



CONNECT TO
LEAD FORWARD

SOUTHEAST & NORTHEAST ASIACOMMERCIAL FIRE
PRODUCT LAUNCH & PARTNER CONFERENCE

GST-IFP4E(1~6 loops) New Generation of GST Fire Alarm Panel

LPCB Certified

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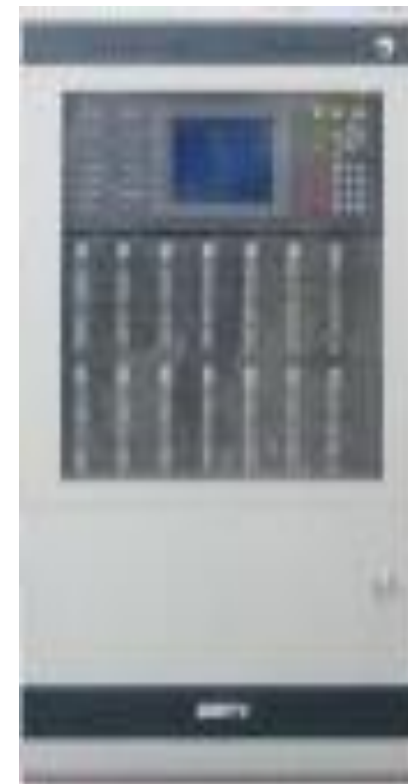




GST200N
1~2 loops



GST IFP4E
1~6 loops



GST IFP8
2~8 loops





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IFP4E
NR2EC&NR2EF
LPCB Certified





Reliability

Beyond

Measure



User-Friendly

Experience



Powerful

**Networking &
Communication**



Flexibility and

Efficiency

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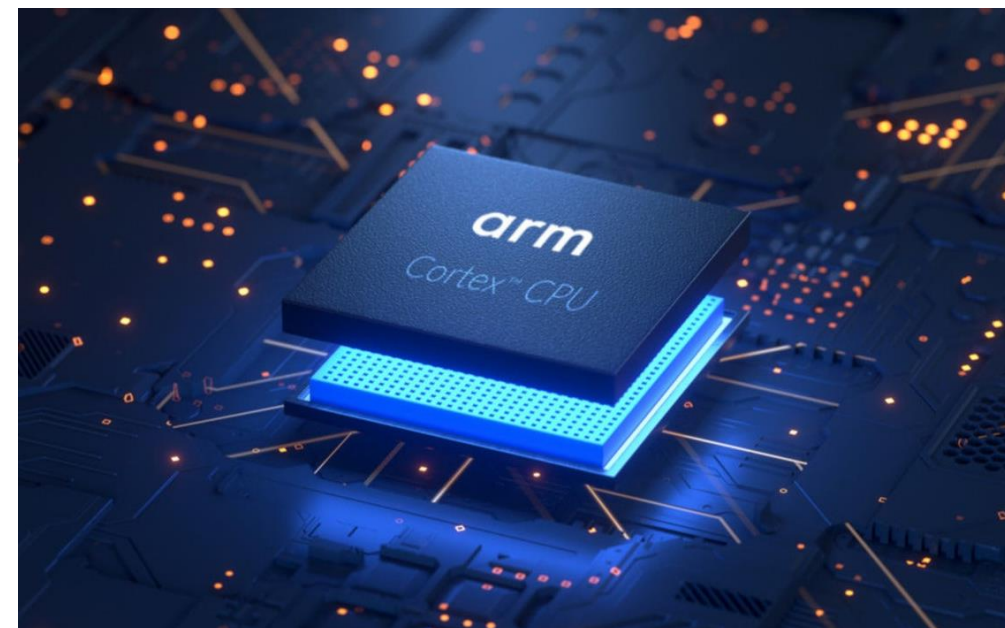


Reliability
Beyond
Measure

Robust Performance

High performance components used

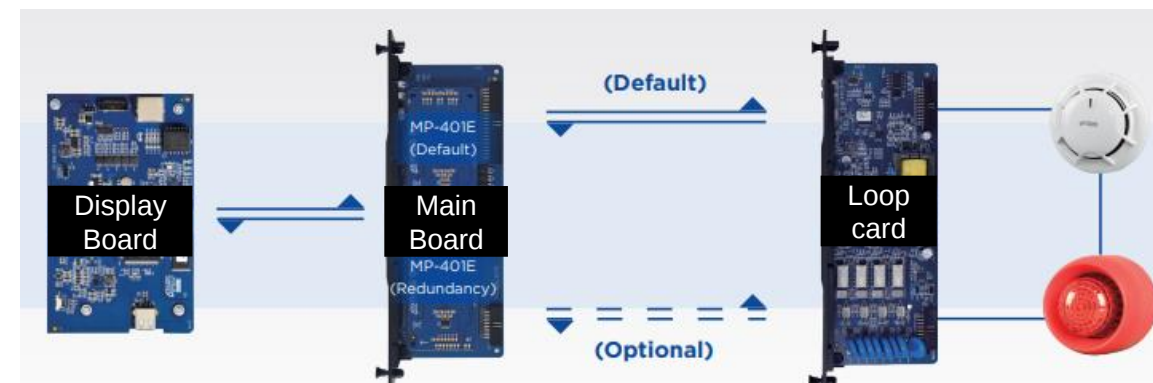
- ARM926 CPU, 128MB DDR2 RAM integrated
- Winbond 256MB Nand Flash



Multiple Redundancy

Reliable performance through multiple redundancy design

- Display board (Default)
- Main boards - 1(Default) and 1(Redundancy)
- Loop cards - Max. 6 loops, 242 devices per loop



Interference Resistance

Power isolation for all output, fully resist EMI

Minimize false alarms

Maintaining optimal panel functionality



Effective Avoidance of False Alarm

Pre-Alarm modes: 0- Off

1-Type A 2 alarms to activate

2- Type B 2nd Alarm to activate

Data Safety

Optional USB dongle is available to secure your vital data

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User-Friendly Experience

Enhanced Intuitive Interface

7-inch color capacitive touchscreen, user-friendly UI, easy to understand and operate



2023-09-25 14:02:01						
1 Event Log Qty:666						
	Alarm	Supervisory	Fault	Disable	Status	All Events
	Time	Event Type	Code	Dev Type	Details	Panel
1	2023-01-05 16:42:10	ALARM	000000000	00-UNDEFINE		1
2	2023-01-05 16:41:53	ALARM	000000000	00-UNDEFINE		1
3	2020-09-29 15:57:17	ALARM	000010003	03-OPTICAL SMOKE		2
4	2020-09-29 15:57:07	ALARM	000004001	11-MCP (BG)		2
5	2020-09-29 15:55:23	ALARM	000010003	03-OPTICAL SMOKE		2
6	2020-09-29 15:55:20	ALARM	000004001	11-MCP (BG)		2

