



# Fire alarm *System Features*

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# Our Business: *Manufacturing*

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Main development in Sweden, and gathering the power with Japanese team

## Mie, Japan

Function: R&D, Manufacturing  
Sales & Marketing

Products: Detectors



## Malmö, Sweden

Function: R&D, Manufacturing  
System Support  
Sales & Marketing

Products: Control Panels (EBL), Peripherals





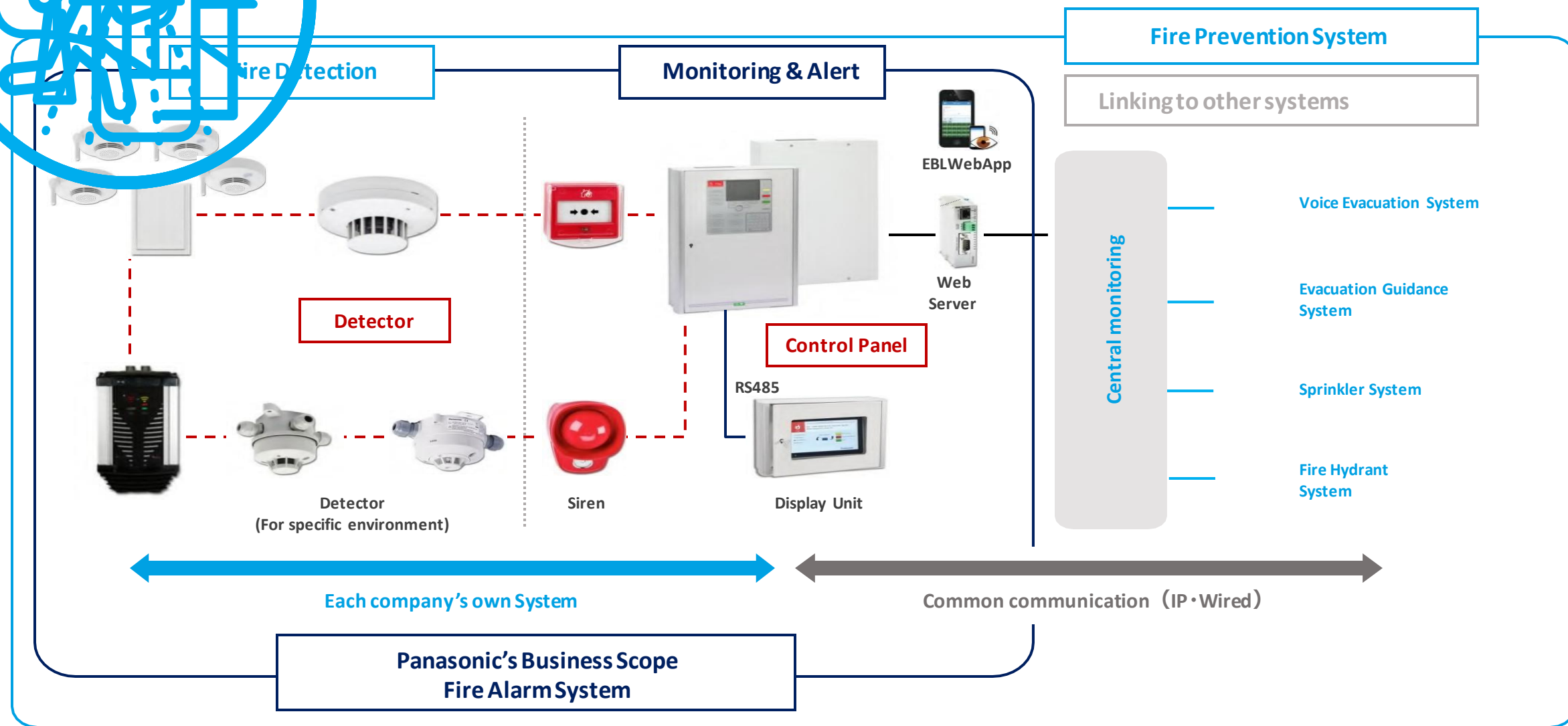


# System

Many systems in Buildings



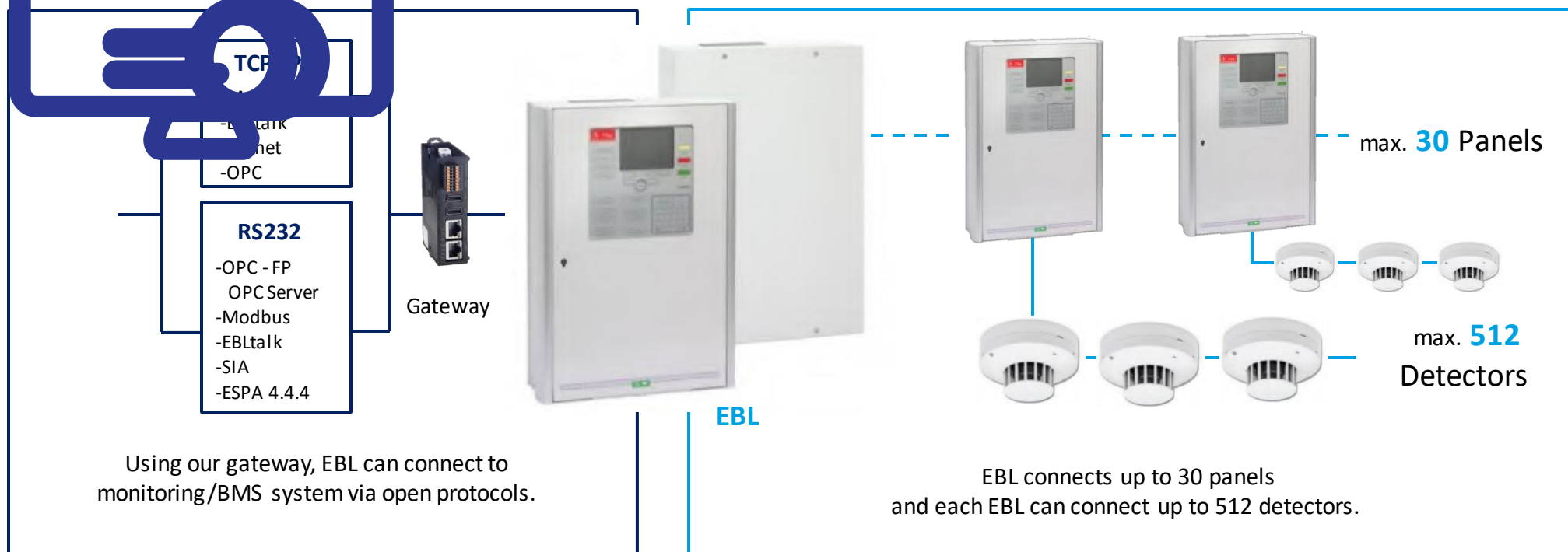
# Fire Alarm System





# Capable Good solution for various building

EBL can connect max. **15360 detectors / system** and with other open protocols as well.



Our products fulfill international certifications including VdS







# Features

## **Reliability**

Reduction of  
Unwanted/ False  
Alarm

## **Convenience**

Centrally controlled

## **Efficiency**

Easy  
Commissioning/  
Maintenance

**Panasonic's Fire alarm system provides "Life Safety" economically**

# Reliability: *Reduction of Unwanted False Alarm*

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Tested All products under real environment. The smallest mesh net give Reduction of Unwanted Alarm.



**Detector has 3 features to give the reliability.**

## Detection Reliability

Inspect all detectors twice under real environment; **combustion test**.

It make sure our detectors' reliability.

## Mesh Net

The embedded fine mesh net (less than 0.4mm) blocks the insects and dust to detect **only smoke**.

## AI Learning

Using AI learning, detector changes its threshold automatically to match to the environment.

Our system is suitable for **various buildings**.

# Convenience: *Centrally controlled*

The outbreak of the fire can be identified early by using the system's monitoring application.

**Easy surveillance, operation and maintenance**

## EBL Web Monitor



**Centralized & monitoring buildings  
(projects) remotely.**

**For Sler, Building owner, FM company**

### **Monitors several systems at the same time**

Available to control and monitor several Fire Alarm Systems from your office.

#### **Functions :**

- Report fire alarm, faults, or other deviations.
- Easy configuration with EBL Monitor Tool.
- Supports map image handling, so that the user may position the fire alarm systems on a user specified map.

