

Sinteso™

## Fire control panel (19", modular)

FC2080



**Individually configurable, modular fire control panel without integrated operating unit, can be mounted in 19" pedestal cabinet.**

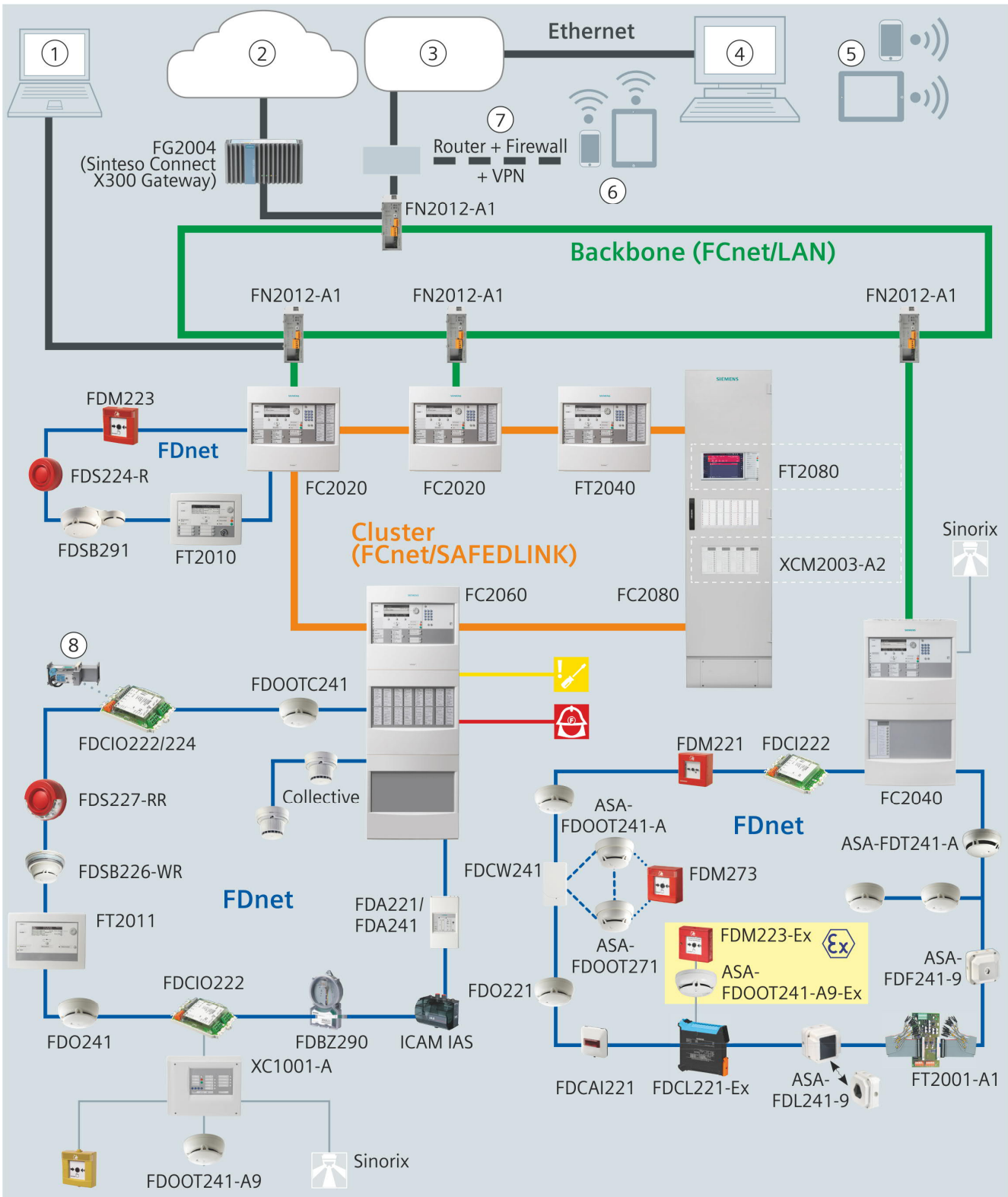
- Fire control panel for a maximum of 5000 addresses
- Optional, integrated single or multi-sector extinguishing
- Up to 64 stations, such as control panels and terminals, can be linked to form a network
- System with separate processor and communication card
- Can be optionally equipped with a second processor card for redundant operation
- Can be modularly extended by adding up to 37 module bus cards in a maximum of seven card cages
- Emergency power supply for emergency operating time of up to 72 hours
- Detection and automatic importing (auto-configuration) of all FDnet devices, ready for operation immediately
- Freely programmable controls based on Boolean algebra
- Configuration data can be uploaded/downloaded via remote access
- Hot plug system: Module bus cards can be changed during operation

System





The diagrams have been simplified and do not include additional network hardware or security components. Permissible applications are described in the A6V101039125 Network Security Guidelines document. Contact your Siemens IT security expert for more information.

