFinder MP11	NK8000
Security	- Improved code security	NK8000
Backward compatibility	- Support for existing NK8000 installations (MP4.20 and higher) with the latest NK823x units.	NK8000

#### 2.1.1 Software License

A new **MP4.80** License is required.

### 2.2 Defect correction

Various defects have been corrected in this software release. For a detailed report, please refer to the FS-DMS support site [[→ 20](#)].

## 2.3 Subsystem compatibility summary

Control unit	Compatibility	Connectivity	Documentation
FS20 Sinteso™ FS720 Cerberus® PRO	See Sinteso/CerberusPro section	LAN. NK8000	Fire Connectivity Guide: A6V10359481
CS11 AlgoRex® EP5 CS11 AlgoRex® EP7 FC700A	EP7F Z1, Z2, Z3, Z4, Z5	LAN. NK8000	Fire Connectivity Guide: A6V10359481
CS1115 Phase 4 FC330A Phase 4	CISxx8.86	Direct link, Cerloop, and NK8000	Fire Connectivity Guide: A6V10359481
SIGMASYS C and M D100	SIGMASYS V3.5, V3.7, V3.8 D100 V40-2 PLAN D100 export tool V7.2	NK8000	Fire Connectivity Guide: A6V10359481
STT11 STT2410		Cerloop and NK8000/Cerloop	Fire Connectivity Guide: A6V10359481
STT20	STT20 V2 (CS11 Cerloop) STT20 V2.02 (FC20 BACnet)	NK8000/Cerloop	Fire Connectivity Guide: A6V10359481
CZ10	Communication board EPROM: CZAX22.41 (Cerban) CZAX23.41 (Cerloop)	Cerloop and NK8000	Fire Connectivity Guide: A6V10359481
XLS <b>NOTE:</b> Security events are supported in V9 and higher	V6.00.21, Zeus Tool V6.00 V7.00.2245, Zeus Tool V7.00 V8.00, Zeus Tool V8.00 V9.05.0001, Zeus Tool V9.02.0015 V10.02.0005, Zeus Tool V10.02.0004 <b>V11.00</b>	NK8000	Fire Connectivity Guide: A6V10359481
CC60	U2 EPROM: CCG001.05 (-19)	Cerloop and NK8000	Intrusion Connectivity Guide: A6V10359489
CZ12	Communication board EPROM: BKB002.08	Cerloop and NK8000	Intrusion Connectivity Guide: A6V10359489
CS4	Communication board EPROM: CK402 V6B, CKP003.01 (BCD) CK430 V9, CKP041.01 (HEX)	Cerloop and NK8000	Intrusion Connectivity Guide: A6V10359489
CS440	Communication board EPROM: CK440 V9, CKP041.01 (HEX)	Cerloop and NK8000	Intrusion Connectivity Guide: A6V10359489
CS6 Guarato™	MP3, MP3+	NK8000	Intrusion Connectivity Guide: A6V10359489
SI410/420 Sintony <b>NOTE:</b> Encryption is not supported	Firmware F8-04, F8-05, F8-07, F09-22, and G1 (F9-22 or G1 is required for SMN42/43)	NK8000	Intrusion Connectivity Guide: A6V10359489
SPC4000, SPC5000 and SPC6000	V3.2x, V3.4, V3.4.1, V3.4.5 (EDP protocol) V3.6.5 (FlexC protocol) See limitations in Known Issues	Direct link, NK8000, and IP connection	Intrusion Connectivity Guide: A6V10359489
DMS7000, including MM-IE2		Cerloop and NK8000/Cerloop	Network Connectivity Guide: A6V10359485
SIPASS™	See the SiPass section	LAN	AC Connectivity Guide: A6V10062451
SIMATRIX 164; 648; SYS		NK8000	Video Connectivity

