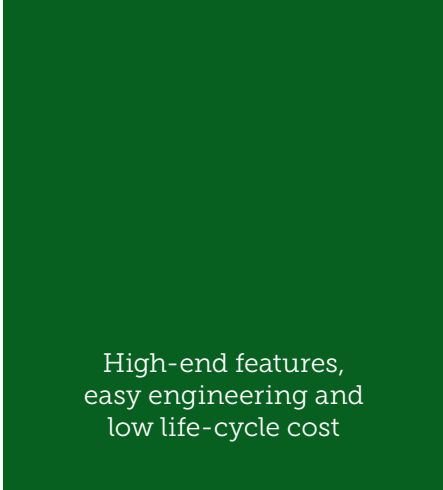AUTRONICA

AUTROPRIME

— easy, reliable and flexible interactive fire detection system

MARITIME

High-end features,
easy engineering and
low life-cycle cost

THIS IS AUTROPRIME

Autronica's products have always been associated with innovating high quality technologies, challenging your way of thinking about fire detection. Autroprime® is no exception; the system includes many tried and tested Autronica technologies. The very good news is the achievement of combing high-end features, easy engineering and low life cycle cost.

Autroprime® is the ideal choice for protecting life and property in the merchant ships´ market. The system with its four loops, finally brings a truly integrated concept to fire safety with its possibility to provide interface to the FlexiFOG® water mist system, or to a third party system.

Autroprime® finally brings a truly integrated concept to fire detection: everything is in place, and system functionality and reliability have never been better. Low-level simplicity ensures that this fire detection system exceeds expectation and provides next-generation possibilities, all for a low life-cycle cost.

Autroprime® – bring simplicity to life.

FIRE DETECTION MADE EASY

For the merchant ships' market, Autroprime® brings simplicity, quality and extensive functionality in one integrated system, providing safety and economy in a complete package. What makes it so simple?

Simplified maintenance

Autronica's SelfVerify detectors will automatically perform a calibrated test every 24 hours and verify that the smoke and heat sensitivity is correct and in line with the European Norm. This ensures the end-user's knowledge that the system will work according to specification every day.

The operator will be informed of any potential deviation and the system will calibrate automatically to maintain each detector within the Norm. The operator will know where to aim the efforts, and when, hence save time and money.
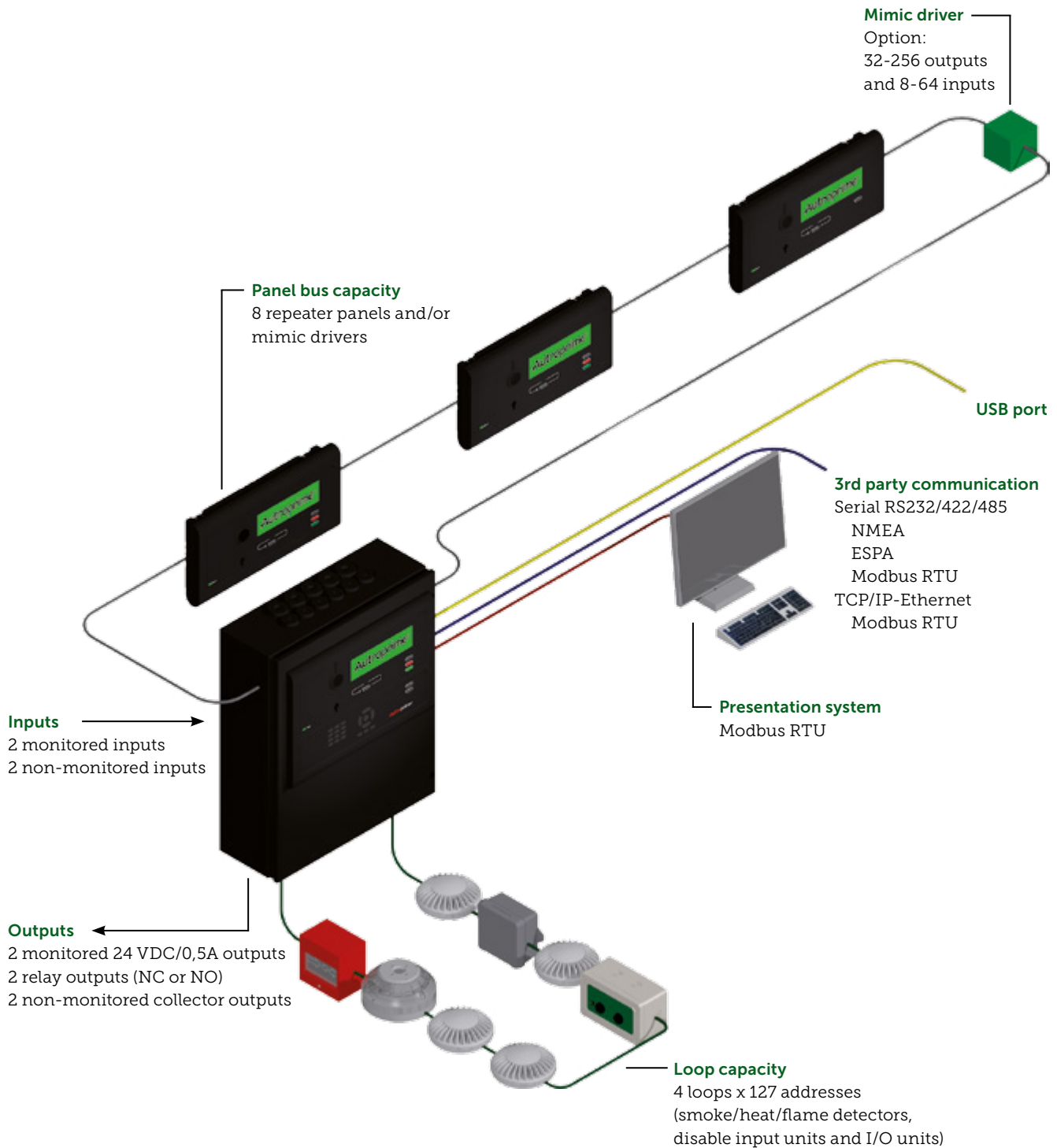
Simplified commissioning