System overview



System overview

1	Remote access with SintesoView/ Sinteso Touch
2	FS cloud applications
3	Customer network
4	Management platform
5	Remote access to management platform
6	Remote access with Sinteso Mobile
7	Router + Firewall + Virtual Private Network
8	Fire damper with actuator
	Transmission of a fault signal
	Transmission of an alarm signal

You will find a detailed labeled version of the diagram above along with further information in the A6V10906627 planning guide, see chapter 'Product documentation'.

### Optional module bus cards for card cage

Type	Designation	Properties
FCL2001-A1	Line card (FDnet/C-NET)	4x loops each with 252 addresses, max. of 252 addresses per line card
FCL2002-A1	Line card (collective)	8x lines each with a maximum of 32 devices
FCL2003-A1	Line card (MS9i)	2x loops each with a maximum of 50 addresses, max. 100 addresses
FCL2005-A1	Line card (AnalogPLUS)	4x loops each with a maximum of 128 addresses, max. of 512 addresses per line card
FCL2006-A1	Line card (interactive)	1x loop with max. 128 devices or 1 stub with 32 devices
FCL2007-A1	Line card (interactive, Ex)	1x stub with max. 32 devices
FCI2007-A1	I/O card (RT)	Outputs for alarm, fault, local alarm
FCI2008-A1	I/O card (programmable)	12x freely programmable inputs/outputs per I/O card
FCI2009-A1	I/O card (horn/monitored)	8x monitored horn outputs or monitored outputs

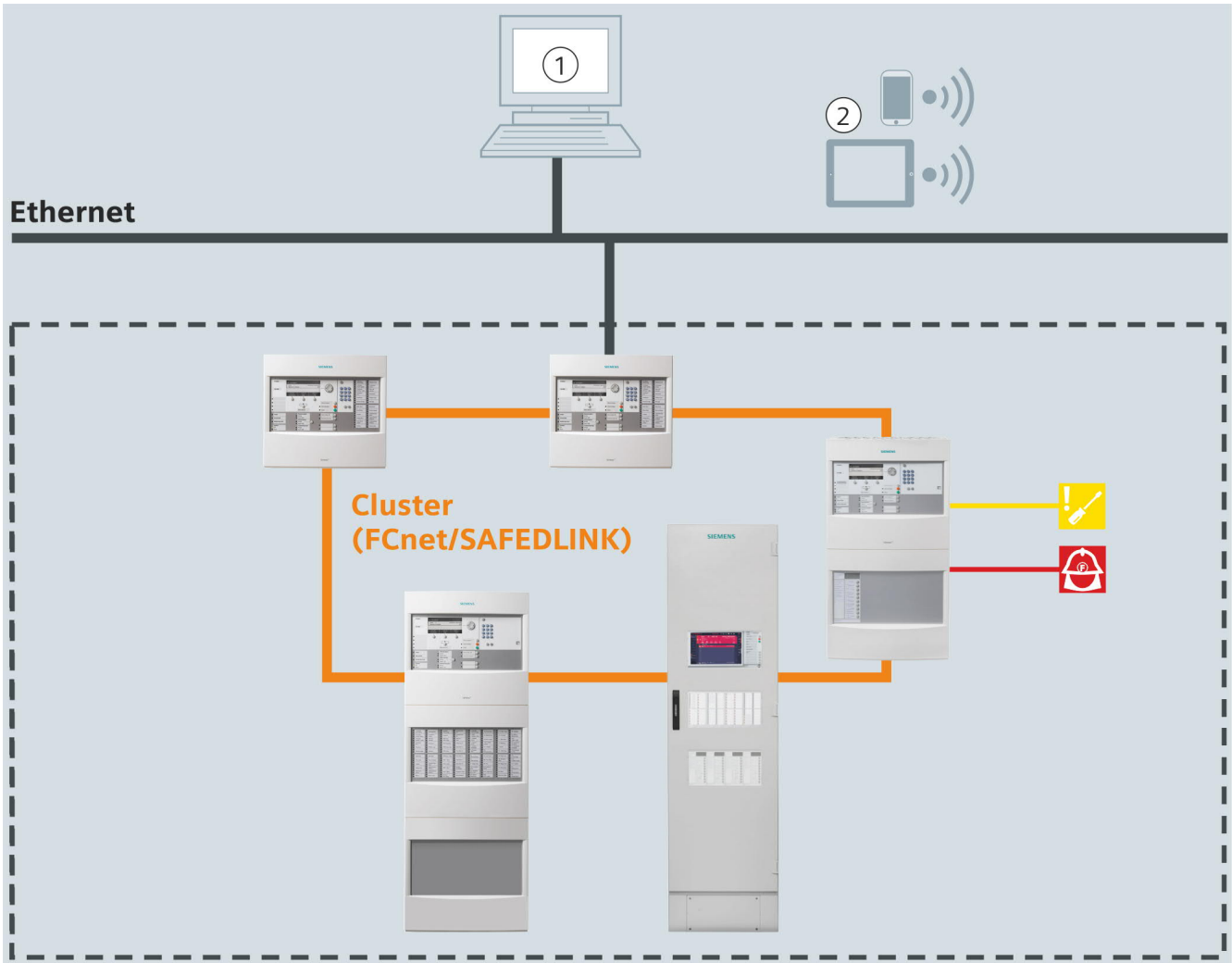
Mixed usage is possible with a maximum of 5000 addresses per control panel.