Control unit	Compatibility	Connectivity	Documentation
SIMATRIX NEO			Guide: A6V10062457
SISTORE AX/MX/MXpro SISTORE CX/SX TELSCAN Stand-alone IP cameras (TELSCAN protocol)	See the Video section	LAN	Video Connectivity Guide: A6V10062457
Philips/Burle CCTV (LTC 8x00)		NK8000 (not tested with new NK823x)	Video Connectivity Guide: A6V10062457

### 2.3.1 Sinteso / Cerberus Pro

The following table shows the compatibility between MK8000 and Sinteso / Cerberus Pro versions:

Fire Control Unit			DMS8000 Market Package				
Sinteso	Cerberus PRO	Service Release	4.40-01	4.50-01	4.60-02	4.70	4.80
MP1.3	-	-	X	X	-	-	-
MP2.1	MP1XS, IP2	-	X	X	X	X	X
MP3.0	IP3	SR3, SR4, SR5	X	X (1)	X (2)	X	X
MP4.0	IP4	SR1, SR2	-	X (1)	X (2)	X	X
MP5.2	IP5.2	SR1	-	-	X (2)	X	X

**NOTES:**

(1) DMS8000 MP4.50-01 Hotfix #45 is required for compatibility with SintesoWorks MP5.2/Cerberus Engineering Tool IP5.2.

(2) Service Release DMS8000 MP4.60-01 or higher is required for compatibility with SintesoWorks MP5.2/Cerberus Engineering Tool IP5.2.



**Note:** Starting from Sinteso MP5.2/Cerberus PRO IP5.2, no License key for the field panel is required to connect to Siemens management stations.

## 2.3.2 SiPass

The following table shows the compatibility between MK8000 and SiPass versions:

SiPass		DMS8000 Market Package									
MP	Build	4.10-xx	4.15-01	4.20-01	4.30-01	4.40-01	4.50	4.50-01	4.60-02	4.70	4.80
2.35	38, 41, 52	X	X	X	X	-	-	-	-	-	-
2.40	37, 41	X	X	X	X	X	X (1)	-	-	-	-
2.40	75	-	-	X	X	X	X (1)	-	-	-	-
2.50	39	-	-	X	X	X	X (1)	-	-	-	-
2.50 SP3	85	-	-	-	X	X	X (1)	-	-	-	-
2.60 SP2		-	-	-	-	-	X (1)	-	-	-	-
2.60 SP3		-	-	-	-	-	X (2)	X	X	X	-
2.65	14	-	-	-	-	-	X (3)	X (3)	X (3)	X (3)	-
2.65 SP1	21	-	-	-	-	-	X	X	X	X	X
2.65 SP2	29	-	-	-	-	-	-	-	-	X	X

### NOTES:

Granta Controllers are not supported

(1) Supported only if Hotfix #37 for managing DRI with 2nd card reader disabled is NOT installed.

(2) Related hotfix required for managing DRI with 2nd card reader disabled.

(3) DRI with 2nd card reader disabled do not work even with related hotfix installed. We recommend updating to SP1 or SP2.



### 2.3.3 Video

The following table shows the compatibility between MK8000 and video devices.

Video device	Version	DMS8000 compatible versions
SISTORE AX	V2.4, V2.5, V2.6.0, V2.6.1	MP3.15-xx, 3.20-xx, 4.10-xx, 4.15
	V2.6.2, V2.7, V2.8	MP4.15-01, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	V3.1	MP3.20-xx, 4.10-xx, 4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	V3.5	MP4.10-xx, using RAS V3.1 and adding Admin user on SISTORE AX device (2) MP4.15-01, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80 (using RAS software V3.6)
	V3.6	MP4.15-01, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80 (use RAS V3.6 & add Admin user on SISTORE AX)
	V4	MP4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80 (using RAS V4)
	V4.2	MP4.50-xx, 4.60-xx, 4.70, 4.80 (using RAS V4.2)
SISTORE AX lite	V4	MP4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80 (using RAS V4)
	V4.2	MP4.50-xx, 4.60-xx, 4.70, 4.80 (using RAS V4.2)
SISTORE MX (including NVS)	V2.55, V2.57, V2.58, V2.60	MP3.15-02, 3.20-xx, 4.10-xx, 4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	V2.70	MP4.10-xx, 4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	V2.80	MP4.15-01, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	V2.81	MP4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	V2.90 SP2	MP4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	V2.90 SP2 M1	MP4.60-xx, 4.70, 4.80
	V2.81 SP2	MP4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	V2.90 SP1	MP4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
SISTORE MX Pro	V2.45	MP3.10, 3.15-xx, 3.20-xx, 4.10-xx, 4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80

