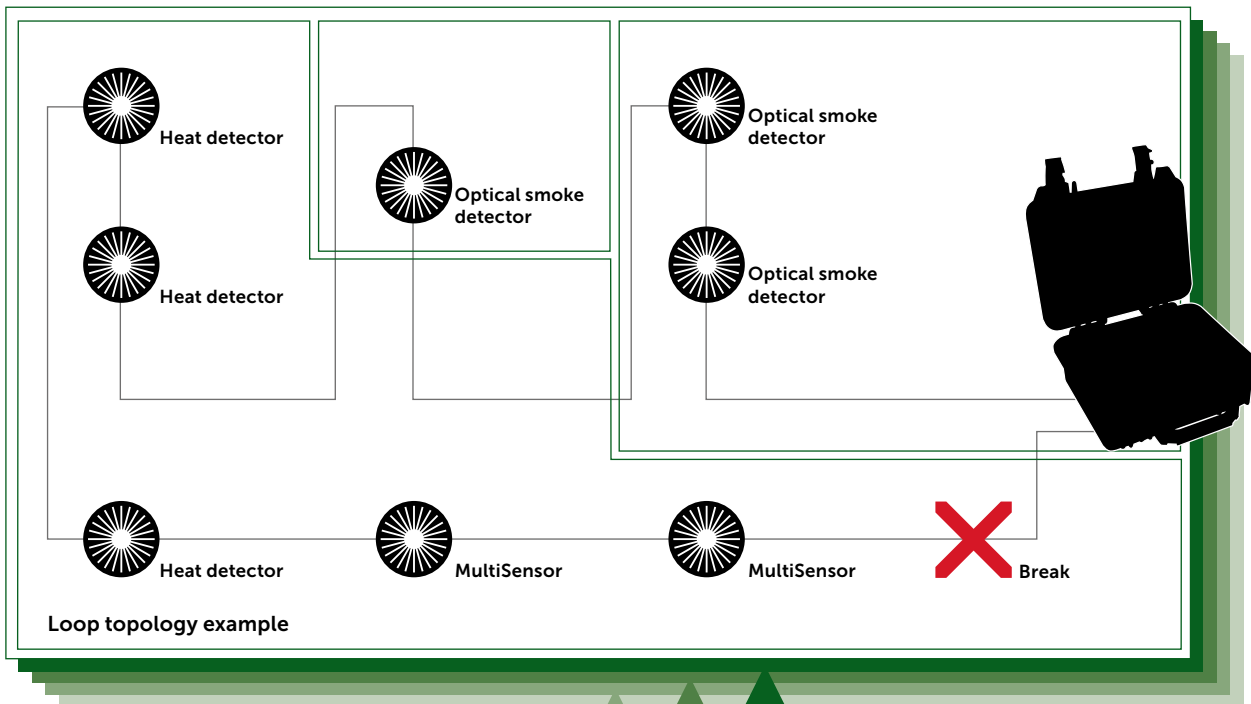


# AS2000 LOOP DIAGNOSTIC TOOL

AS2000 is a PC-based installation and service tool, irreplaceable when installing or maintaining loops; it gives both detailed static and dynamic point information. The system downloads information from all units connected to the loop and presents the gathered information on-screen.

AS2000 make it unnecessary for the installation engineer to carry out the complex and often time-consuming task of registering every point and unit connected to loops. This tool has three main advantages: loop-data is collected quickly and efficiently, faults and errors are localized and the collected data can form the basis for the fire-alarm system's configuration. Connecting the system to a loop will automatically result in a graphical representation of the entire loop. This on-screen map is 100% true-to-life, presenting the actual installed loop.

- √ Time-saving – troubleshooting is automated, the system detects and reports faults
- √ Economical – the installation process is sped up
- √ Easy – fault detection during start-up and maintenance, before the fire-alarm system is started or online
- √ Quality assurance for the fire detection system



# LOOP PRESENTATION

The illustration shows an example of a detector loop which covers three different areas using 8 detectors.

- ✓ To check each of these units individually is a time-consuming process and the risk of human error is high. AS2000 makes it possible to quickly verify detector loops and identify each individual loop unit's type, serial number and position on the detector loop.
- ✓ AS2000 reports the detector-loop status; in the event of a problem, the installation engineer is given a full graphical report indicating where the problem lies. When a problem is detected and corrected, AS2000 generates a data-file that can be used with the AutoSafe configuration tool.
- ✓ In addition to making the task of mapping loop topology far easier and less prone to human error, AS2000 also has a diagnostics tool and several different graphical reporting tools that prove invaluable during installation and maintenance.
- ✓ The topology window shows loop units in their correct place on the loop. When unit icons are clicked, AS2000 reports the chosen unit's information (type, SMV-values, temperature, etc.). The example above depicts a loop break after the last MultiSensor.



**Graphical topology view**

- ✓ Graphical presentation of the entire detector loop featuring detailed information and point-and-click interaction
- ✓ Indicates presence of loop breaks
- ✓ Measures loop resistance

**SMV barghant**

- ✓ Graphical presentation of detectors' actual SMV values
- ✓ Monitor maximum and minimum values

**SMV curves**

- ✓ Continuous reports from up to 4 loop units simultaneously
- ✓ Colour codes report unit status

**Report Generator**

- ✓ Generates a system-specific report
- ✓ Reference for servicing
- ✓ Save imported data as a configuration file
- ✓ Fields for site name and loop number