Enhanced Intuitive Interface

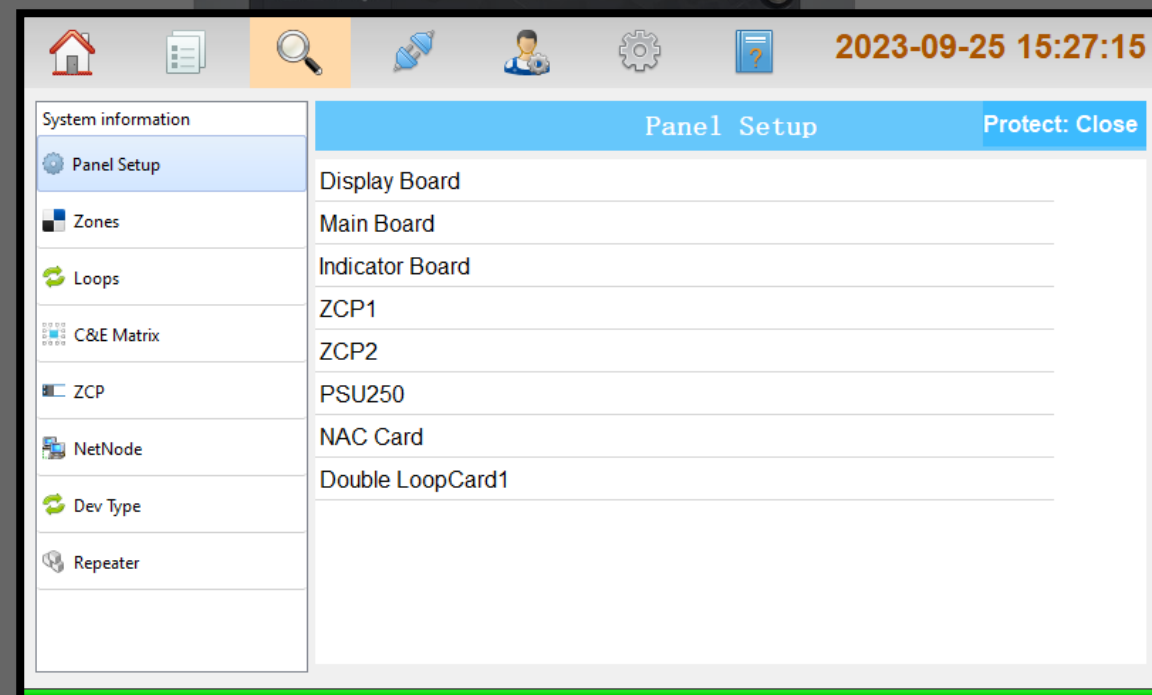
7-inch color capacitive touchscreen, user-friendly UI, easy to understand and operate



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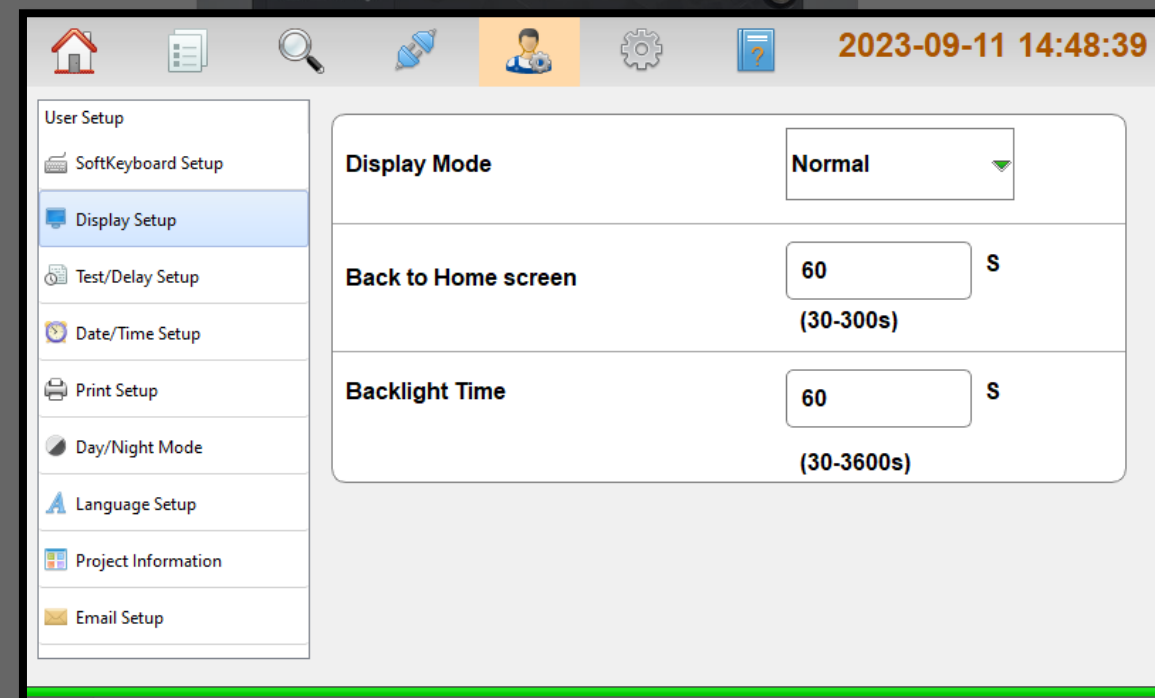
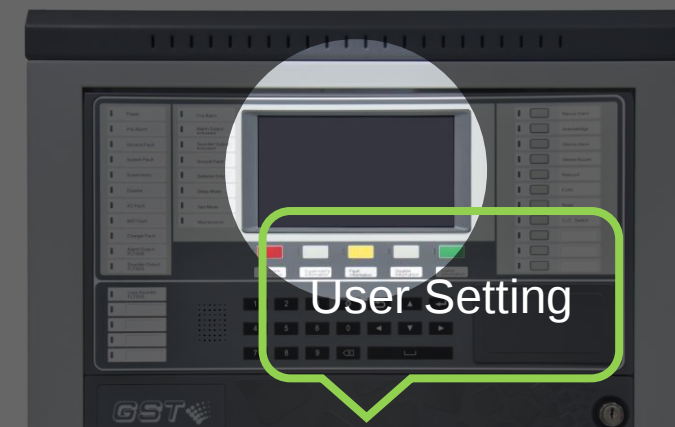
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7-inch color capacitive touchscreen, user-friendly UI, easy to understand and operate