Video device	Version	DMS8000 compatible versions
	V2.50	MP3.15-xx, 3.20-xx, 4.10-xx, 4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
SISTORE CX/SX	V3.00, V3.01	MP3.20
	V3.1	MP3.20-xx, 4.10-xx, 4.15
	V3.2	MP4.10-xx, 4.15
	V3.4 (note 1)	MP4.10-xx, 4.15
	V3.45, V3.5, V3.5.2	MP4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	V3.6, V3.6.3	MP4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
TELSCAN	V2.03A	MP3.15-xx, 3.20-xx, 4.10-xx, 4.15
	V2.10	MP3.15-xx, 3.20-xx, 4.10-xx, 4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	IP camera CCIS 1337-LP, CFVA-IP, CVVA-IP	MP3.15-xx, 3.20, 3.xx, 4.10-xx, 4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
	Any IP camera compatible with SISTORE	MP3.20-xx, 4.10-xx, 4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80
Siemens IP cameras: - LAN, mapped as 1-line TELSCAN - via SISTORE MX	V5.0 (3.613)	MP3.20-xx, 4.10-xx, 4.15-xx, 4.20-xx, 4.30-xx, 4.40-xx, 4.50-xx, 4.60-xx, 4.70, 4.80

**NOTES:**

(1) Faults related to loss of camera signals are not supported by MK8000 with SISTORE CX/SX V3.4.

## 3 Known issues

This section presents a list of known limitations, problems, bugs, and recommended practices at the time the software was released. Compared with previous Release Notes, new and updated points are marked by a side label for easier identification.

### 3.1 Installation issues

#### 3.1.1 Operating systems and software platforms

##### Pre-installed Windows

The use of pre-installed Windows systems including additional utilities and trial software is not recommended due to potential incompatibilities with DMS8000 and other related applications.

A new and clean Windows installation is recommended to provide maximum reliability.

##### MS SQL Server 2008 R2 SP2

MS SQL Server 2008 R2 SP2 32-bit edition is supported, even on Windows 64-bit platforms.

##### MS SQL Authentication Security

The remote SQL Server authentication security cannot be used (*mm8000dbmng* server fails to create the SQL DB) and should not be selected in the Setup procedure and in the Engineering tool unless the password only includes digits and no other alphanumeric characters.

##### Virtual Machines

The system has been tested with the following virtualization software:

- VMware Workstation V11
- VMware ESXi V5.5 Update 1 (included in VSphere V5.5)
- Hyper-V for Windows Server 2012 R2
- Hyper-V for Windows Server 2008 R2 SP1

**Note:** Virtualisation environments (excluding ESXi) do not directly support hardware connections such as USB and COM ports that are needed by DMS8000 systems for the license key and subsystem connections.

To solve the problem, you can:

- Use external network devices such as [AnywhereUSB®](#) to connect the USB key.
- Refer to the virtualisation environment documentation to find specific solutions, for example for [configuring COM ports on Hyper V](#).



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The use of virtual machines may impose **severe limitations to live video functionalities**. Specifically, carefully check the requirements of video systems and the corresponding support in the virtual environment.

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## 3.1.2 Software License

### Troubles with the hardware key

After installation, if the PAK manager cannot recognise the HW key, the sentinel drivers may need to be installed manually.

In this case, launch the set-up located in:

**<installation folder>\PAK Manager\Sentinel Drivers\SSD5411-32bit**

and follow the instructions. When prompted, select the default installation.

