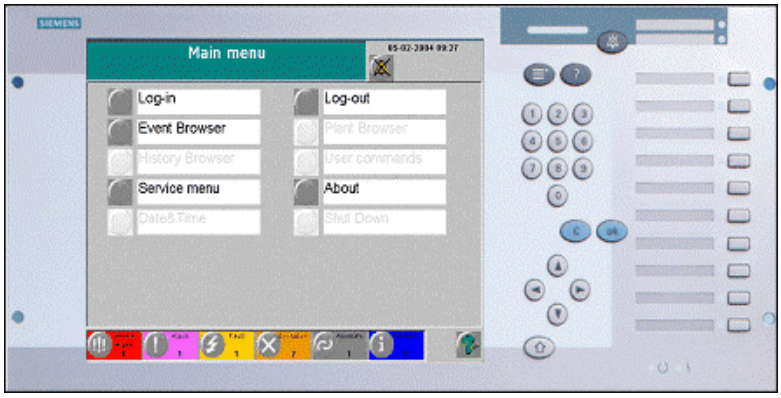
SIEMENS



MT8001 MP1.20

Management Terminal

- Centralisation and management of safety and security control systems
- Specialised interface designed for rapid and accurate handling of alarms in emergency situations
- Highly reliable wall mountable unit
- User-friendly, intuitive, touch-screen interface
- Ergonomically designed
- Quick and easy to set up
- Founded on cutting edge software and network technology
- Windows CE operating system
- Bright 10.4” TFT colour display
- Compliant with local quality assurance standards

Fire & Security Products

Siemens Building Technologies

The MT8001 Management Terminal was designed to provide an easy-to-use point of access to an entire security network. Whether the security network is limited to a single floor, or an entire building, the MT8001 allows you to monitor and control any area or device within the system from one place. The MT8001 provides management station functionality on a wall-mountable device.

The system structure is based on up-to-date market standards in the areas of hardware and software technology. Terminal access is controlled by passwords based on a user-profile mechanism.

Connectivity

The MT8001 supports the network types Cerloop and BACnet/LON. The following sub-systems are supported on the Cerloop network:

- CS11 AlgoRex and CZ10 fire detection systems
- CS440 Intrusion detection systems
- CC60 Gas detection systems
- MF7033 Mux/Demux systems

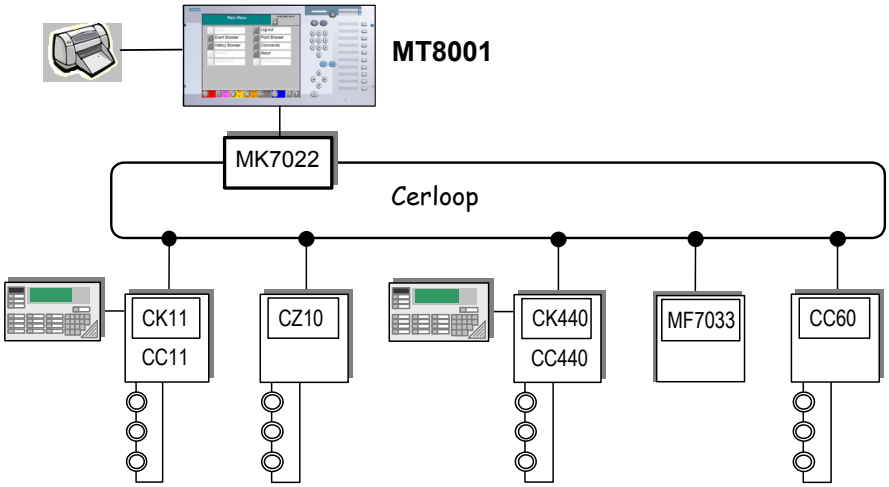


Fig. 1 Cerloop connectivity (1)

The following subsystems are supported on the BACnet/LON network:

- CS6 Guarto (MP3) intrusion detection systems

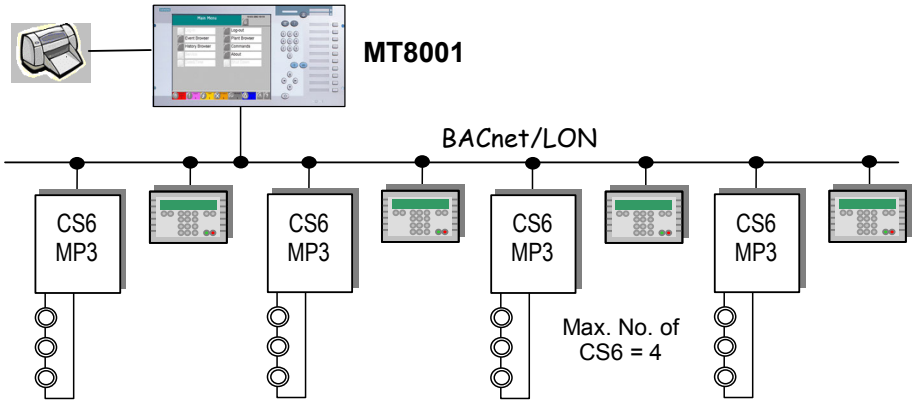


Fig. 2 BACnet/LON connectivity (1)

(1) MT8001 R1.20 does not support both Cerloop and BACnet/LON networks at the same time.

An AlgoRex C-Bus cluster may also be directly connected to the MT8001 via the ISO1745 interface protocol.

EN54

This configuration is certified for fire detection applications by the VdS-Approval Authority (based on the European Standard EN54-2).

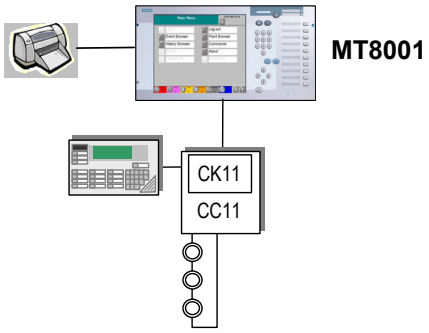


Fig. 3 AlgoRex CC11 via ISO1745 interface protocol.

Specialised Operator Interface

The MT8001 was designed specifically for safety and security applications and uses a simple and intuitive touch screen interface. The main menu provides access to the following utilities:

- Event Browser
- Plant Browser
- History Browser
- Macro Commands

Event Browser

The main screen of the event browser contains a list of the events that have occurred and are still open. Events are listed in order of severity from top to bottom and are colour coded by type.

Note: EN 54, PIZ, and ULC approvals are also supported. The Event list order, and icons differ somewhat from the default GUI according to the specific approval requirements.

Plant Browser

This utility provides a hierarchical tree-view of the installation. It offers an easy-to-use method of selecting individual objects to perform the following types of tasks:

- Turning a zone (or section) off or on (exclude or include)
- Putting a zone (or section) into ‘test’ mode

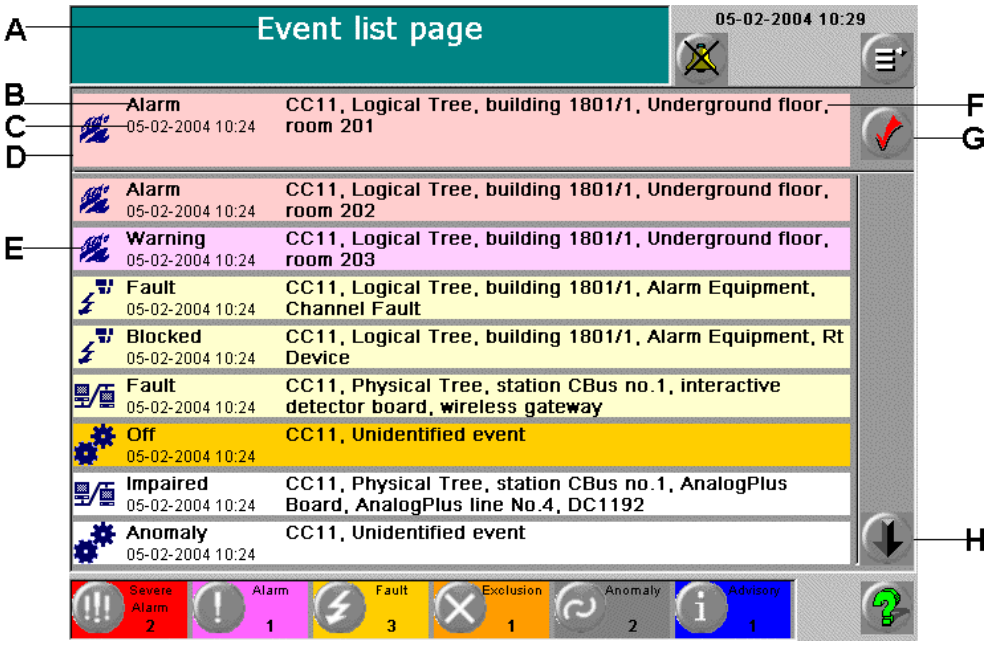


Fig. 3 Event Browser (default GUI pictured)

