



**YOUR FIRE DETECTION SYSTEM NEEDS AN UPGRADE,
YOU MAY CHOOSE HOW...**

Autronica Fire and Security AS – Protecting life, environment and property



- THE OLD HERO -



UPGRADE YOUR OLD SYSTEM NOW - IT WILL BE WORTH WHILE

Even trustworthy systems like the BS-series do not last forever. Due to increased difficulties in providing spare parts to a system from the 1980's, it will be wise to upgrade your system. Prices on spares and repairs are rapidly increasing.

THREE WAYS TO INCREASED SAFETY

You may choose to upgrade the system completely, or step by step. If you start now, you will be able to upgrade in a flexible and affordable way. You may replace the panels only, panels and detectors, or the whole system. The choice is yours.

Replace the panel, keep the loop units

You may connect the existing loops to the new AutoSafe panel by using a BS-100 loop driver. The loop units may in this case be utilized for a couple of more years, and the units can gradually be replaced loop by loop.



Replace the panel and detectors, keep the cabling

By using a BS-100 base adapter, you may install new detectors and connect these to a new panel without upgrading the cabling. This leads to increased safety with the most advanced detectors available on the market and easy operation, without making major changes. By keeping the cables, you will save both time and money.

Replace the entire system

Surely you can choose to upgrade the entire system all at once. Even here, you can often use most of the existing cables. You will then have a flexible, expandable system with maximum safety and performance.



- THE NEW HERO -



AUTROSAFE WILL KEEP YOU SAFE IN THE FUTURE

AutoSafe 4 Interactive fire detection system provides the highest degree of security yet by combining safety, reliability and availability. The system ensures optimal detection using self-testing technology, checking and verifying the sensitivity on all detectors, interfaces, connections and cables to alarm output every day. This saves both time and money compared to manual testing.

AutoSafe is developed for tomorrow's challenges with a wide range of applications, flexible expandability and connectivity, prepared for class requirements that have not yet been introduced. Over 15,000 AutoSafe systems are already installed onshore, offshore and on vessels worldwide.

From safe to Dual Safety

AutoSafe is designed to monitor normality and respond to abnormalities. Detectors with SelfVerify control themselves, adjust to the correct level and notify deviation. Additionally, the system monitors the detectors, loops and cables.

At the basic level, the sensor units are connected by two-wired loops. Consequently, in case of a single broken or shorted loop, connection with all units is maintained. Accidents can happen, and AutoSafe is always prepared - in the double sense.

Built to be expanded and modified

AutoSafe is known for its flexibility and the ability to be expanded and/or modified. Our Ethernet-based panel network connects the different panels through a high-speed redundant system, delivering solid, reliable performance in line with current regulations.

- Maximum 64 fire alarm panels per system
- Maximum 15 000 loop units connected to one system
- Maximum 6 detector loops per panel
- Maximum 127 loop units connected to one detector loop
- Maximum 15 loop units connected to one PowerLoop
- Maximum 31 loop units connected to AutoFieldBus
- Event log with up to 10 000 events

If there is need for changes in the system, the new loop technology will ensure that all detectors, AV units and I/O units can be mixed on the existing loop.

AutoSafe 4 is approved acc. to EN 54, part 2 and 4 and CPD.



AUTRONICA FIRE AND SECURITY AS

Autronica is a leading innovator, manufacturer and supplier of fire and gas safety equipment. Our products ensure safety in applications on land and sea worldwide. The company is owned by United Technologies Corporation (UTC) and employs more than 380 people with great skill and experience in the developing, manufacturing and marketing of fire and gas safety equipment. Autronica Fire and Security AS is an international company based in Trondheim, a dynamic city known as the technological hotspot of Norway.

Protecting life, environment and property