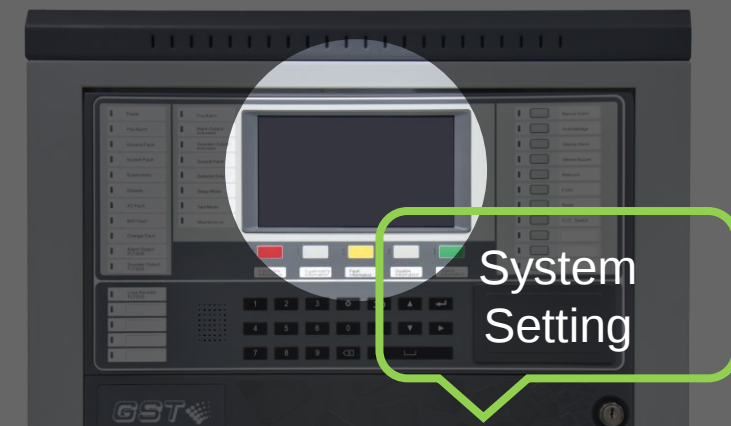
Enhanced Intuitive Interface

7-inch color capacitive touchscreen, user-friendly UI, easy to understand and operate



Enhanced Intuitive Interface

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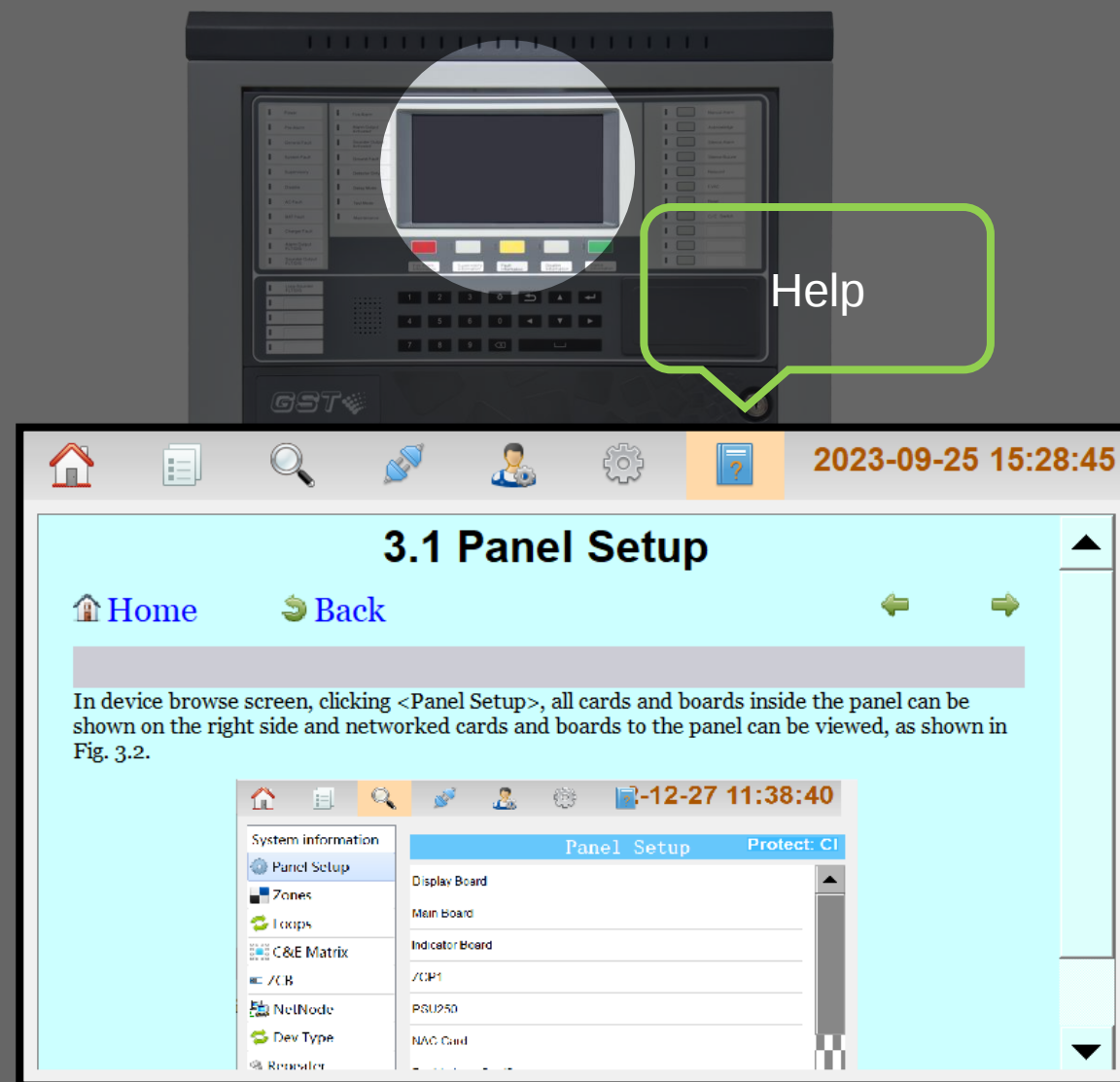
2023-09-11 14:49:18

System Setup			Panel Setup	Protect: Close
Basic Settings	Display Board	Qty:	1	
Panel Setup	Main Board	Qty	1	
Dev Type	Indicator Board	Qty:	1	
Password	ZCP	Qty	2	
Indicator Board	PSU250	Qty	1	
I/O Interface	NAC Board	Qty	1	
Others	Slot	Loop Card:1		
Project Settings	TCP/IP Setup	192.168.0.5	>>	
Advanced Settings				

UID: {b58573882659442a9d7914266e31cc68}(0210A5)