## Networking of fire control panels



The diagrams have been simplified and do not include additional network hardware or security components. Permissible applications are described in the A6V101039125 Network Security Guidelines document. Contact your Siemens IT security expert for more information.

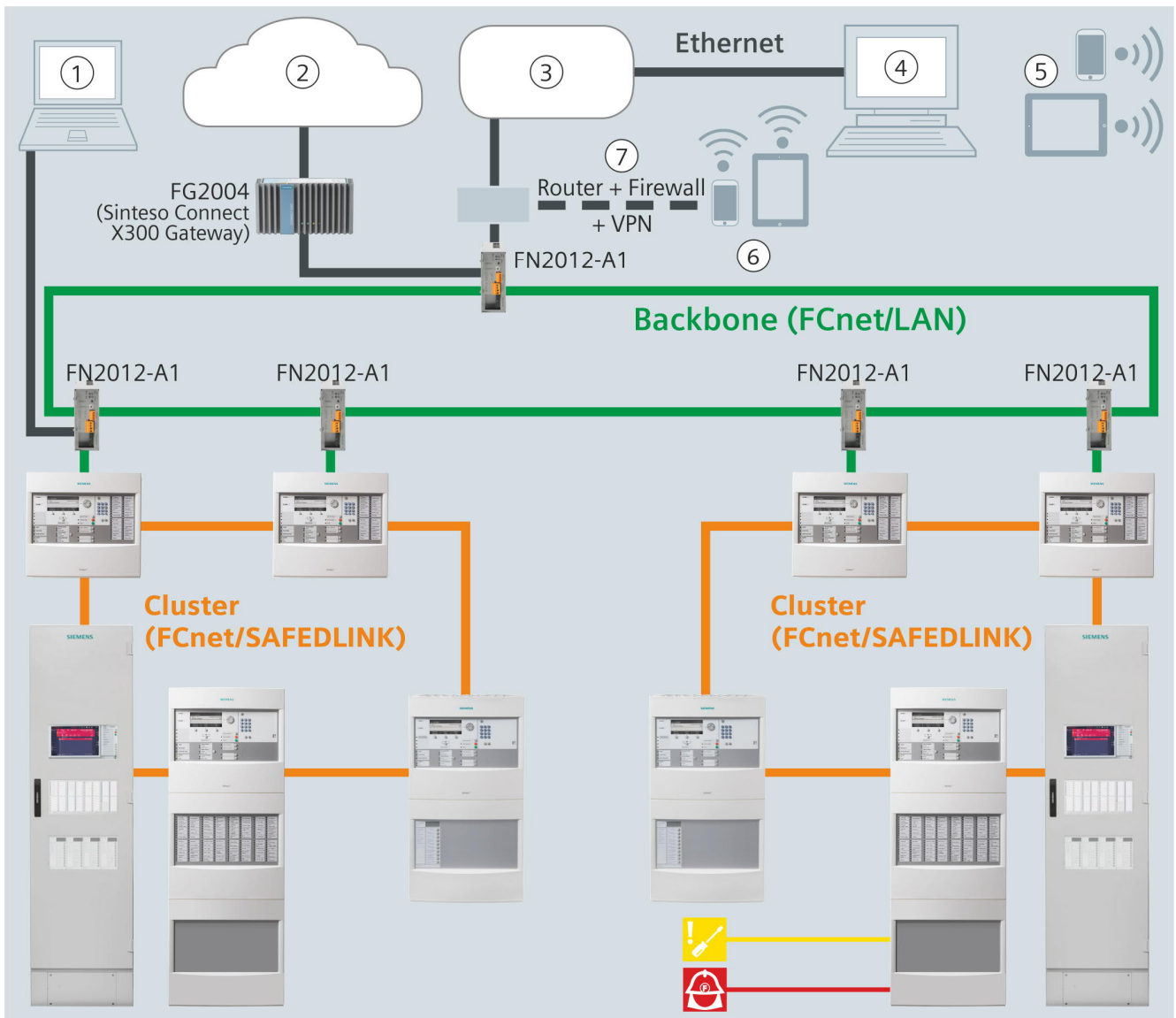
Up to 32 control panels and terminals can be linked to form one FCnet network. If the FCnet network is connected to a danger management system via BACnet, up to 16 control panels and terminals can be networked.





Sub-net

1	Management platform
2	Remote access to management platform
	Transmission of a fault signal
	Transmission of an alarm signal

An optical FCnet/LAN network allows up to 14 sub-nets with up to 16 stations to be operated in one network. A maximum of 64 stations is supported in total.



