



AIRPORT

What happens if you have to evacuate the airport?

The growth in air traffic over the past 20 years has by far exceeded that of other sources of people transport. Just between 2003 and 2010, the number of flights between Norway and abroad increased by 76% *.

The consequences of evacuating an airport, with the following delays in air traffic, are severe, both to society and in direct economic losses.

There are many reasons why air traffic is delayed. Fire or unwanted alarms do not have to be one of them.

* Numbers from the Norwegian Institute of Transport Economics



AutoMaster

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.

AutoMaster 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.

AutoMaster dynamically presents values for gas density, 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 – making it easy to perform the necessary actions during fire fighting activity.

The top system also enables customer-specific information in the monitored area in information layers. 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.

Top system

The AutoMaster is placed in the safety/operations building, providing full control and overview over all buildings at the airport - or every airport in the region.

Fire alarm control panel

A fire alarm control panel is placed in every protected building. Fire brigade panels are placed in points of attack. Our loop powered panels communicate and are powered through the detection loop.

Voice alarm

A voice alarm central is placed in the safety/operations building. The voice alarm system ensures efficient and safe evacuation in case of emergency.

Basic detectors

Our smoke, heat and multisensors are utilised in the terminal and office building. Smart technology offers longer life, better protection against unwanted alarms, and shorter response time to smouldering fires.

Flame detector

Our flame detector is efficient for exterior protection and in hangars.

Beam detector

Our beam detectors are placed in atriums and hangars. Optical beam smoke detectors are the wide area smoke detection technology of choice.

Why choose fire safety from us:



Operational Manager

Responsible for ensuring that all persons present in the building are safe, in that the system is working correctly at all times. Coordinating an extensive number of systems.

Spends less time on daily operations:

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

Owner

Responsible for air traffic running as planned, without interruption.

- Smart technology reduces the scope of manual control while increasing safety and doubling the detector lifetime
- Can control all airports from one central office

Local fire brigade

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.

Benefit from early detection and timely notification, few unwanted alarms:

- Smart technology detects fire faster and eliminates unwanted alarms
- Handheld/tablet AutoMaster shows fire progress and indicates precise location

Employees

Responsible of helping out in an evacuation situation. Must be drilled in routines and evacuation plans 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

Passengers

Get where they need to go on time, with a minimum of interruptions. They're avoiding unnecessary, frightening situations, and get a better customer experience.



AUTRONICA

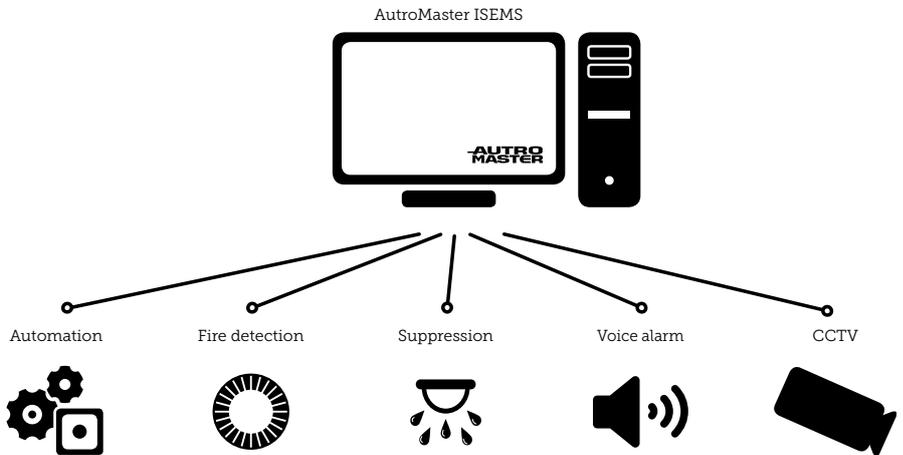
**One supplier
– total fire safety**

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

Trondheim airport Værnes
Helsinki airport Vaanta
Svalbard airport