Enhanced Intuitive Interface

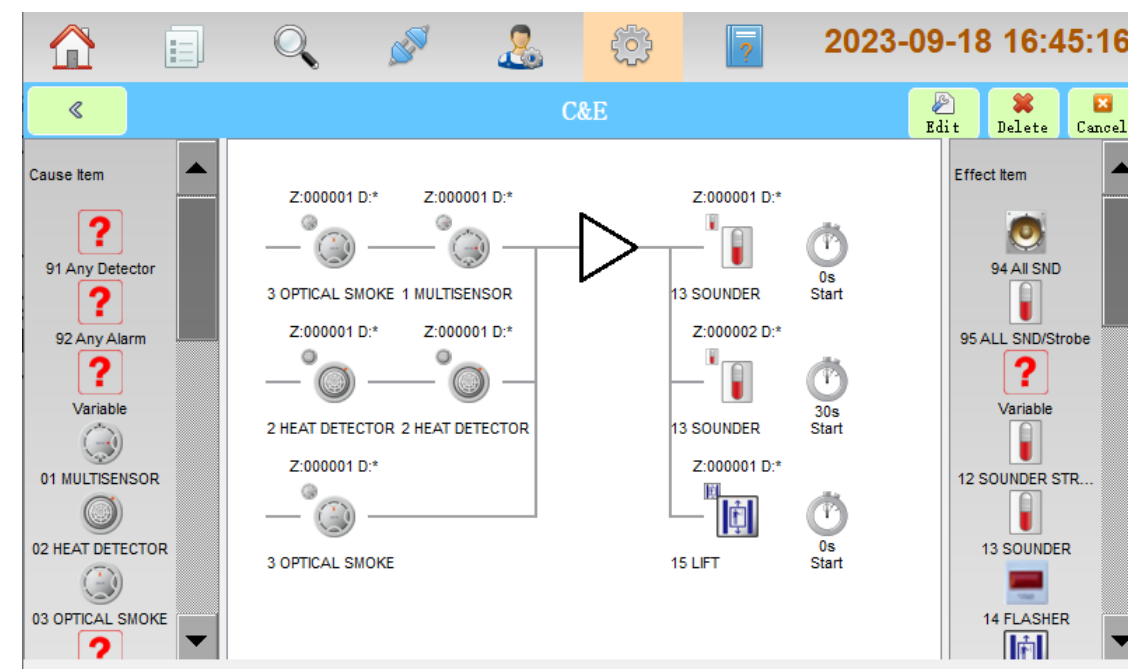
7-inch color capacitive touchscreen, user-friendly UI, easy to understand and operate



Enhanced Intuitive Interface

- Powerful Linux OS
- Drag-and-drop editing
- Graphical logic design (AND, OR, NAND, NOR)

Type	Formula
Alarm	Z:000001 D:* 03 x Z:000001 D:* 01 + Z:000001 D:* 02 x Z:000001 D:* 02 + Z:000001 D:* 03 = Z:000001 D:* 13 30s Z:000001 D:* 15 0s



Device Cleanness Warning

Proactive detect the dust of the chamber in smoke detector, highlight and show dirty alarm in the panel

The screenshot displays the GST system setup interface. The top navigation bar includes icons for home, document, search, network, user, settings, and help, along with the date and time: 2023-09-25 15:04:43. The left sidebar lists the following menu items: System Setup, Basic Settings, Panel Setup, Dev Type, Password, Indicator Board, I/O Interface, Others (highlighted), Project Settings, and Advanced Settings. The main content area shows the 'Highlight Cont. Level' setting, which is highlighted with a red box. It is set to 80% with a range of (50-100). Other settings visible include Daylight Saving Time (On), GST-GMC (On), Disable Battery Resistance Fault (Off), and Check Device Type (On).

Setting	Value
Highlight Cont. Level	80 % (50-100)
Daylight Saving Time	On
From	20 M 2 D
To	12 M 2 D
GST-GMC	On
Disable Battery Resistance Fault	Off
Check Device Type	On

Auto Learn

Automatically identify mismatching device type

Multi-lingual Support

10 languages support

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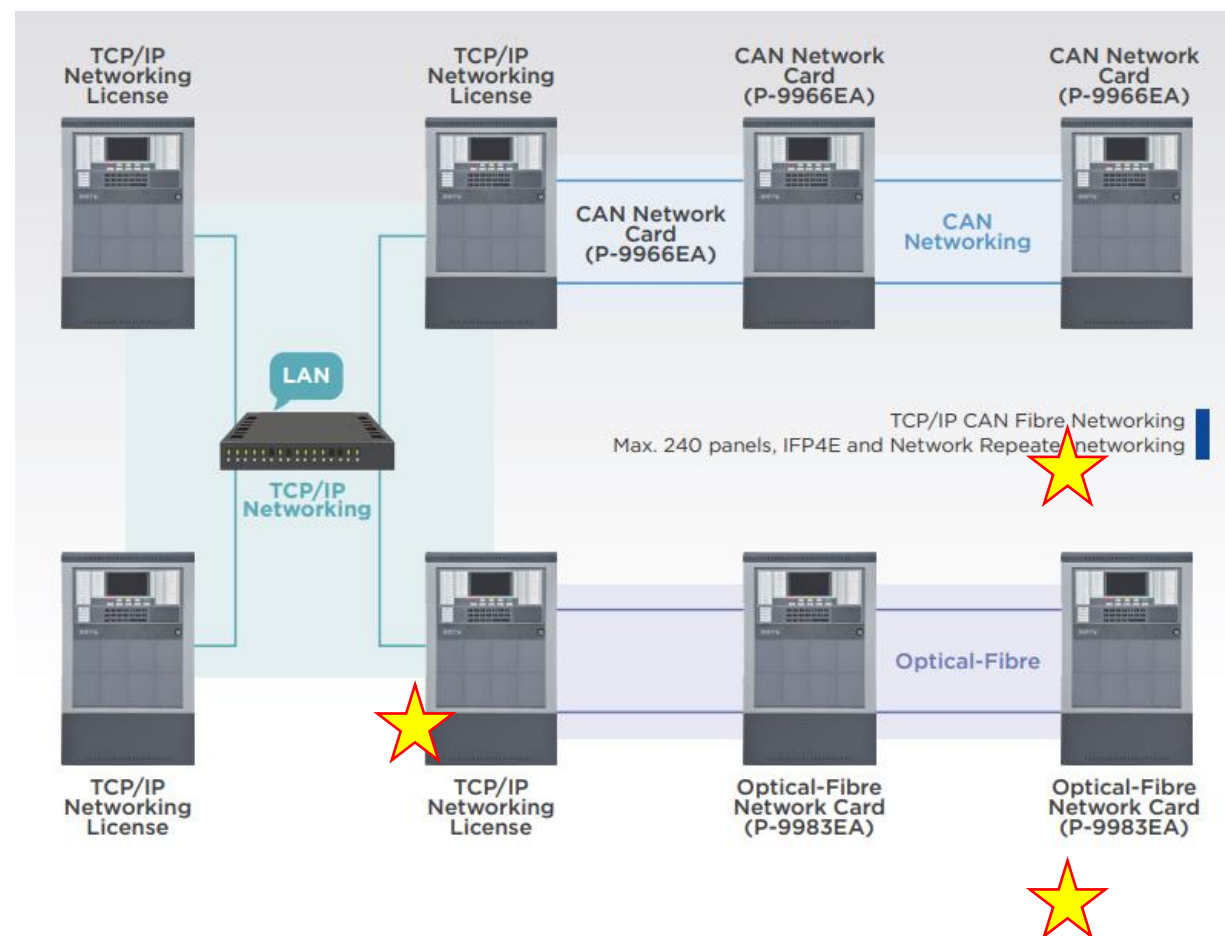
GST

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Powerful Networking & Communication

