



AUTRONICA

HOSPITAL

The place that can never be evacuated

A hospital is a large, complex construction to protect. It usually consists of several buildings spread over a large area, and here there are activities going on that can not be interrupted, even by fire. If an evacuation still is required, it is a time consuming exercise, with many immobile patients.

We must also take to heart that we live in a globalized world, where we need systems to deal with terror threats effectively – even in a hospital.

In such cases it is useful to have a system that requires minimal time to detect and raise the alarm.



Top system

AutroMaster is an integrated safety and emergency management system, combining the strengths of a powerful fire detection system with functions dedicated to make sure you are in control in case of an emergency.

AutroMaster is easy to use, with an intuitive graphic user interface providing a clear overview of the monitored areas. From here you can control a broad range of systems, including our own interactive fire detection systems.

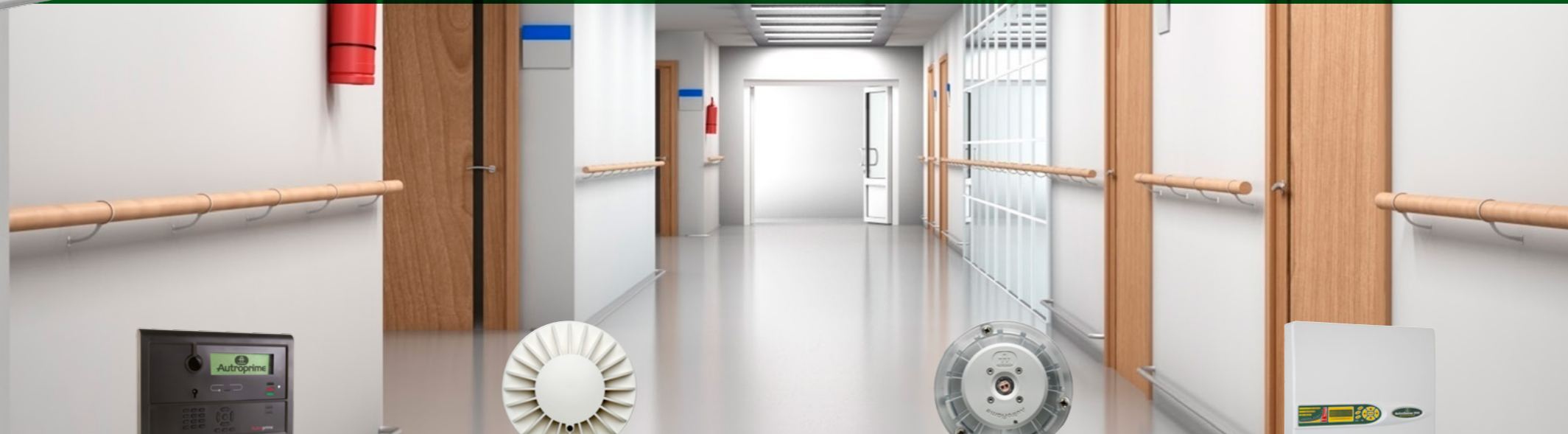
AutroMaster dynamically presents values for smoke and heat with different colours in the monitored area. Status information is displayed in real-time, and the navigation provides the possibility to display everything in detail. Utilising information layers, you can easily monitor power/water supply networks, sprinkler systems, emergency lights, escape routes, fire doors or any other object which may be relevant in case of an emergency can be displayed. These layers can be toggled on/off in order to simplify overviews and present only the information of interest.

AutroMaster simplifies and reduces cost of maintenance. Manual controls are carried out using a tablet PC, and you

can generate reports based on the result. It is easy to disable/enable detectors and loops. Any faults/changes in the fire detection system is shown clearly.

In the Decision Support System you can add customer specific routines and practice these. They are easily accessible, and you can create a timestamped log whenever they are revised.

AutroMaster is placed in the technical department, providing complete control of all the hospital's buildings – or all hospitals in the region.



Fire alarm control panel

One panel is placed in every protected building. Fire brigade panels are located near all entrances and in all nurses' stations. Our loop powered panels communicate and are powered through the detection loop.

Detectors

Our smoke, heat and multisensors covers most needs for fire detection. Smart technology offers longer life, better protection against unwanted alarms, and shorter response time to smouldering fires.