Backbone


1	Remote access with Sintesoview/ Sintesotouch
2	FS cloud applications
3	Customer network
4	Management platform
5	Remote access to management platform
6	Remote access with Sintesomobile
7	Router + Firewall + Virtual Private Network
	Transmission of a fault signal
	Transmission of an alarm signal

You will find a detailed labeled version of the diagram above along with further information in the A6V10906627 planning guide, see chapter 'Product documentation'.


### General features and functions


- System with multiple redundancy
- Optionally available with redundant main processor
- Automatic recognition and addressing of module bus cards
- Turbo isolation in the event of a short-circuit to ensure uninterrupted availability of FD20 devices
- Processes signals from Sinteso as well as from earlier detector series
- Siemens danger management system can be connected
- Supplied with the following pre-fitted interfaces:
  - 2x integrated FCnet interfaces
  - 1x separate Ethernet connection on CPU card for SintesoWorks
  - 4x Ethernet connections on a communication card, one of which features ground fault monitoring
  - Integrated RS485 and RS232 serial interface
- Floor repeater terminals, alarm devices, and mimic displays supplied with power via detector line (FDnet)
- Modular energy supply concept that relies on a maximum of two power supply modules with up to three 150 W power supplies; card cages can be connected to power supply modules however you like
- Separate batteries for each power supply module
- Control and operation via other control panels on the network
- An operating unit with up to two operating add-ons can be optionally installed; operated as a separate fire terminal
- Mixed use of all module bus cards (line and I/O cards) possible.
- Integrated degraded mode function
- Freely configurable, time-dependent controls with optional weekly switching programs
- Time and situation-dependent changeover of detector parameter sets
- Controls for synchronous activation of sounders / sounder bases with signal sound, flash, and voice output
- The control panel and the fire detection system are custom-configured using the 'SintesoWorks' software
- Firmware for all processor-controlled control panel components can be updated
- Customer texts can be adapted directly on the operating unit of the control panel or with the 'SintesoWorks' software
- Up to 13000 events can be called up from the event memory and filtered based on various criteria
- Automatic summer/normal time changeover

## Control panel-specific features

<p><b>FH2080-AA</b></p> 	<p><b>Housing (19" pedestal cabinet)</b></p> <ul style="list-style-type: none"> <li>● 5000 addresses</li> <li>● 30...240 lines (depending on line card and configuration)</li> <li>● Max. 2 power supply units at 300 W; can be extended to 450 W</li> <li>● Max. battery capacity 100 Ah per power supply unit</li> <li>● Max. 7 card cages for module bus cards</li> <li>● Max. 5 module bus cards per card cage</li> <li>● Max. 37 module bus cards</li> <li>● Max. 8 flooding zones; max. 16 flooding zones with additional 19" pedestal cabinet</li> </ul>
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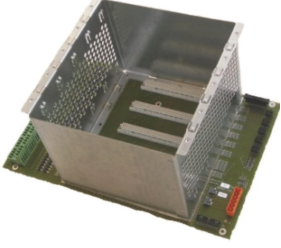




## Features of the basic components

<p><b>FCC2002-A1</b></p> 	<p><b>Processor unit (19", FC2080)</b></p> <ul style="list-style-type: none"> <li>● Basic component for the FC2080</li> <li>● Already pre-mounted in the housing (19", pedestal cabinet) FH2080-AA</li> <li>● Incl. cable kit for connecting an optional operating unit</li> <li>● Includes 19" carrier with cable duct, a card cage (CPU), and a card cage (5 slots)</li> <li>● Incl. a CPU card (FC2080) and communication card (FC2080)</li> <li>● One slot in the card cage (CPU) is reserved for a redundant CPU card (FC2080)</li> <li>● Two slots in the card cage (CPU) are reserved for module bus cards</li> </ul>
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<p><b>FHA2022-A1</b></p> 	<p><b>Carrier (19", power supply)</b></p> <ul style="list-style-type: none"> <li>● Basic component for the fire control panel FC2080</li> <li>● Guarantees the required energy supply.</li> <li>● Mounted on the side wall of the 19" pedestal housing FH2080-AA.</li> <li>● Installation of a second power supply unit with separate battery kit possible</li> <li>● Consists of the following elements: <ul style="list-style-type: none"> <li>– One carrier plate with DIN rails and cable ducts</li> <li>– 2 power supplies (150 W), connected in parallel for 300 W</li> <li>– One terminal strip for the primary supply</li> <li>– One terminal strip for the secondary supply</li> <li>– One free position for a third power supply that can be connected in parallel (150 W)</li> </ul> </li> </ul>
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You will find information on the integrated extinguishing system and the individual extinguishing components that are available in a separate data sheet with the document ID 'A6V11480005'.