The installation will automatically read the topology of the loops from the moment you switch on the main panel, based on individual data from each loop unit. Further configuration of the system is also easily done, but the system will operate with full functionality from the first initialisation.

Simplified operation

The detectors are provided with unique built-in addresses, as are all the other loop units. This address will be displayed in case of alarm or a deviation from normal operation and save time in troubleshooting. It will also pinpoint the exact location of the problem.

Mimic driver
Option:
32-256 outputs
and 8-64 inputs

Panel bus capacity
8 repeater panels and/or
mimic drivers

USB port

3rd party communication
Serial RS232/422/485
    NMEA
    ESPA
    Modbus RTU
TCP/IP-Ethernet
    Modbus RTU

Inputs
2 monitored inputs
2 non-monitored inputs

Presentation system
Modbus RTU

Outputs
2 monitored 24 VDC/0,5A outputs
2 relay outputs (NC or NO)
2 non-monitored collector outputs

Loop capacity
4 loops x 127 addresses
(smoke/heat/flame detectors,
disable input units and I/O units)

![Autronica logo]

Autroprime is ideal for use in:

v Tankers

v Supply ships

v Bulk carriers

v Ferries

v Superyachts

FLEXIBILITY

Autroprime is a flexible system. With its high-end specifications and feature richness, Autroprime® can be integrated into any merchant ship's market vessel.

Autronica Fire and Security AS is proud to bring this advanced fire detection system to the maritime market.
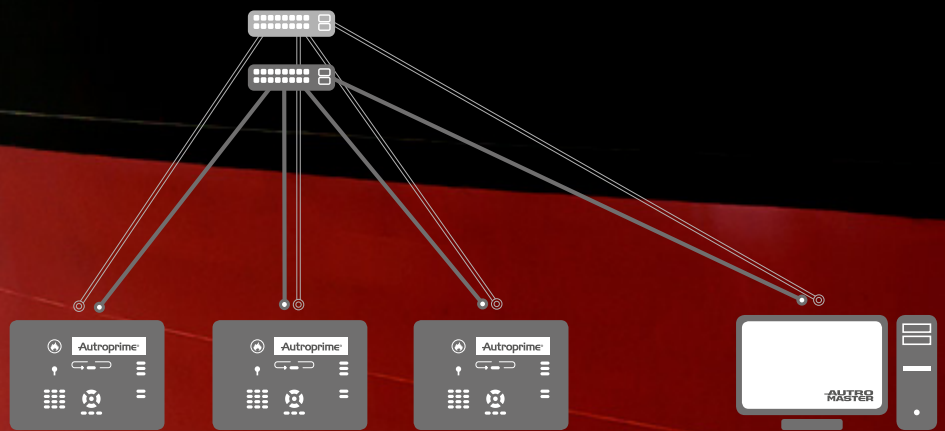
AUTROMASTER

For more extensive control, Autronica offer a presentation system combining the strengths of a powerful fire detection system with control and monitoring functions dedicated to make sure you are in control in case of a fire incident.

If you need to expand your fire detection system, AutroMaster is the way to go. Any number of Autroprime systems can be connected to one central point of control, which can be located on land, allowing for full control of the entire fleet.

AutroMaster Maritime Edition
AutroMaster Maritime Edition is a unique control and monitoring system covering your basic fire management needs. This system is dedicated to communicate with the fire detection system, and is certified according to IMO/SOLAS requirements in addition to several classification companies.

Flexible and reliable
– easy to maintain, modify
and expand.

The vessel is displayed in detail with all detectors, sensors and loop units illustrated in the General Arrangement (GA) plan, and the graphical user interface is intuitive and easy to use, ensuring you have control of any fire-related situation at any time.

AutroMaster ISEMS

AutroMaster ISEMS is an Integrated Safety and Emergency Management System offering extended functionality to make sure you are in control in case of an emergency. It is maybe the most powerful management systems available to the maritime market today.

Features include:
- v DSS/Incident manager
- v Damage control module
- v Ship-to-shore communication
- v Electronic plotting table
- v Virtual training module

Thinking new thoughts is part of our job.

That is how we create products that make you feel safe.

We protect lives every day – and the best part of it is that no one notices. Our equipment is installed on thousands of vessels all over the world, ensuring that tens of thousands of crew and passengers are safe.

The products we make are among the best in the world, yet still we keep working to create something that is even better. This makes us not only a preferred supplier of fire and gas safety systems, but a participant that continuously keeps raising the standards for safety at sea.

AUTRONICA

Autronica Fire and Security AS is a leading innovator, manufacturer and supplier of fire, safety and maritime measuring equipment worldwide.

Our products ensure safety in applications on land, sea and in the petrochemical, oil and gas sectors.

We are an international company with worldwide offices and our HQ is located in Trondheim, Norway's technology hotspot.