## EBL Graphics



**Monitoring  
Individual building locally**

**For Building  
administrator**

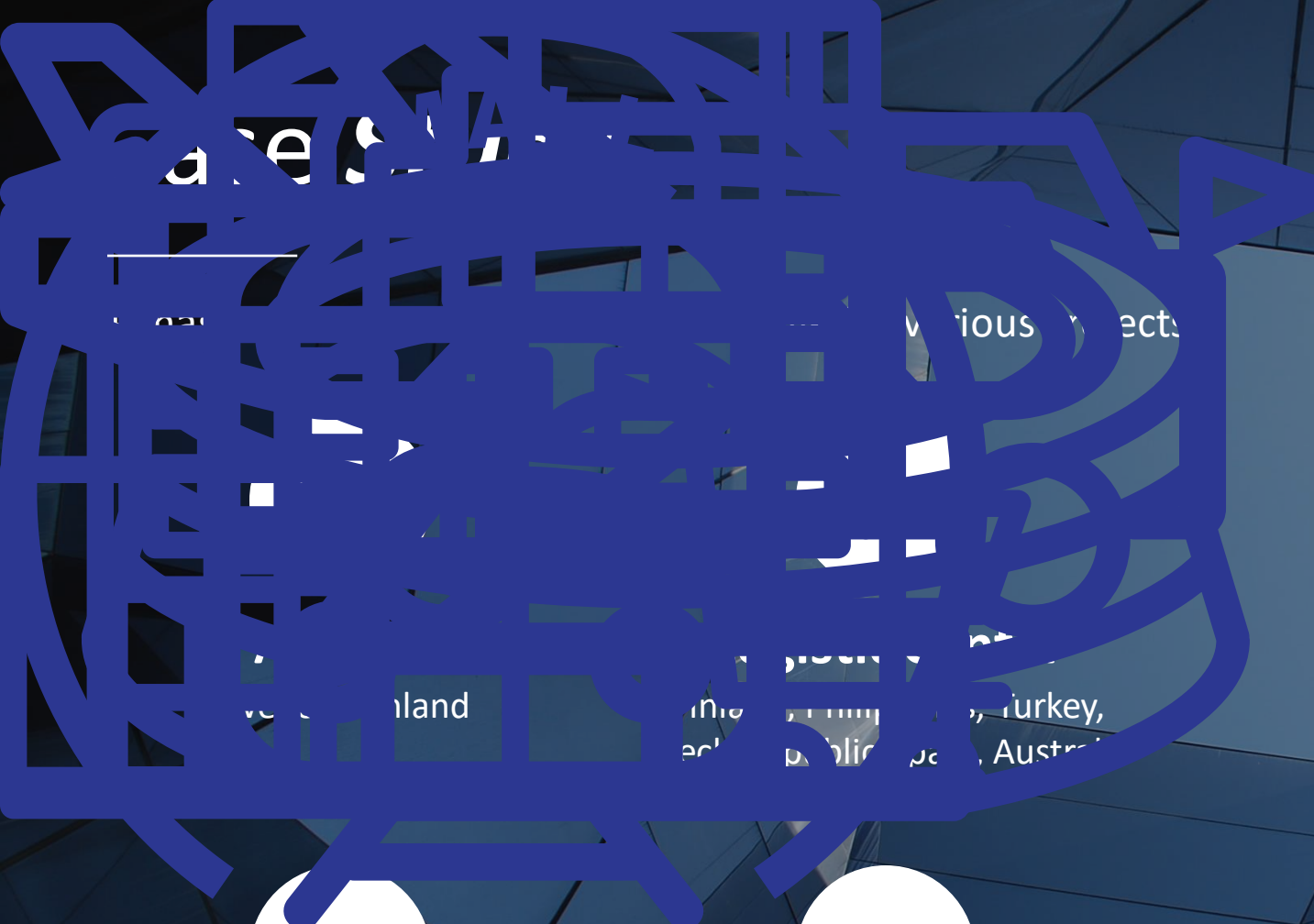
### **Monitors EBL system together with the linkage of IP camera**

Available to control and monitor the system from the administration office using the building diagram.

#### **Functions :**

- Report fire alarm, faults, or other deviations which can link with IP camera.
- Possibility to reset fire alarms and acknowledge faults.
- Possibility to disable / re-enable single alarm points or zones graphically.





**Metro**  
Poland, Turkey



**Apartment**  
Norway, Turkey,  
Australia



**Shopping Mall**  
Sweden, Finland,  
Germany



**Hospital**  
Sweden, Finland, India,  
Turkey, Australia



**Stadium**  
Finland



**Mosques & Traditional  
facility**  
Sweden, Turkey

# Summary



## Long experience

More than 30 years experience around the world and installed systems to **over 15,000 buildings**.

## Suitable product range & Quality

Various products available catering to various projects (e.g. building, data center, industrial sector, airport)

## Smart & Economic

With our unique features, **labor cost & time** can be **saved** during commissioning and maintenance

## Communicate with other system

Connectable to other systems like CCTV, Access Control, BA system using Modbus, TCP/IP etc.

**TECHNOLOGY FOR A BETTER LIFE SAFETY**





**Thank You**