<p><b>FCA2008-A1</b></p>	<p><b>Card cage (5 slots)</b></p>
	<ul style="list-style-type: none"> <li>• For installation in fire control panel FC2080</li> <li>• For holding a maximum of 5 module bus cards</li> <li>• Also requires the carrier (19", card cage) FHA2023 as a mounting support</li> <li>• Max. 2 card cages can be mounted to the mounting support</li> </ul>
<p><b>FCC2004-A1</b></p>	<p><b>CPU card (FC2080)</b></p>
	<ul style="list-style-type: none"> <li>• Optional second CPU card for extension to redundant CPU operation of the fire control panel FC2080</li> <li>• Inserted in the free slot of the card cage (CPU)</li> </ul>
<p><b>FCM2028-A2</b></p>	<p><b>Operating unit</b></p>
	<ul style="list-style-type: none"> <li>• Optional standard operating unit for the fire control panel FC2080</li> <li>• From a configuration perspective, this is considered as a separate station FT2040 and has the same functions</li> </ul>
<p><b>FCM2030-C2</b></p>	<p><b>Operating unit (+FBA term.)</b></p>
	<ul style="list-style-type: none"> <li>• Optional operating unit with FBA terminal for Switzerland for the fire control panel FC2080</li> <li>• From a configuration perspective, this is considered as a separate station FT2040 and has the same functions</li> </ul>
<p><b>FCM2037-A2</b></p>	<p><b>Operating unit (+LED indicator)</b></p>
	<ul style="list-style-type: none"> <li>• Optional operating unit with 24x LED groups for the fire control panel FC2080</li> <li>• From a configuration perspective, this is considered as a separate station FT2040 and has the same functions</li> </ul>



<p><b>FCM2036-A2</b></p> 	<p><b>Operating add-on (4xLED indicator)</b></p> <ul style="list-style-type: none"> <li>Optional operating add-on with 96 indicator groups with one red/green + one yellow LED each</li> </ul>
<p><b>FCM2038-A2</b></p> 	<p><b>Operating add-on (2xLED indicator)</b></p> <ul style="list-style-type: none"> <li>Optional operating add-on with 48 indicator groups with one red/green + one yellow LED each</li> </ul>
<p><b>FTO2001-A1</b></p> 	<p><b>Event printer</b></p> <ul style="list-style-type: none"> <li>Thermal printer for installation in operating units or operating add-ons</li> <li>Can be controlled via the RS232 module FCA2001-A1 (order separately)</li> <li>Logs all important events, such as alarms, faults, isolations, and test functions</li> </ul>
<p><b>DL3750+</b></p> 	<p><b>Matrix printer (external)</b></p> <ul style="list-style-type: none"> <li>External matrix printer recommended by Siemens</li> <li>Supports monitoring for printing faults</li> <li>Can be controlled via the RS232 module FCA2001-A1 (order separately)</li> <li>Can be controlled via Ethernet via the print server PS104 from SEH</li> </ul>

This fire control panel is ideal for large applications with high redundancy requirements, such as airports, power generation facilities, and systems with extinguishing systems.

Within the context of modernization, the Station allows a gradual and seamless transition from older systems to Sinteso.

### Function elements

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#### Processor unit

The basic module of the FC2080 is delivered pre-mounted on a 19" carrier.

It includes a CPU with a main processor on the CPU card (FC2080), a communication card (FC2080), and slots for an optional second CPU card, as well as two slots for any module bus cards.

In the card cage (five slots), which is mounted on the same 19" carrier, five additional module bus cards can be installed.

#### Power supply

The power supply feeds the hardware and charges the batteries.

In the event of a power cut, the batteries provide emergency current.

A maximum of two independent circuits can be operated with their own emergency batteries. Each power supply module has two 150 W power supplies connected in parallel and can be extended by adding an additional 150 W power supply.

#### Card cage

Up to six additional card cages can be mounted for inserting up to five module bus cards.

#### Module bus cards

Line cards for incorporating peripheral devices or I/O cards for fire controls and integration with other systems.

#### 19" carrier

19" carriers can be used to mount card cages, power supplies, batteries, and options inside the 19" housing.

#### Housing

The housing consists of a 19" pedestal cabinet with a base that can accommodate FC2080 components.

The housing is supplied with pre-fitted cable ducts and a cabinet door with cut-outs for accommodating the operating unit and operating add-ons. There are various support components for mounting electrical modules in accordance with your individual requirements.

#### Operating unit and operating add-ons

The operating unit and operating add-ons are optional and are installed in the door of the FC2080 pedestal cabinet. They have the function of a separate station.

#### Configuration

The following software allows the system to be customized:

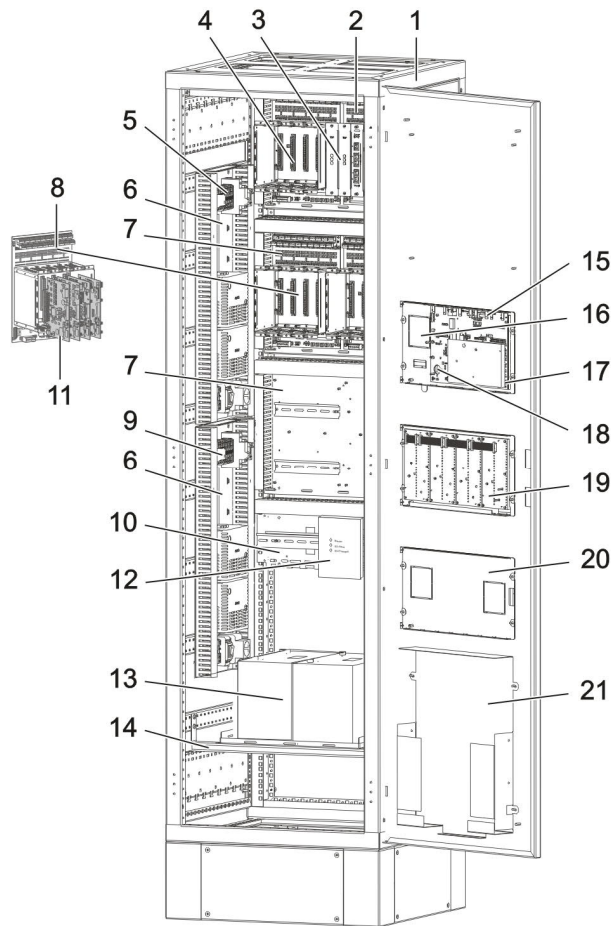
- SintesoWorks

### Operation

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The control panel can be operated via a FT2040 or FT2080 (Touch) operating terminal. The operating terminal can be integrated into the cabinet door or operated remotely. The FC2080 can also be operated via another FS20 control panel on the network.


You will find details and more information in product data sheet 009386.



Layout of FC2080

Position	Designation	Type	Comment
<b>Basic equipment</b>			
1	Housing (19" pedestal cabinet)	FH2080-AA	19" pedestal cabinet for accommodating FC2080 components
2	Processor unit (19", FC2080)	FCC2002-A1	Basic module incl. 1x CPU card and 1x communication card (FC2080), 2x network modules, and 1x card cage (5 slots)
3	2x free slots for module bus cards		In card cage (CPU) of processor unit to allow extension through the addition of any two module bus cards
4	5x slots for module bus cards		In card cage (5 slots) of processor unit to allow extension through the addition of any five module bus cards
5	Carrier (19", power supply)	FHA2022-A1	Power supply module incl. 2x 150 W power supplies
<b>Extensions</b>			
(2)	CPU card (FC2080)	FCC2004-A1	For extension to redundant CPU operation
6	Power supply kit (150 W, B)	FP2005-A1	For extension as a 3rd power supply operating in parallel
7	Carrier (19", card cage)	FHA2023-A1	For mounting a maximum of two card cages or other modules in the 19" cabinet

Position	Designation	Type	Comment
8	Card cage (5 slots)	FCA2008-A1	For mounting on carrier (19", card cage) to allow extension through the addition of any five module bus cards
9	Carrier (19", power supply)	FHA2022-A1	For use as an additional 2nd power supply module with separate batteries
10	Carrier (19", option)	FHA2024-A1	For mounting options (e.g., FDCIOxxx, relays) in the 19" cabinet
11	Module bus cards:		
	Line card (FDnet/C-NET)	FCL2001-A1	For four FDnet lines (max. 252 addresses per card)
	Line card (collective)	FCL2002-A1	For eight MS7/9/24, DS11, Synova 600, SIGMACON collective lines
	Line card (MS9i)	FCL2003-A1	For two addressable MS9i detector lines (max. 100 addresses)
	Line card (AnalogPLUS)	FCL2005-A1	For four addressed AnalogPLUS lines
	Line card (interactive)	FCL2006-A1	For one addressed interactive line
	Line card (interactive, Ex)	FCL2007-A1	For one addressed interactive Ex line
	I/O card (RT)	FCI2007-A1	For transmission of alarms and faults
	I/O card (programmable)	FCI2008-A1	Twelve programmable inputs/outputs
	I/O card (horn/monitored)	FCI2009-A1	Eight sounders
12	Key safe adapter	SDA 3000	For controlling the fire brigade key depot (available from IFAM)
13	Battery (12 V, 65 Ah, VdS)	FA2008-A1	For the emergency power supply
	Battery (12 V, 100 Ah, VdS)	FA2009-A1	
14	Battery tray (19")	FHA2021-A1	For holding batteries inside 19" cabinet, max. of two per cabinet
15	Optional operating unit		
	Operating unit	FCM2028-A2	Standard operating unit
	Operating unit (+ LED indicator)	FCM2037-A2	Operating unit with 24x LED groups
	Operating unit (+ Nord. key switch)	FCM2028-B2	Operating unit with key switch (nordic)
	Operating unit (+ EVAC term.)	FCM2030-N2	Operating unit incl. 10x evacuation zones
	Operating unit	FCM2028-F2	Operating unit for France only
	Operating unit (+ FBA terminal)	FCM2030-C2	Operating unit for Switzerland only
16	Event printer (internal)	FTO2001-A1	For logging system events
	Event printer (external)	DL3750+	
17	License key Sx	FCA20xx	For special functions
18	Key switch (Kaba)	FTO2005-C1	For operating access authorization
	Key switch (nordic)	FTO2006-B1	
19 + 20	Optional operating add-ons:		Maximum of 2 operating add-ons per FC2080
	Operating add-on (2xLED indicator)	FCM2038-A1	With 2 LED modules
	Operating add-on (4xLED indicator)	FCM2036-A1	With 4 LED modules
21	Plan compartment A3	--	Installed in door