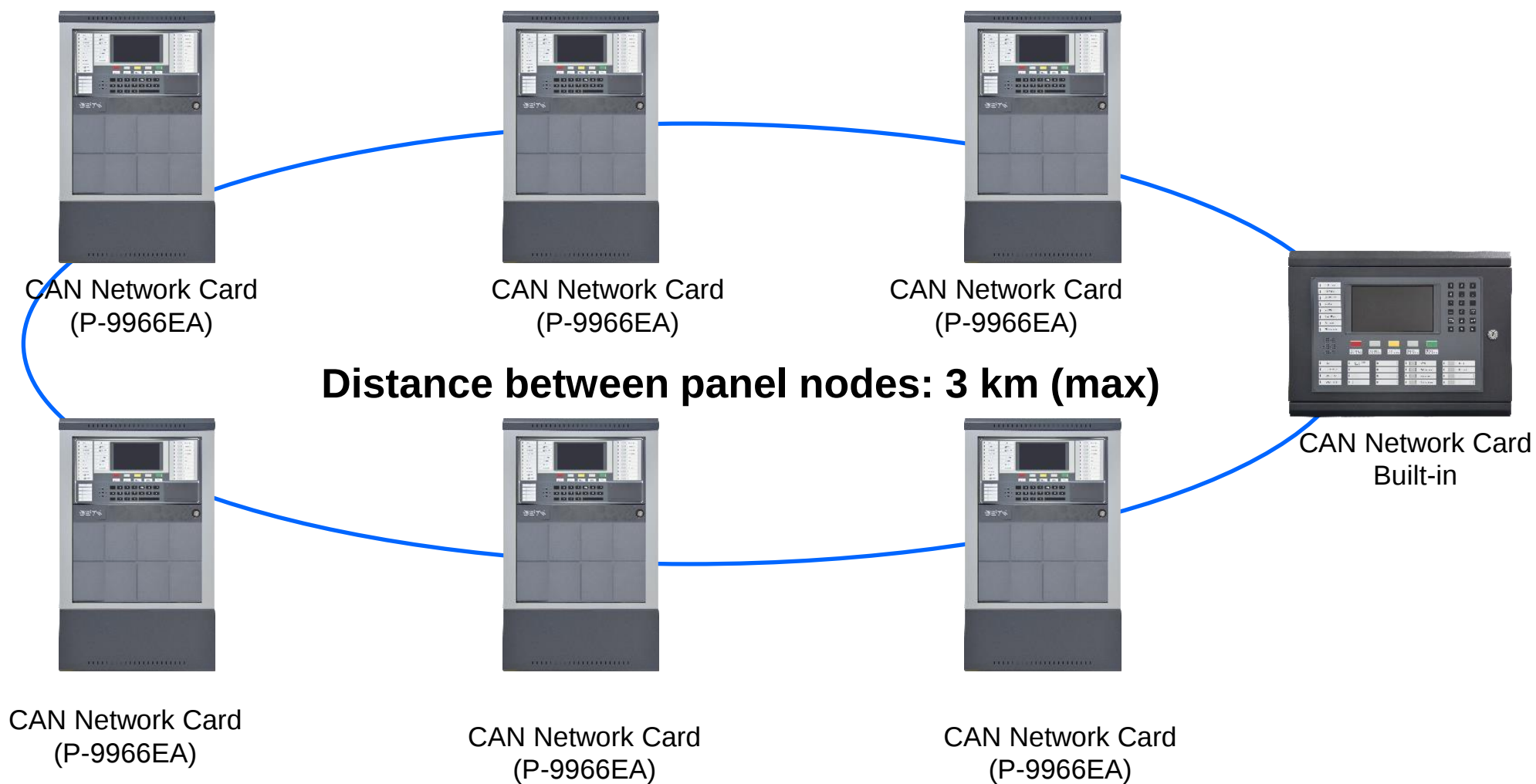
Powerful Networking

- CAN
- Fiber
- TCP/IP

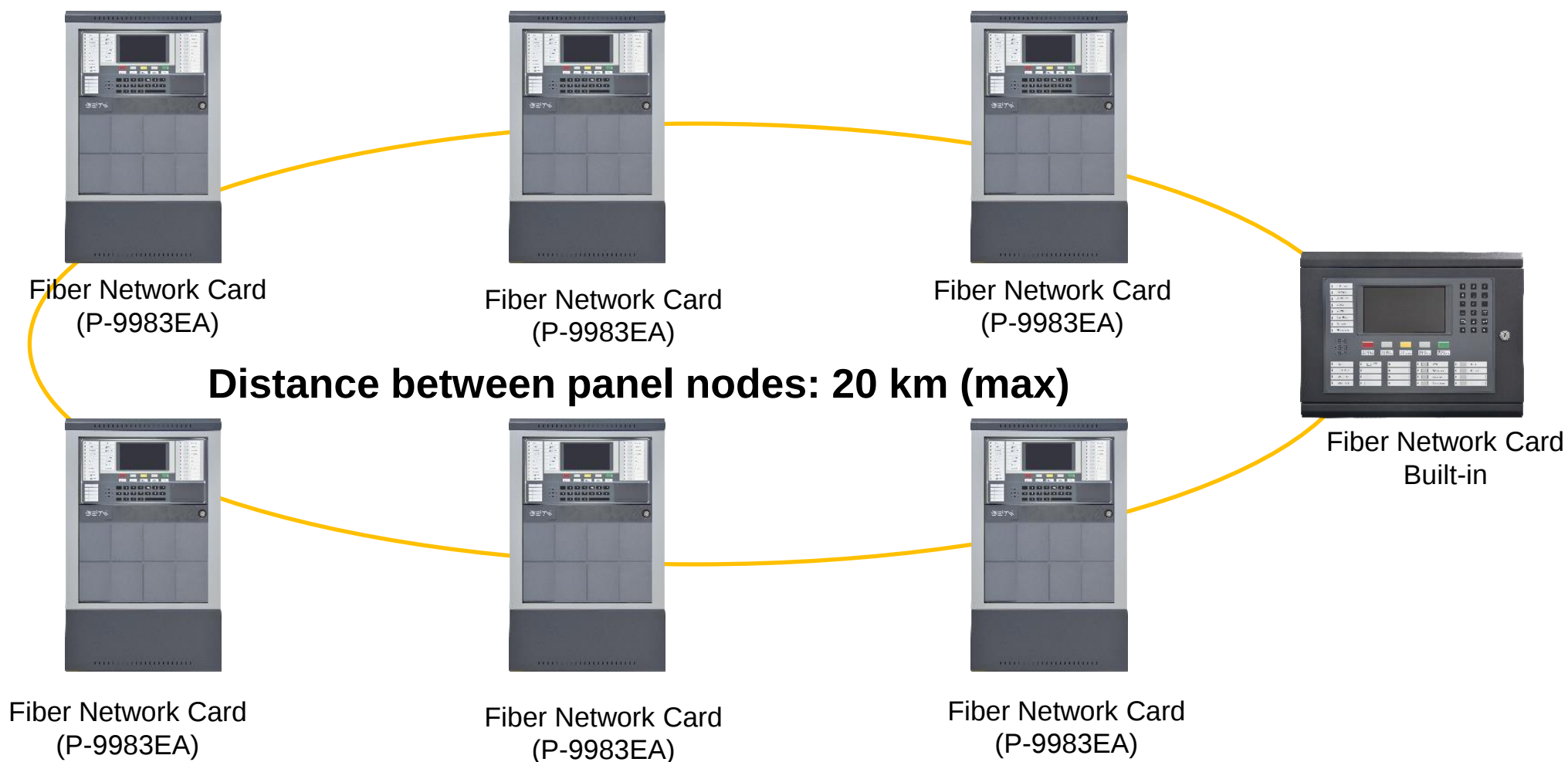


CAN Networking

Max. 250 panels

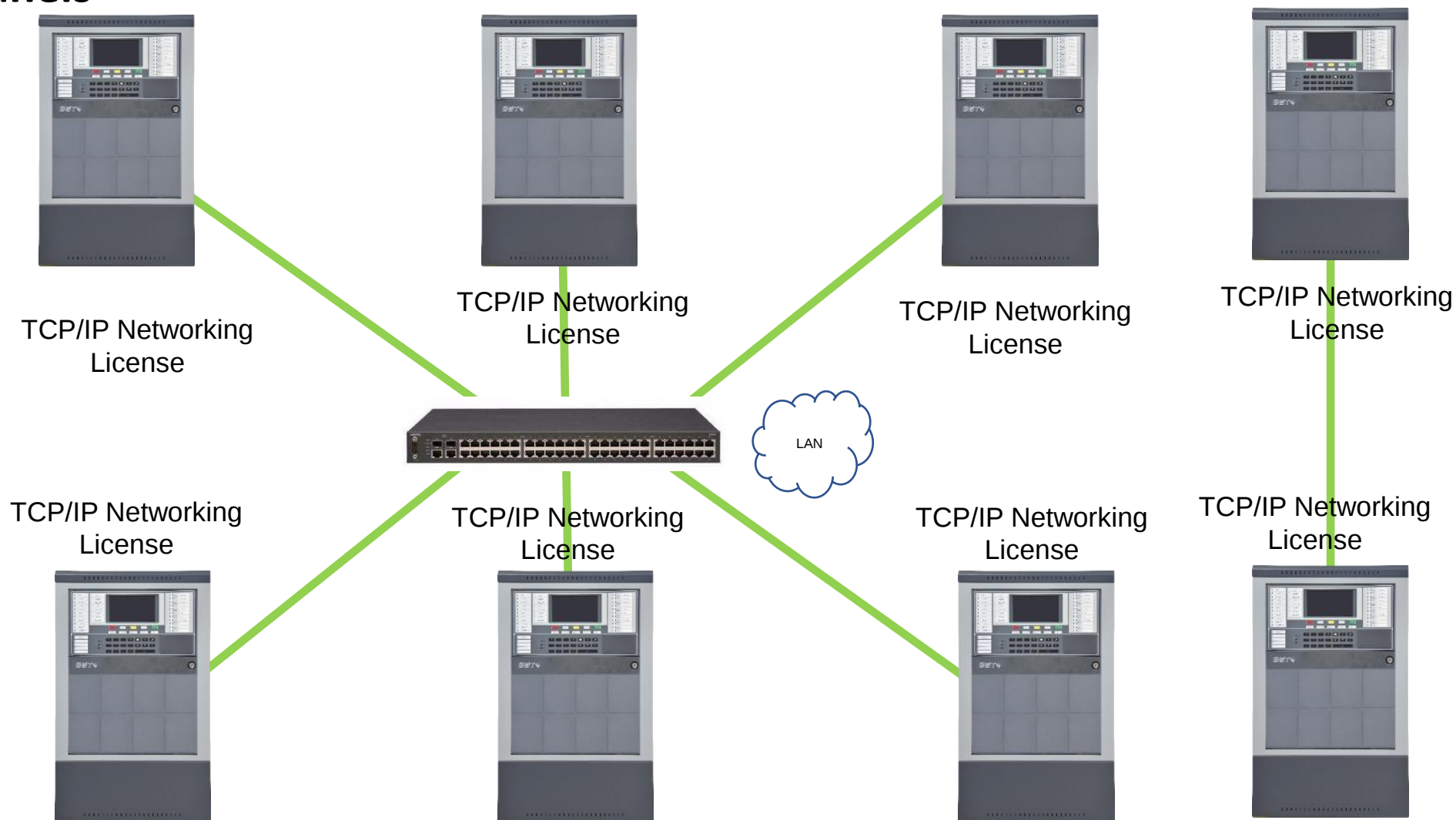


Fiber Networking Max. 250 panels



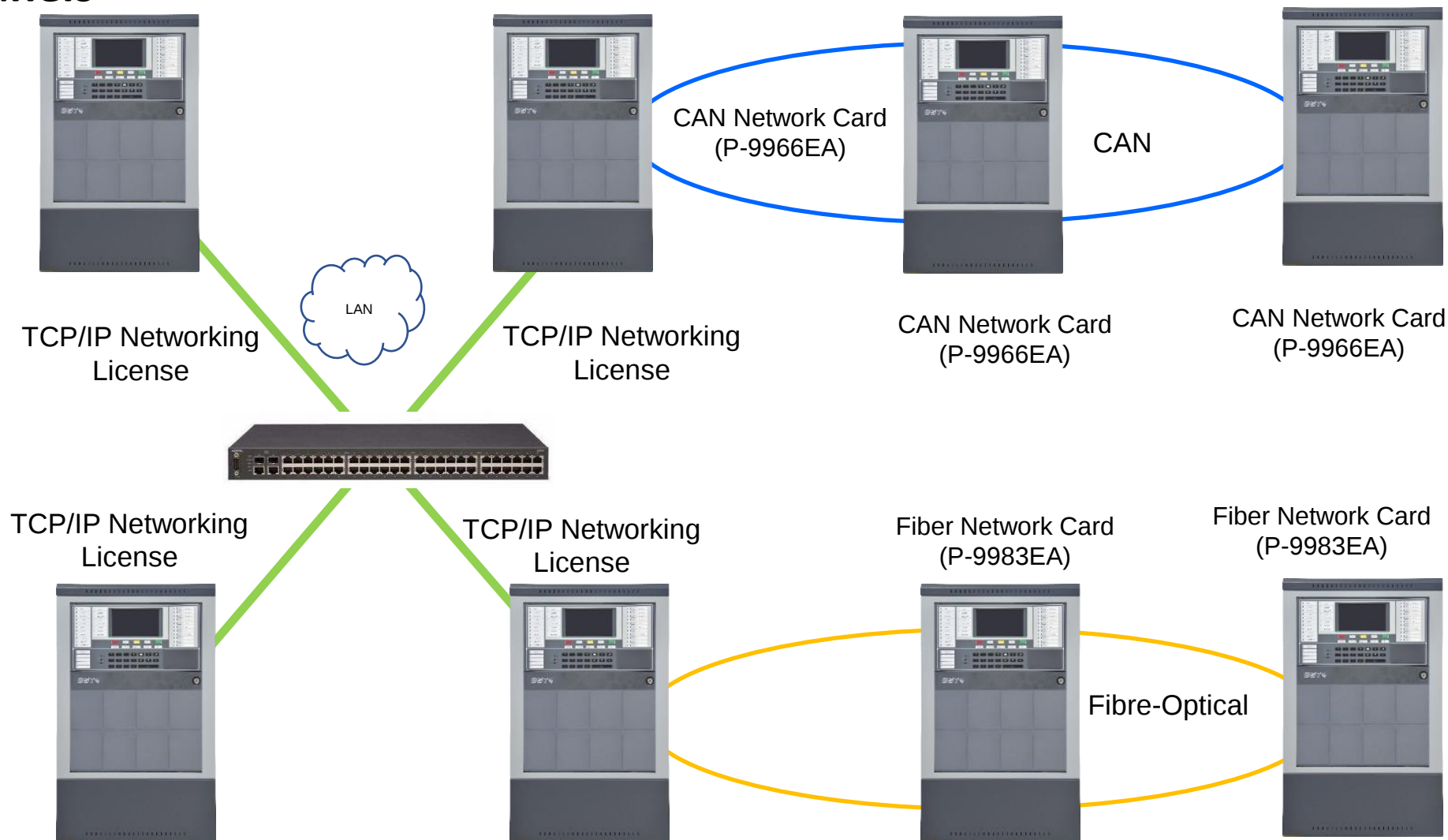
TCP/IP Networking

Max. 250 panels



TCP/IP CAN Fibre Networking

Max. 250 panels



One-stop Data Transmission

Multiple data transmission methods through USB, PC or both for easier commissioning.

The screenshot displays the GST-IFP4E-Def V1.0 software interface. The top menu bar includes options: Project Management, To Panel, To PC, Back, CodeChk, Device Model, Device Type, Export Excel, Export db, Simulator, and About. The 'To Panel' and 'To PC' buttons are circled in red. Below the menu bar, a table lists 18 zones with columns for Zone No., Zone Name, FontColor, Walk Test, PreMode, SounderMode, ReSoundMode, and DelayMode. A dialog box titled 'Select IP address' is open, showing the IP Address '10.176.16.195' and buttons for OK and Cancel. The dialog box is also circled in red.

Zone No.	Zone Name	FontColor	Walk Test	PreMode	SounderMode	ReSoundMode	DelayMode
1	000001 Alarm ...		0-Off	0-Off	0-Off	0-No re-sound	0-Off