A Page title – Tells you whether page is filtered or not (in this case it is not filtered).
B Event description – Gives a brief description of the state of the detectors or data point.
C Event date & time/Action to do – Text alternates every few seconds between the date and time the event occurred, and the action you need to take.
D Shows the most critical open event at the top of the list.
E Event icon – Shows the nature of the event (in this case it is fire-related).
F Event location – Shows location of the detector or device that triggered the event.
G Fast treatment command button – Allows you to send commands directly from the list (fast treatment mode).
Note: The icon displayed on the button represents the next command you need to send.
H Scroll button – Scrolls down to view other events on the list.
Note: This button is only visible if there are more events than can be seen on the screen.

History Browser

The history browser provides access to the record of each event that has occurred, including details such as what treatment procedures were followed, when, and by whom.

Macro Commands

Macro commands can be defined to rationalise frequently performed, complex, or time-consuming operations. These commands are customised for each operator and are linked to the user-profile.

Approvals

In conjunction with the corresponding control units, the MT8001 has now been certified as an approved operating terminal by a number of internationally recognised approval authorities. The following approvals have been granted:

Related subsystem	Norm	Approval authority
AlgoRex CS1140	EN54	VdS Verband der Sachversicherer, Germany
Guarto CS6	PIZ	PIZ Prüf-, Inspektions- und Zertifizierungsstelle, Switzerland
CZ10 via Cerloop	ULC	ULC Underwriters Laboratories of Canada

Technical data

Operating System	Windows CE 3.0		
Hardware Data	Display		10.4” TFT-Colour-display (640x480 pixels)
	Touch screen (optional)		Hampshire TSHARC-12
	Silicon switch matrix keyboard		
	System		STPCI 486-processor, 66MHz, Watchdog, 32 Mb DRAM
	PC104 BACnet/LON Interface		1 (optional)
	V24 (RS-232) Serial interface		4 (see communication lines for details)
	TTY Serial interface		2
	Disk-On-Chip Flash-disk		24 MB, expandable up to 144 MB
Power Supply	Input Voltage	standard 24 V	22 V … 29.5 V
		optional 12 V	11 V … 14.5 V
	Power		max 18W
Communication Lines	1 x RS232	COM1	Service access (configuration download)
	2 x RS232	COM3/COM4	Subsystem (or printer) connection
	2 x TTY	COM5/COM6	Subsystem (or printer) connection
	1 x LON	optional	Subsystem connection
Supported Subsystems	CS11 (EP5) CS11 (EP7)		Cerloop via MK7022 (RS232/ ISO1745)
	CZ10		Cerloop via MK7022 (RS232/ ISO1745)
	CS440		Cerloop via MK7022 (RS232/ ISO1745)
	CC60		Cerloop via MK7022 (RS232/ ISO1745)
	MF7033		Cerloop via MK7022 (RS232/ ISO1745)
	STT11		Cerloop via MK7022 (RS232/ ISO1745)
	CS6 MP3		BACnet/LON
Supported Protocols	BACnet/LON		see below (1)
	ISO1745/RS232		see below (1)
Operating Conditions	Temperature range		5° to 40°C
	Humidity		10 to 95% non-condensing
Dimensions	Height		200 mm
	Width		424 mm
	Depth		64 mm
Weight	3,8 Kilograms		

Ordering details (2)

Article	Type	Remarks
MT8001 incl. SW-license	MT8001.xxxx (3)	Max. size in R1.20 is 8,000 devices
PC104 LON I/F	NH8010	
12V power supply option	MT8001/12V	
SW-Configuration package	WW8022.All (4)	See price list for details

(1) MT8001 R1.20 does not support both Cerloop and BACnet/LON networks at the same time.

(2) See price policy for a complete list of details

(3) In the above table, xxxx indicates the size of the installation (no. of detectors, etc.)

(4) For details of the SW-tool package required to generate the site configuration, see data sheet of Composer and the corresponding section of the Price Policy.

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