	Housing
	
Type	FH2080-AA
Order number	S54400-C103-A1
Number of FDnet addresses	5000
Lines	30...240 (depending on line card and configuration)
Power supply	Max. 2x 450 W
Max. battery capacity	Max. 2x 12 V, 100 Ah
Number of module bus cards in the card cage	Max. 5
Total number of module bus cards	Max. 37

### Basic equipment

Type	Designation	Weight	Order number
FH2080-AA	Housing (19" pedestal cabinet)	120.000 kg	S54400-C103-A1
FCC2002-A1	Processor unit (19", FC2080) incl. CPU card (FC2080) and communication card (FC2080)	4.600 kg	S54400-B17-A1
FHA2022-A1	Carrier (19", power supply)	1.600 kg	S54400-B24-A1

### Extensions



You will find information on the integrated extinguishing system and the individual extinguishing components that are available in a separate data sheet with the document ID 'A6V11480005'.

Type	Designation	Weight	Order number
FCA2008-A1	Card cage (5 slots)	1.479 kg	S54400-B28-A1
FCC2004-A1	CPU card (FC2080)	0.200 kg	S54400-A18-A1
FCI2007-A1	I/O card (RT)	0.111 kg	S54400-A20-A1
FCI2008-A1	I/O card (programmable)	0.097 kg	S54400-A6-A1
FCI2009-A1	I/O card (horn, monitored)	0.109 kg	S54400-A21-A1
FCL2001-A1	Line card (FDnet/C-NET)	0.119 kg	A5Q00009875
FCL2002-A1	Line card (collective)	0.117 kg	A5Q00010502
FCL2003-A1	Line card (MS9i)	0.115 kg	A5Q00010044
FCL2005-A1	Line card (AnalogPLUS)	0.120 kg	S54400-A107-A1
FCL2006-A1	Line card (interactive)	0.117 kg	S54400-A108-A1
FCL2007-A1	Line card (interactive, Ex)	0.117 kg	S54400-A134-A1
FCM2028-A2	Operating unit	2.392 kg	S54400-F83-A1
FCM2028-B2	Operating unit (+nord. key switch)	2.441 kg	S54400-F83-A2
FCM2028-F2	Operating unit (FR)	2.413 kg	S54400-F83-A3
FCM2030-C2	Operating unit (+FBA terminal)	2.568 kg	S54400-F93-A1
FCM2030-N2	Operating unit (+EVAC terminal)	2.569 kg	S54400-F93-A2
FCM2036-A2	Operating add-on (4xLED indicator)	3.905 kg	S54400-B147-A1
FCM2037-A2	Operating unit (+LED indicator)	2.506 kg	S54400-B148-A1
FCM2038-A2	Operating add-on (2xLED indicator)	2.516 kg	S54400-B146-A1
FHA2007-A1	Mounting plate	0.800 kg	A5Q00010151
FHA2021-A1	Battery tray (19")	2.000 kg	S54400-B23-A1
FHA2023-A1	Carrier (19", card cage)	1.600 kg	S54400-B25-A1
FHA2024-A1	Carrier (19", option)	1.600 kg	S54400-B26-A1
FN2006-A1	Fiber network module (SM)	0.792 kg	S54400-A109-A1

Type	Designation	Weight	Order number
FN2007-A1	Fiber network module (MM)	0.792 kg	S54400-A110-A1
FTO2001-A1	Event printer	0.141 kg	A5Q00010126
-	Spare printer reels (10 reels)	0.090 kg	A5Q00017619
FTO2005-C1	Key switch (Kaba)	0.083 kg	A5Q00010113
FTO2006-B1	Key switch (nordic)	0.046 kg	A5Q00010129
SDA3000	Key safe adapter	1.500 kg	9102.0648

#### Auxiliary power supply

Type	Designation	Weight	Order number
FHA2022-A1	Carrier (19", power supply)	1.600 kg	S54400-B24-A1
FP2005-A1	Power supply kit (150 W, B) for extension	1.181 kg	A5Q00018779

#### Network (backbone)

Type	Designation	Weight	Order number
FCA2031-A1	Connection module (MoNet)	0.081 kg incl. cable	S54400-A153-A1
FHA2029-A1	Mounting kit (switch)	1.261 kg	S54400-B79-A1
FN2012-A1	Ethernet switch (modular)	0.600 kg	S54400-B152-A1
VN2002-A1	Ethernet module (MM)	0.026 kg	S54400-A43-A1
VN2003-A1	Ethernet module (SM)	0.026 kg	S54400-A44-A1

#### Batteries

Type	Designation	Weight	Order number
FA2008-A1	Battery (12 V, 65 Ah, VdS)	21.300 kg	A5Q00019357
FA2009-A1	Battery (12 V, 100 Ah, VdS)	32.000 kg	A5Q00023101
FHA2061-A1	Mounting kit (batteries)	–	S54400-B91-A1

