



DF8000 MP4.x

Product Release Notes

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1 Introduction

This document applies to DF8000, the family of I/O which has been updated and is now available for market distribution. The new product list includes:

- DF8003: new CPU module, equipped with a RS485 interface that can be connected to a supervision centre via NK822x, possibly by means of an RS232/RS485 converter. It controls the I/O modules on a local I²C Bus. DF8003 fully replaces previous CF9003 CPU module, improving the performances of the predecessor in both communication and data processing capacity.
- DF8020: module for 8 non supervised outputs with NO/NC relays included. It has replaced the previous CF9020 output module.
- DF8040: module for 8 non-supervised inputs with galvanic isolation. It has replaced the previous CF9040 input module.
- DF8045: module for 4 normally-closed supervised inputs with optical isolation.
- DF8046: module for 4 normally-open supervised inputs with optical isolation.
- DF8090: power supervision module for NK8000 units.

All DF8000 units are to be connected to NK8000 communication devices and can then be used with the following DMS8000 management systems (all versions):

- MM8000 management station (LAN and serial connection to NK8000)
- MK8000 OPC server (LAN and serial connection to NK8000)
- MT8001 management terminal (serial connection to NK8000)

2 Compatibility issues

DF8000 MP4 includes a new DF8003 CPU module. Fully compatibility is provided for all previous DMS8000 products.

DF8000 units can be configured by all Composer software versions in the same way as specified for CF9000 (DF8003 can substitute for CF9003 module). DMS8000 software MP4.15 and later includes a specific DF8000 model that can profit of the improved characteristics of DF8003 (fastest baud rate). See the table below.

Composer version	Models	Configuration in Composer
Up to MP4.10	CF9003 and DF8003	Configure as CF9003, max baud rate is 9600 bps
MP4.15 and later	CF9003	Configure as CF9003, max baud rate is 9600 bps
	DF8003	Configure as DF8003, max baud rate is 19200 bps

All DF8000 devices as well as the related NK8000 interfaces must be configured in the Composer project as described in the Network, Fire, and Intrusion Connectivity guide (document no. A6V10062425). Using the Composer menus and tools, the configuration settings should then be downloaded to the NK822x.


3 Documentation

STEP documentation repository

On the Siemens intranet, the product documentation can be found in the STEP Documentation Repository. The STEP Web Client interface is available at the following address:

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

The following describes one way to search and find a document:

1. Click on the "STEP WEB Client" image: 
2. Choose "04 Fire -3F" from the "Product Segment" box and select "Activate filter".
3. Select "All" in the Documents section of the Quick Search page and select "Advanced Search".
4. Enter the document number in the "Brochure No." field (e.g. A6V10081392) and press "Enter".

Note: STEP provides no results when the number of found objects is equal to or greater than 200.

→ To learn about other ways to locate a document, see DMS8000 Quick Reference Guidelines for Search and Finding DMS Documents in STEP (A6V10064704).

DF8000 Product Datasheet (document no. A6V100 81184_a_en)

A brief summary of the features provided by the DF8000 units.

DMS8000 Application & Planning (document no. A6V10063710_a_en)

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.

Installation, Configuration and Commissioning (ICC),

- DF8000, document no. A6V100 81184_a_en

- NK8000, document no. A6V10062437_a_en

The ICC guides provides step-by-step procedures for installation and configuration of DF8000 and NK8000 units. During configuration, this manual should be used in tandem with the DMS8000 ICC and Connectivity Configuration guides.

DMS8000 Connectivity Configuration Guides:

- Network, Fire, and Intrusion (documents no. A6V10062425_a_en)

This document contains information about installing Composer, connecting and activating the hardware (dongle) key, setting up a new project, and configuring the networks and subsystems supported by DMS8000 products. This should be used in conjunction with the ICC guide.

Composer Technical Manual document no. A6V10062401_a_en)

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

Release Notes (document no. A6V10081392_a_en)

This document. It includes all information concerning DF8000 MP4.

4 Support links and resources

4.1 Siemens BT FS

Our Customer Support Center intranet site at:

<http://intranet10.sbt.siemens.com/divisions/fs/customer+support+center/>

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.

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