



AUTRONICA

# SCHOOLS AND PRESCHOOLS

Safety threats against children are our worst nightmare

Our children spend most of their day in school or preschool. Our biggest fear is that something will threaten their safety – whether it is fire or other threats.

The everyday life here focuses on play, education and development. For those owning and running these establishments, however, safety must always be a top priority.

Our job is protecting those closest to our hearts.  
How do we do that in the best way possible?



Fire detection systems in schools are often subjected to vandalism. Manual call points are a cherished target for students passing by, getting a whim, resulting in a full emergency response and a bitter fine from an already strained budget. To solve this, we provide a "tampering cover" to be mounted over the call point.

In order to activate the call point you need to flip open a lid connected to a local alarm. This alarm is not connected to the fire detection system, but will draw attention if activated unnecessarily. In a real fire situation an extra alarm will not make a difference, but hopefully it will stop the student from pressing the button.

### Voice alarm

AutoVoice MULTIVES voice alarm system with two-way communication allows communication between administration and classrooms in an emergency situation. Students and staff can be directed to a safe exit.

AutoVoice MULTIVES is our brand new voice alarm system, a flexible system that, in addition to emergency evacuation can be used as an adequate Public Announcement system.

In schools, the MULTIVES is used in an evacuation situation, but also for everyday functions like ringing the school bell and communication of direct and pre-recorded information to parts of – or the whole school. The two-way communication with each classroom can be a useful tool in the daily communication between principal and class, especially in case of an emergency situation demanding actions according to the school's emergency procedures.

The classroom microphone console also has an audio input, where multimedia sound can be connected and transmitted via the local loudspeaker. For the same purpose, you can upgrade the loudspeakers in the sports' hall and auditorium, using AutoVoice to play stage sound.

For larger school complexes, several AutoVoice MULTIVES systems can be connected in a redundant fibre network. The system can become as large as you desire.

### Fire alarm control panel

The panel can be placed in the janitor's office, with information panels by all entrances and in the principal's office. Information/repeater panels can communicate and be powered through the detection loop.

### Detector

Our smoke, heat and multisensors cover 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 exterior protection of buildings, such as near garbage storages.

### Why choose fire safety from us:

#### Janitor

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

Spends less time on maintenance and gains more control:

- Can communicate directly with the classroom and give instructions in an emergency
- Smart technology makes time-consuming testing superfluous and simplifies control

#### County

Has the superior responsibility for the safety of our children while they are in school or preschool, as well as financial responsibilities.

Gets a safe system, providing the staff with useful tools in a threatening situation:

- Smart technology detects fire faster and eliminates expensive emergency response due to false alarms

#### Emergency services

Responsible for resolving the situation, whether it is fire fighting, lifesaving or eliminating threats. Quick response and accurate information is essential to protect life, environment and property.

- Can communicate with classrooms, or the entire school
- Smart technology detects fire faster and eliminates unwanted alarms
- Loop panels provide precise indication of location

#### Staff

Responsible for knowing what is happening, and when. Must obtain an overview quickly, and either get people out or take other kinds of action.

Gets help in an emergency, can communicate with task management and take action

- Two-way communication through the voice alarm system
- Fire detection information panels pinpoint location of fire

#### The children!

We ensure a safe weekday in school or preschool, where they can roam freely.

Should anything threaten them, their safety is ensured.





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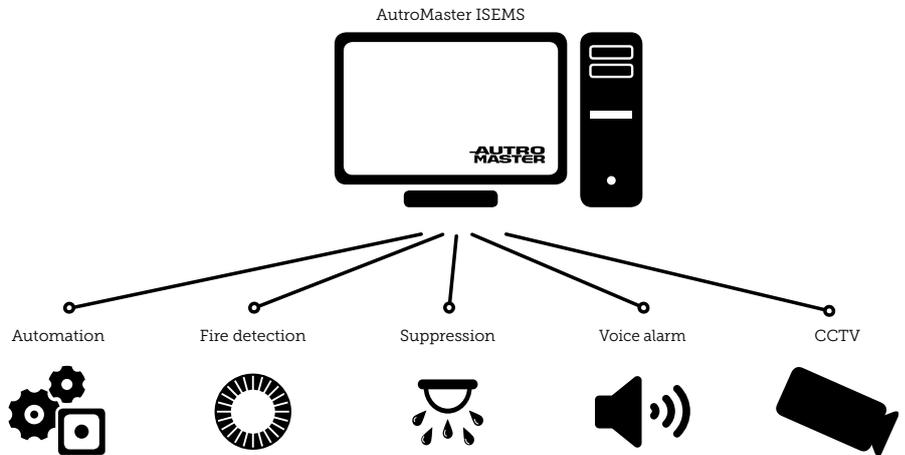
**One supplier  
– total fire safety**

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](http://www.autronicafire.com).

#### Chosen references

Gullhaugen preschool, Harstad  
Færder comprehensive school, Tønsberg  
Norwegian University of Technology and Science, Trondheim