#### License keys

Type	Designation	Weight	Order number
FCA2033-A1	License key (S1)	0.010 kg	S54400-P154-A1
FCA2034-A1	License key (S2)	0.010 kg	S54400-P155-A1
FCA2035-A1	License key (S3)	0.010 kg	S54400-P156-A1
FCA2036-A1	License key (S4)	0.010 kg	S54400-P157-A1

#### External printer

Type	Designation	Weight	Order number
DL3750+	Matrix printer (external)	7.300 kg	A5Q00023962
-	Color ribbon for matrix printer DL3750+	0.078 kg	A5Q00023963

Title	Document ID
<b>System documentation</b>	
System description	008836
Product data	008837
Planning	008843
Mounting/Installation	008851
<b>Data sheets</b>	
FC2020 - fire control panel	009383
FC2030 - fire control panel for modernization	A6V10087532
FC2040 - fire control panel	009384
FC2060 - fire control panel (modular)	A6V10087844
FC2080 - fire control panel (19", modular)	A6V10275515
FT2040 - fire terminal	009386
FT2080 - fire terminal (Touch)	A6V10378271
Fire detection system with integrated single or multi-sector extinguishing	A6V11480005
Network Security Guidelines	A6V101039125
Planning overview	A6V10906627

Related documents such as environmental declarations, CE declarations, etc., can be downloaded at the following Internet address:

<http://siemens.com/bt/download>


## Guarantee


Technical data on specific applications are valid only together with Siemens products listed under "Equipment combinations". Siemens rejects any and all warranties in the event that third-party products are used.



FC2080 inside 19" housing	
<b>Supply</b>	
Mains voltage	AC 115/230 V +10/-15 %
Power supply	>150 W
Operating voltage	DC 21...28.4 V
Operating current	>3 A
Battery capacity	2x 12 V, max. 100 Ah
Battery monitoring	Yes
Network monitoring	Yes
<b>Inputs / outputs</b>	
Connectable detector series	Sinteso, collective, MS9i, DS11
Number of addresses	Max. 5000
Number of lines in the maximum configuration:	
• FDnet (4 per line card)	Max. 120
• Collective (8 per line card)	Max. 240
• MS9i (2 per line card)	Max. 60
• Interactive (1 per line card)	Max. 30
• Interactive, Ex (1 per line card)	Max. 30
• AnalogPLUS (4 per line card)	Max. 120
Input/output cards:	
• I/Os (programmable)	12 per FCI2008-A1
• I/Os (horn)	8 per FCI2009-A1
• I/Os (RT):	
RT alarm (monitored and relay)	1 + 1 per FCI2007-A1
RT fault (monitored and relay)	1 + 1 per FCI2007-A1
Local alarm	1 per FCI2007-A1
<b>Interfaces</b>	
Operating unit	optional
RS232, RS485 serial interfaces	1 + 1 (integrated)
Slots for network modules (on CPU and COM cards)	1 per FCC2004-A1 (Main) 1 per FCC2005-A1 (Degrade)
Slots for module bus cards	Max. 37
Ethernet port RJ45	3
<b>Ambient conditions</b>	
Operating temperature	-8...+42 °C
Storage temperature	-20...+60 °C
Air humidity (no condensation permitted)	≤ 95% rel.
Maximum height above sea level	3700 m

FC2080 inside 19" housing	
<b>Mechanical data</b>	
Dimensions (W x H x D):	
Pedestal cabinet incl. base	600 x 2200 x 600 mm
Protection category (IEC 60529)	IP30
Color	~RAL 7035 light gray
<b>Standards and approvals</b>	
VdS	G212027
Standards	EN 54-2, EN 54-4, VdS 2095

12  0786	<b>FC2080</b>	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. <b>008836</b>
FC2080 - Control and Indicating Equipment incl. SV24V150W - 150W/24VDC Power Supply Equipment for use in fire detection and fire alarm systems installed in buildings.		
305/2011/EU (CPR): EN 54-2 / EN 54-4 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2014/35/EU (LVD): EN 60950-1 ; 2011/65/EU (RoHS): EN 50581		
The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or <a href="https://siemens.com/bt/download">https://siemens.com/bt/download</a>		
DoP No.: 0786-CPR-21148; DoC No.: CED-FC2080		

13  0786	<b>SV24V150W</b>	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Sinteso technical data: see doc. <b>008837</b> Cerberus™ PRO technical data: see doc. <b>A6V10210368</b>
SV24V150W - Power Supply Equipment 24VDC/150W for use in fire detection and fire alarm systems installed in buildings.		
305/2011/EU (CPR): EN 54-4 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2014/35/EU (LVD): EN 60950-1 ; 2011/65/EU (RoHS): EN 50581		
The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support center: Tel. +49 89 9221-8000 or <a href="http://siemens.com/bt/download">http://siemens.com/bt/download</a>		
DoP No.: 0786-CPD-20775; DoC No.: CED-SV24V150W		