Flame detector

Our flame detector is ideal for the protection of façades, and garbage storage areas.

Aspirating smoke detector

High-sensitivity smoke detection is designed for use in particularly clean or polluted areas in need of extra protection.

Voice alarm

Voice alarm central is placed in the technical department, ensuring efficient and safe evacuation in case of an emergency. Each zone receives dedicated information.

Why choose fire safety from us:



Technical department

Responsible for ensuring that all persons present in the building are safe, in that the system is working correctly at all times.

Spends less time on daily operations:

- Easy enabling/disabling during maintenance
- Automatic logging of events
- Mobile operation
- Top system connecting all fire safety systems.

Hospital management

Is primarily responsible for ensuring the everyday operations run smoothly, without interruption.

- Smart technology reduces the scope of manual control while increasing safety and doubling the detector lifetime

Fire department

Responsible for fire fighting, lifesaving and salvaging remaining value. Short response time is essential to minimize damage to life, environment, and property, and to ensure minimal downtime.

- Benefits from early detection and precise warning, few unwanted alarms
- Smart technology detects fire faster and eliminates unwanted alarms
 - Handheld/tablet AutroMaster shows fire progress and indicates precise location

Staff

Responsible for action in an evacuation. Must be up to date on evacuation procedures at all times.

Get easy, clear information in an emergency situation:

- See where the alarm originates
- Faster handling of the situation
- Better and safer evacuation
- Can rehearse different scenarios without disturbing the everyday operations

Patients

Have a safe stay at the hospital, and can rest assured that the hospital staff have the information and qualifications needed to handle not only medical emergencies – but all emergencies.



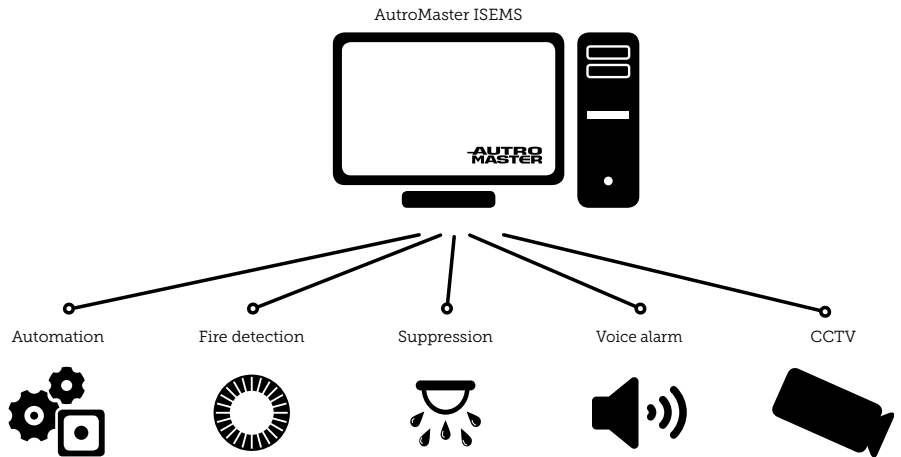
One supplier – total fire safety

To claim that we save the world would be an exaggeration. However, we do contribute to making it a safer place.

Fire safety is increasingly prioritized in large parts of the world, and we are happy to be part of that development. We make everyday life safer for factory workers in Brazil, hospital patients in The Netherlands and people shopping for groceries at the mall in Malaysia.

Our products are flexible and easily adaptable to local conditions in different parts of the world. This makes it safe to choose our solutions – no matter where in the world you are.

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Service and maintenance

Service and maintenance must be performed in accordance with local/national requirements. We recommend an annual service and control of the total system.

For information on service and maintenance of the fire detection system and other equipment, refer to relevant procedures included in the installation and commissioning handbooks from Autronica.

We recommend that you let us or one of our certified partners take care of the service. Then you lay your trust in the hands of people with training on and experience with our systems. This will ensure a longer life span of your system and increase the safety, thus reducing the life-cycle cost.

Standards

Local/national standards apply.

Approvals

All our fire safety products are approved according to EN 54.

For certificates, go to www.autronicafire.com.

Chosen references

Haukeland hospital, Norway
Bergsodden nursing home, Norway
Västerås hospital, Sweden