

# Panoptes XF Alarm Management

Intelligent Protection - Smart Response

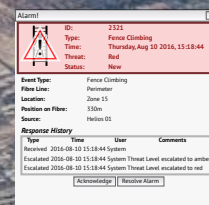
**Fotech's alarm management server, Panoptes XF, provides accurate and actionable alarms to help you protect your assets. Using advanced AI technology, Panoptes XF differentiates between background noises and real threats to ensure you have the information you need to mount an effective response.**

When acoustic events occur along a fibre optic cable they are detected by the Helios DAS, which processes all the acoustic data received and applies its detection algorithms to identify and classify events (e.g. digging, climbing, and pipeline leaks).

Each event is instantly delivered to the Panoptes XF alarm management server. It evaluates all the events it receives; assessing the location, persistence, cadence and movement of the event. With its advanced artificial intelligence, Panoptes XF determines if an event is a 'threat' to the integrity of an asset and when to raise the alarm. This minimises false-positive alarms and ensures you only receive accurate information about genuine threats.

Panoptes XF manages alarms using user-defined thresholds: Green, Orange or Red level; giving you the ability to tailor alarms to what is important to you, in each zone and at specific times of day.

With bespoke commissioning that takes into account the type of asset, the threats and integrity issues faced, and the anticipated response time, Panoptes XF ensures that you have the right information to make a quick and proportionate response.



*The Panoptes XF alarm management server, whether located remotely or in the field, connects to all the Helios DAS along your asset to accumulate, analyse, and manage event information; presenting all alarm and threat information in a single map GUI*

## Key Benefits

- Accurate and actionable information on threats and integrity issues in real-time
- Advanced alarm management minimises false alarms and background noise to ensure users are alerted to real threats only
- Manage multiple Helios DAS units with a single Panoptes XF server
- View and manage alarms along the full length of your asset from a single Map GUI
- Multi-platform alarm support, allowing multiple users and third party systems to be alerted to threats and equipped with actionable information for a quick and proportionate response

## Panoptes XF Features

- Multi-platform alarm delivery, including XML over HTTP, Binary, Email or SMS
- Acknowledge alarms and access supporting information using a remote web-interface
- Integrate into control rooms with SCADA over Modbus
- User calibration supported via the map interface
- Set and manage time/zone based alarm suppression
- Maintain system and alarm logs
- Alarm report management with enhanced user configuration options for alarm notifications
- Offline Maps<sup>†</sup>, with multi-layer functionality for user annotations and markers
- User-defined event types and icons
- Multi-Language GUI\*
- Remote operation on touch-screen mobile devices
- Enhanced redundancy features

<sup>†</sup>Support for offline map servers that support the Leaf interface.

\*For further information on multi-language options, please contact your local representative.

## World leading DAS technology from Fotech Solutions

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