2	000002 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	1-On
3	000003 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
4	000004 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
5	000005 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
6	000006 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
7	000007 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
8	000008 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
9	000009 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
10	000010 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
11	000011 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
12	000012 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
13	000013 Alarm ...		0-Off	0-Off	0-Off	0-No re-sound	0-Off
14	000014 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
15	000015 Alarm ...		0-Off	0-Off	0-Off	0-No re-sound	0-Off
16	000016 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
17	000017 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
18	000018 Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off

Effortless Integration for BMS

Building Management Systems

Built-in BACnet interface, a License works

Modbus, A Simple Card, Easy Plug in



P-9956E-Modbus

EMAIL Auto-Alerts

Email notification function for automatic alarms

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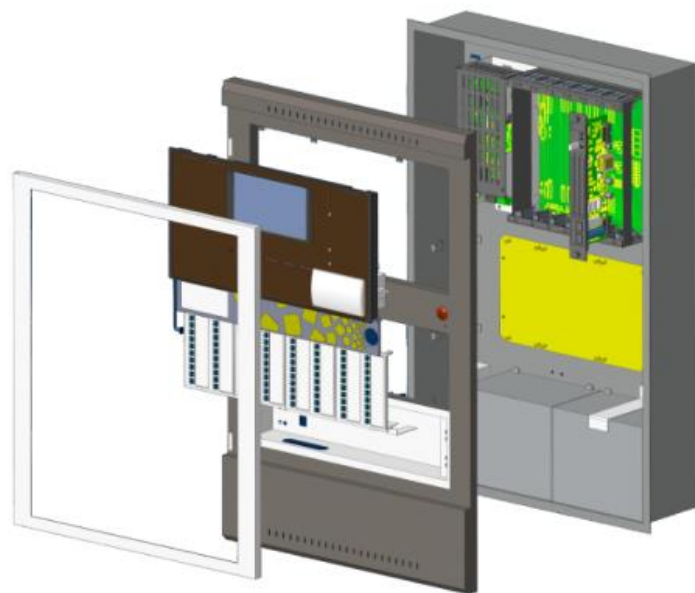
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Flexibility and Efficiency

Modular Design

Modularized PCB, tailored to your needs



MP-400E



MP-401E



NC-400E



PR-400B



LC-401E
LC-402E



P-9966EA



P-9983EA



P-9956E-Modbus



P-9981E



P-9981FE



P-9982E



P-9982FE

Modular Design

Optional MCP for Additional Redundancy



MP-400E

MP-401E

Modular Design

Single Loop

Dural Loop

1 up to 6 loops, 242 to 1452 addresses



Modular Design

Optional Zone Display/Control Panel

4 Options

User defined

	Part	Description
Zone Display/ Control Panel	P-9981E	Zone Display Panel, Bi-color LED x40
	P-9981FE	Zone Display Panel, R-LED x20, Y-LED x20
	P-9982E	Zone Display & Control Panel, Bi-color LEDx40,Buttonx20
	P-9982FE	Zone Display & Control Panel,R-LEDx20,Y-LED x20,Buttonx20



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Moreover

Network Repeater

Plug-and- Play Mode

Mute, Reset, Enabling Disabling etc.