### Importing PAK codes

The license PAK codes are distributed as a registry file (REG) that may be included (merged) in the Windows registry by double-clicking the file or right-clicking it and then selecting Merge. Note that this technique is not recommended and it will not work on 64-bit Windows platforms. Instead, use the PAK Manager Import command as documented in the installation and configuration guides.

### Demo mode stops after 2 hours

Note that systems starting in demo mode will stop operating after 2 hours, even if a valid license is installed during demo operations. To enable the licensed mode, always restart the server after installing the license.

## 3.2 Upgrade and migration issues

### CS11 to FS20 migration: no direct support for multiple CC11 into one FS20

New in MP4.80

The system can support a migration of a one CC11 fire panel to the corresponding FS20 fire panel taking care of the point customization and saving part of the engineering work (refer to Fire Connectivity Guide doc. A6V10359481).

Note that the migration procedure does not support the scenarios where multiple CC11 panels are replaced by a single FS20 system. Applying the assisted migration procedure for multiple panels will result in an inconsistent configuration. In such a scenario, we recommend to use the assisted migration procedure to migrate the largest panel, and then go on with the manual re-engineering of the additional panels.

### FS20: upgrading from MP4.10-02

Configurations restored from MP4.10-02 – and including some specific types of FC20 zones – need a special reworking when FS20 databases are re-imported into Composer. In this case, the FC20 Zones are deleted and then recreated as new objects. Therefore, the related links and map symbols need to be configured again. This concerns the following types of FC20 zones:

- Automatic zone ID 6 - Single, Extinguishing discharged
- Automatic zone ID 7 - Single, Extinguishing pre-alarm
- Automatic zone ID 8 - Single, Gas alarm
- Automatic zone ID 9 - Single, Gas warning
- Automatic zone ID 21 - Multi, Standard
- Automatic zone ID 102 - Single, Sprinkler alarm
- Manual zone ID 5 - Alarm Subsystem
- Technical zone ID 5 - Fault Subsystem
- Technical zone ID 7 - Fault Extinguishing System

### STT20: upgrading from MP3.15

STT20 metafile needs to be re-imported after restoring an MP3.15 projects. Otherwise, the download may fail.

## 3.3 Configuration issues

### 3.3.1 Composer and Tools Issues

#### Composer runs very slowly after installations on Windows 7

Composer response can be quite slow when it is used just after a new Windows 7 installation immediately followed by the DMS8000 software installation. Restarting the PC can solve this difficulty.

#### Composer backup

Be aware that the Composer Backup file (zip-compressed BAK file) does not include HTML pages, Address Book, and Composer templates.

#### Multi-user access

Multiple and remote clients: two Composer client stations can run simultaneously for configuration purposes on the same project, using the Composer client software and connecting from a networked PC to the Composer server.

For a single client, Composer requires a license + key or a Service key installed on the server machine. Note that the service key, when installed on the client PC, cannot enable the Composer client function.

- See Composer Technical Manual (A6V10062401).



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Note that, given the lack of specific messaging services between multiple stations, Composer users simultaneously accessing the same project should be able to directly inform each other about activities. In fact, time-consuming tasks like importing or downloading can temporarily suspend the server availability and significantly delay the system response. In addition, simultaneous editing of the same graphic map must be avoided (modification collision is not checked and may result in loss of data).

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#### Performance issues with NK8000 Kernel Update and Modbus Client

In case of a slow or missing internet connection, the NK8000 Kernel Update and Modbus Client applications may be extremely slow to start up. A (normally quick) web connection is required to check the code certificate signature, but the mentioned applications can be much slower due to a performance defect of the .Net library. In case of serious difficulties in using the NK8000 Kernel Update and Modbus Client, you can apply the following modifications:

1. **Internet Explorer** settings:
  - Start **Internet Explorer**, select **Tools**, and then **Internet Options**
  - In the **Advanced** tab, scroll the list of **Settings** to reach the **Security** section
  - In the **Security** section, clear the **Check for publisher's certificate revocation** check-box
2. In the DMS8000 Utilities (<installation folder>\Utilities\Tools\) run the application:  
**UpdateDotNetSettings.exe**

#### Performance issues with Composer via Remote Desktop

When using Composer via Remote Desktop, you may experience a slow response, for example in general screen refresh and in setting/resetting the default of a large set of parameters.

