

# Cerberus<sup>®</sup> PRO – safety features

## Siemens has a strong fire competence



- Over 40 million fire detectors installed around the world
- Automatic ionization smoke detector invented by Cerberus
- More than 600 employees in research & development
- Most modern fire safety laboratory, with a database of over 5,000 fire behavior tests
- World leader in detection reliability and immunity to deceptive phenomena

**→ Siemens has the best fire detectors in the world**

Open & Managed Protocol  
available from Siemens Solutions Partners



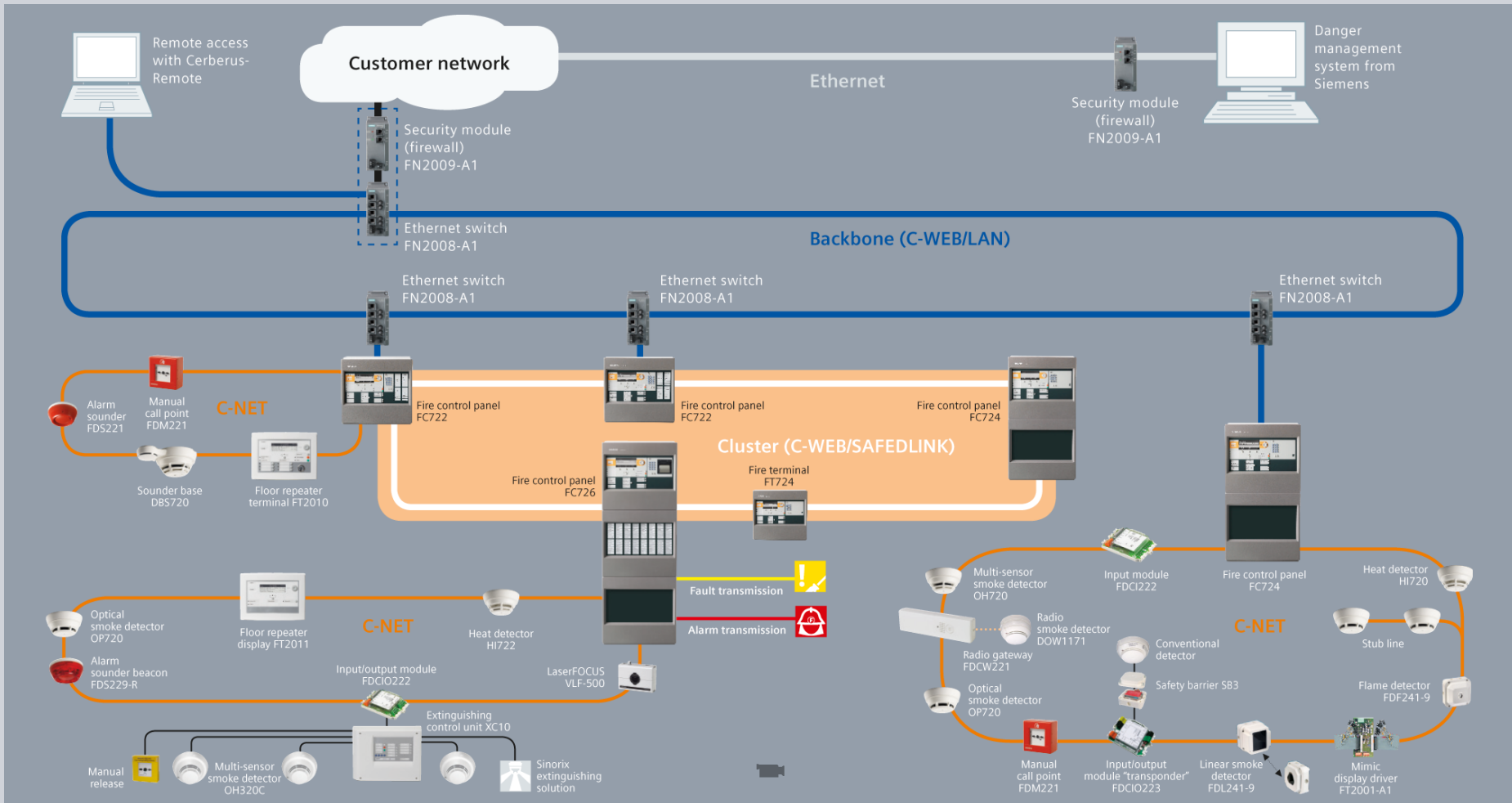
## Norm EN 54

### Norm EN 54-2; 13.7:

If more than 512 fire detectors and/or manual call points are connected to a Control Indicating Equipment, in the event of a system fault either or both of the following shall apply:

- Not more than 512 fire detectors and/or MCP and their associated mandatory functions shall be affected
- At least the following functions shall be provided in response to fire alarm signals from all fire detectors and/or MCP:
  - the indication of a fire alarm by means of the general fire alarm indicator and an audible indication
  - the operation of an output
  - the transmission of signals to fire alarm routing equipment if provided

## System overview



## EN 54 – we are even better

### EN 54 says:

Not more than 512 fire detectors and/or MCP and their associated mandatory functions shall be affected

### EN 54 says:

The indication of a fire alarm by means of the general fire alarm indicator and an audible indication

### EN 54 says:

The operation of an output

### EN 54 says:

The transmission of signals to fire alarm routing equipment if provided

### Siemens answers:

**With degrade mode, not a single fire detector and/or MCP is affected**

### Siemens answers:

**We fulfill this and indicate the alarm**

### Siemens answers:

**With degrade mode, all C-NET outputs can be activated, not only one**

### Siemens answers:

**We fulfil this**

**And even more: No second CPU is required**

## Remote operation – reliable and flexible

### Remotely? Local? The choice is yours.

- Identical indicator and operations display
- Simple switchover between remote and local access
- Remote access must be enabled locally beforehand – uncontrolled access is not possible
- Collision between remote and local access is ruled out



# Cerberus-Remote – easy remote operation via a standard PC

## Cerberus-Remote software enables remote access ...

- If you want to isolate a zone for maintenance work
- Change a text description
- Add a device
- Change cause & effect
- To evaluate the system status remotely and initiate appropriate response
- Access system remotely via a standard PC for programming
- 1<sup>st</sup> time fix with correct equipment before visiting site
- Predictive maintenance\*\*
- Increased efficiency thanks to less on-site visits
- Customer support in minutes **not** hours
- Reduced site visits and Co2/Impact on Environment

→ Access to your systems – anytime, anywhere

# Cerberus<sup>®</sup> PRO

Hands up if you have a question?

Solution  
Partner

Building  
Technologies

**SIEMENS**