GST-NR2EC	Built in CAN class A network interface
GST-NR2EF	Built in Optical Fiber network interface

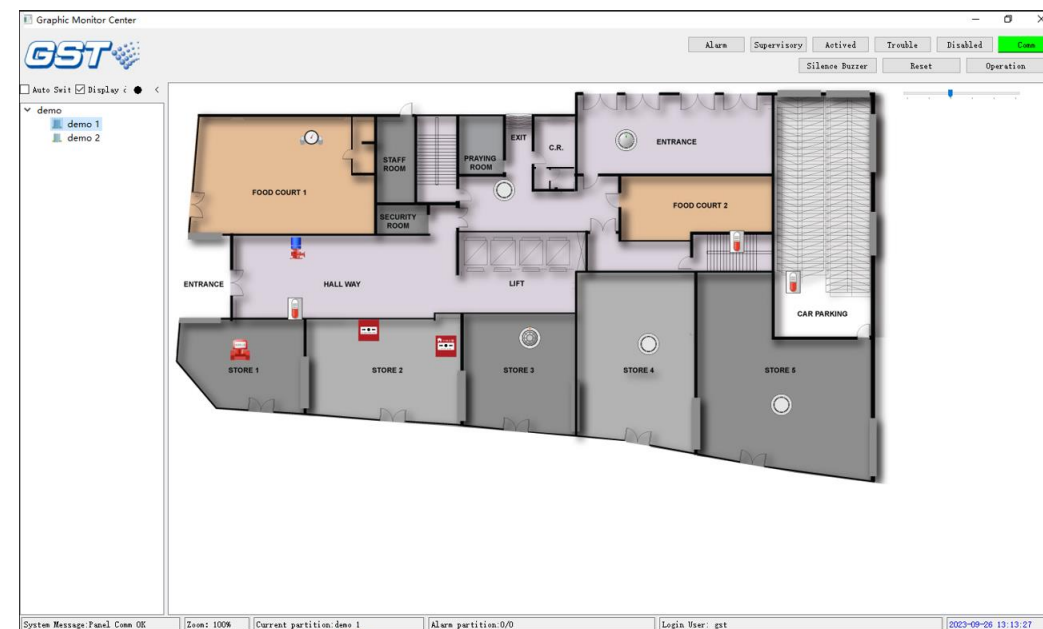


Software Supporting

- Definition tools provided for commissioning
- Optional GMC for visual system display

GST-IFP4E-Def V1.0

Zone No.	Zone Name	FontColor	Walk Test	PreMode	UnderMoc	ReSoundMode	DelayMode
1 000001	Alarm ...		0-Off	0-Off	0-Off	0-No re-sound	0-Off
2 000002	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	1-On
3 000003	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
4 000004	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
5 000005	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
6 000006	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
7 000007	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
8 000008	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
9 000009	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
10 000010	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
11 000011	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
12 000012	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
13 000013	Alarm ...		0-Off	0-Off	0-Off	0-No re-sound	0-Off
14 000014	Alarm ...		0-Off	0-Off	1-On	0-No re-sound	0-Off
15 000015	Alarm ...		0-Off	0-Off	0-Off	0-No re-sound	0-Off



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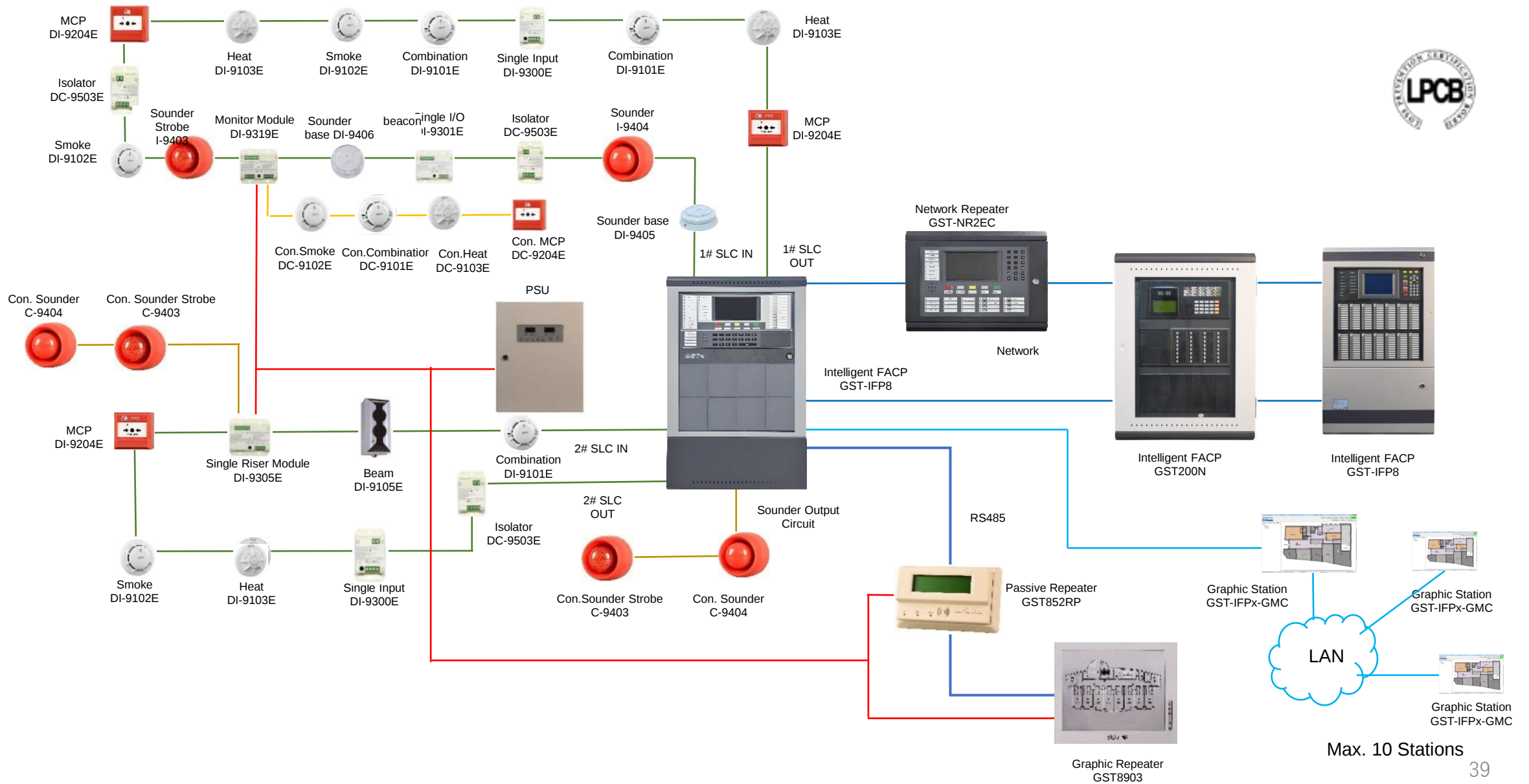
System Overview

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Max. 10 Stations



Q&A