## 3.3.2 Control panels

### DMS7000 metafile for CZ10 and CZ12

CZ10 and CZ12 customer texts (DMS7000 databases) can be imported only once. No subsequent import of CZ10 and CZ12 is possible.

### CC11 AlgoRex EP7

The following structures are imported in the logical tree but not in the physical tree:

- 1551 - Digital output
- 1552 - Digital output supervised
- 1560 - Internal horn
- 1561, 1564, 1565 - External horn
- 1562 attribute = RTFIRE - "Alarm" remote transmission channel
- 1562 attribute = RTFAULT - "Fault" remote transmission channel
- 1562 attribute = RTOTHER - "Other" remote transmission channel

### Limitations in FS20 support

Limitations in the support of Technical zones may occur when new customized templates (DB variants) are used to address specific needs. In these cases, MM8000/MK8000 will handle the customized objects applying the standard template, and incorrect texts and icons may display.

New in MP.80

### BACnet client supervision faults in FS20 systems

In the Sinteso tool, the BACnet client supervision default timeout setting (by default set to 22 seconds) might be too short when the network is in overload condition, thus generating fault events (BACnet Client lost). To solve this issue, in the FS20 configuration tool, modify the **Network > BACnet client supervision** setting to increase the **BACnet client supervision timeout**, for example to 50 seconds.

New in MP.80

### SPC4000, 5000 and 6000

- **SPC 3.6.5 and higher:** In Composer, insert the NS8021 FlexC protocol driver and configure the Receiver ID that matches the receiver programmed for FlexC in the SPC panels.
- **Limitation:** SettingAuthorization and LockElement zones are not imported (it also applies to earlier DMS8000 versions).

### SI410 Sintony Uploader

SI410 provides one TCP port for external hosts to connect over TCP/IP network (**Sintony IP Port 2** field in the Sylcom Tool / System configuration).

In connecting to SI410 in IP mode, the Sintony Uploader makes use of this port as does the NS8014 DMS8000 driver for the runtime connection. This implies that you need to stop the DMS8000 server software before being able to use the Sintony Uploader that applies this type of connection.

Note that the configuration of SI410 System Inputs **Main Failure** and **Bat/Fuse Fail** include the **Delay** parameter that defines a time delay in the local announcement of the power supply fault conditions (fault events on MM8000/MK8000 are not affected). To prevent misalignment between local announcements and system events, we recommend that you set this parameter to 1 sec.

### 3.3.3 Download issues

#### Download failures

Repetitive download attempts may cause failures. In this case, close Composer after each download and then reopen it. Also try the **Empty Database** procedure (see <installation folder>\Utilities\Tools\Engineering Tools.exe).

#### Download problems with FEP stations

Starting up and downloading systems with FEP stations, with the exception of video FEPs, requires special attention. Make sure to start the configured FEP stations before the server, and have them properly connected over the network when downloading. As a simple rule, you can restart the server and check all connections before starting a download. This does not concern FEP stations with video drivers.

#### Second download failure with full SQL Server 2008 R2 version

A download failure (data transfer error) occurs on installations with full SQL Server 2008 R2 version (not Express) due to the default settings of two options. The problem occurs upon downloading the system for the second time, when more complex operations are required to replace the previous data.

When using a full edition of SQL Server 2008 R2, make sure to set the following options:

- **SQL Server Replication**
- **Full-Text Search**

In the SQL Server setup, such options are part of the **Feature Selection (Features > Database Engine Services)** and are checked by default in the SQL Server Express version, while they are *disabled in the full version*. You can enable them during the SQL Server initial setup or later on by starting again the SQL Server installation, and modifying the installed software with the two required options enabled in the **Feature Selection** step.

New in MP4.80

#### Frozen alignment after incremental download in simulation mode

Adding new subsystems to the Composer configuration and executing an incremental download may result in field simulation problems. New subsystems may remain in the **Alignment in progress** state endlessly, thus preventing you from working properly on the simulated system until a server restart or a full download.

In simulation mode, after you configure new subsystems, we always recommend a full download.

## 3.4 Runtime issues

### 3.4.1 NK8000 Network

This is a list of known problems and limitations present in the current version.

#### USB memory devices on NK823x

Removing the USB key while the logging is enabled (without using the safely remove command) may cause the NK823x to restart or block (a manual restart is then needed). **Always use the Safe Remove command before removing the USB memory device.**

**Some specific USB memory models may not be compatible with NK823x.**

**Note:** File system: FAT32; 2-64 GB. For a list of supported devices refer to PSP at <https://psp.sbt.siemens.com/>.

The **Vendor ID** of the USB device may not display correctly in Composer depending on the device that is used.

In rare cases, presumably related to specific USB devices and intensive logging operations, a memory access problem might occur, which prevents the NK823x from writing on the device. This condition is promptly reported by a **Logging Error** event. In such cases, if the error persists, we recommend to replace the USB device.

### **Faulty NK823x in case dial-up modem is not properly configured**

An erroneous LAN communication fault (Not Reachable) is reported for NK823x units that have a dial-up modem which is not properly configured with the link to the corresponding NS8210 modem. If dial-up is required, pay attention to fully configure the modem connection.

### **NK8000 interactions, ACK and Reset commands not supported**

In MP4.15 and later versions, **NK8000 interactions do not support Ack and Reset commands** to any subsystem.

### **Untested NK823x with Burle-Philips video matrix**

Due to unavailability of hardware for testing, the support of Burle-Philips video matrix on NK823x could not be verified.

### **BACnet device ID range**

In all NK8000 units used on BACnet networks, the BACnet Device IDs of the connected devices cannot be higher than 65533.

### **Network-wide interactions involving NK823x that use different upstream protocols**

Note that network-wide interactions do not work properly across NK823x units that use two different upstream protocols (e.g. one is using CMSDL/IP and the other BACnet/IP).

### **Fault events on unconnected Ethernet lines**

On existing NK823x Ethernet nodes with no configured connection, faults events are reported, thus indicating the missing network link (no cable or no hub/switch). If that event is not necessary, **Ethernet line 2 should not be added if not required**. Ethernet line 1 is predefined and cannot be removed, but you can disable the related event on the data point in the Composer configuration.

### **Missing time stamp in some NK823x logs**

No time stamp is provided in the NK823x logs concerning Firewall events. The same occurs for technical logs such as FTP, BACstack, and possibly others. For such events, date & time information may be estimated using other data messages that are time-stamped.

### **Open SintesoWorks link not immediately stopped when NK823x firewall is enabled**

Enabling the firewall does not block a previously opened SintesoWorks connection. Closing the SintesoWorks connection will cause the firewall to become effective and block any further SintesoWorks connection.

### **Cannot unmount SD card if NK823x web the server is active**

When the web server is active on NK823x units, you cannot unmount the SD device since an internal process is using it. In general, to remove/replace the SD card, you need to switch off and open the unit.



## 4 Documentation

This section provides you with information about the product documentation.

### Documentation resource information

The *DMS8000 Documentation Resource Information and Glossary Guide* assembles important information regarding documentation resources. This document contains the following:

- Comprehensive definitions of the target audiences for Siemens FS DMS documents
- Training program information including the Siemens intranet link
- A complete list of all available DMS8000 documents
- Instructions for how to obtain a document via the Siemens intranet using the Siemens Asset Portal
- A map of relevant documents for each target audience group
- Customer Support links & resources
- A glossary containing definitions of all terms and acronyms used in DMS8000 documentation

To access the *DMS8000 Documentation Resource Information and Glossary Guide* (document no. A6V10089056), go to the link and follow the document search instructions below:

<http://assetportal.bt.siemens.com/portal/index.html>

1. In the Search column on the left, set:
  - Segment: **04 Fire -3F**
  - Document Type: **All**
  - Image Type: **All**
  - Advanced search criteria: Select **Brochure No.** and enter the document number to search for (*A6V10089056*). Alternatively, select **Title** and enter the product name (*DMS8000*).
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>

## 4.1 DMS8000 Documentation Resource Information & Glossary

### Documentation Resource Information and Glossary (document no. A6V10089056)

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 & resources: contact information for SBT FS Customer Support Centre and other convenient links.
- General Glossary: this contains global definitions of terms and acronyms used in DMS8000 documentation.

## 4.2 MK8000 Sales documentation

### Product Datasheet (document no. A6V10062405)

A brief summary of the features provided by the MK8000, available architectures, and networks. It also includes information about system limits and subsystems supported.

### Sales Guide (document no. A6V10061910)

This guide presents the most important sales arguments. This document is unchanged from MP1.10.

### Sales Presentation (document no. A6V10219113)

This is a PowerPoint presentation provided by the marketing department. It can be modified, or used as is to show potential customers what the MK8000 can do.

### DMS8000 Application & Planning (document no. A6V10063710)

This document contains a brief discussion of product marketing strategy for all FSP-DMS products, and a moderate level of detail about the architectural configurations supported by MK8000.

## 4.3 MK8000 Technical documentation

### MK8000 Installation, Configuration and Commissioning (ICC, document no. A6V10062407)

The ICC guide provides step-by-step procedures for installation and configuration of the MK8000. During configuration, this manual should be used in tandem with the DMS8000 Connectivity Configuration guides.

### DMS8000 Connectivity Configuration Guides

- Network (document no. A6V10359485)
- Fire (document no. A6V10359481)
- Intrusion (document no. A6V10359489)
- Access (document no. A6V10062451)
- Video (document no. A6V10062457)
- OPC (document no. A6V10065253)

The DMS8000 Connectivity Configuration guides contain information about configuring networks and subsystems supported by DMS8000 products. These guides should be used in conjunction with the ICC guide.

### Composer Technical Manual (document no. A6V10062401)

This guide explains how to use Composer in general. It provides a reference to commands and instructions used during the system configuration.

### Subsystem Interface Specifications (various documents)

OPC DA Interface specifications are available for the supported subsystems. The detailed list is provided in the Documentation Resource Information document.

The list of changes in this version includes:

OPC Specification Changes in MP4.80	
Item	Description
1	FC20 019_DMS_MK8000_Interface_Spec_FC20-FC720_Model_V1.11_A6V10097200_i_en.pdf <ul style="list-style-type: none"> <li>● New FS20 V5.2 objects have been documented.</li> </ul>
2	SPC 019_DMS_MK8000_Interface_Spec_SPC_Model_V2.05_A6V10238660_g_en.pdf <ul style="list-style-type: none"> <li>● New node class <b>Alerts</b> (type 69) and modifications to node classes 27, 40,43,45,46,47,48,49, 50,51, and 56 to support XBUS expanders and modems.</li> <li>● New <b>Inhibit</b> property in the Panic Alarm zone (type 27).</li> </ul>
3	XNET 019_DMS_MK8000_Interface_Spec_X-Net_System_Model_V2.04_A6V10403181_c_en.pdf <ul style="list-style-type: none"> <li>● New node class OCM (type 73).</li> </ul>

### Release Notes (document no. A6V10062455)

This document. It includes all information concerning this MK8000 release.

## 5 Customer support links & resources

In this section you can find to references to support.

### 5.1 Siemens BT CPS DMS

Our Customer Support Center 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](mailto:fs.support.sbt@siemens.com).

### 5.2 Microsoft

General support about Microsoft Windows can be found at:

- <http://support.microsoft.com/directory/>

### 5.3 Adobe Acrobat

To view the PDF document, you need to install the Adobe Acrobat Reader software. You can download a free version at:

- <http://www.adobe.com/products/acrobat/readstep.html>



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