The Amerex Integrated Monitoring System (AIMS) is a comprehensive, fail-safe system that lets you monitor, plan, assess and respond to work-site incidents using real-time information, around the clock, wherever you are. Scalable and customizable, the system can be configured to meet the needs of any industrial site, providing effective, efficient maintenance and actionable incident management. AIMS allows you to disseminate remote, immediate communications to your team in the event of an incident, while creating an audit trail that can't be tampered with for record and review to limit liability.

AIMS has three software modules for complete reporting and management of all your fire protection equipment, increasing efficiency, saving on manpower and eliminating human error.

AIMS INCIDENT MANAGEMENT SYSTEM

This is the AIMS primary software module and allows you to perform work site pre-planning, equipment status monitoring and alarm reporting. Designed with industry-leading response technology, this system generates greater collaboration between command, dispatch, staging and emergency operations centres. It also gives you quick access to critical features, such as a dedicated communication portal, shared mapping, weather data, notification tools and social media feeds so you can manage any incident from pre-planning to post auditing.
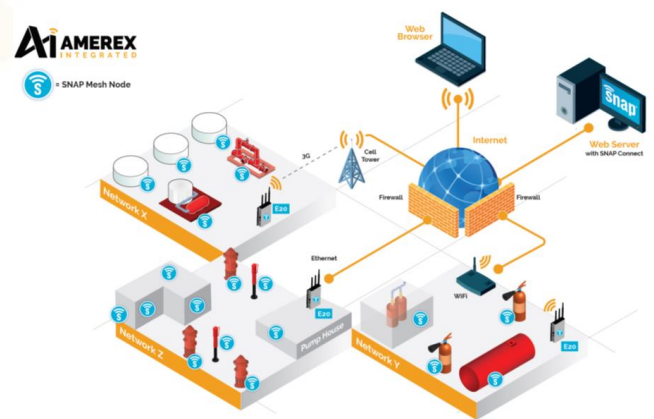
AIMS MAINTENANCE SYSTEM

The Maintenance System captures accurate data for and during predictive, scheduled and emergency maintenance. It's an NFPA compliant application that lets you access real-time information from all fire equipment, while notifying site operators and AHJs of any change in system status.

AIMS PERMIT TO WORK SYSTEM

The Permit to Work System provides checks and balances to know who is working on your fire protection equipment and if it is done properly. The system includes five modules: Contractor Management, Company Information, Method Statement, Work Permits and Employee Information. It lets you see in real time the equipment being serviced to limit the possibility of error as it is re-commissioned.

AIMS works by using the innovative SNAP® operating system, a wireless, self-healing mesh network that collects and transmits information critical to any installation or any site. The mesh network is capable of monitoring in the region of 5,000 nodes or remote devices. These devices can be simple switch units or any 4-20 mA input from a pressure, flow, level, gas or any other transducer with a 4-20mA output.

A recent addition to the AIMS family is the **Fire Panel Interface.** This is a panel that allows remote devices such as Sprinkler Flow switches, Tamper switches, Pressure switches and any other simple switch input to be connected to any fire alarm panel wirelessly. Thereby enabling a user to annunciate all the mechanical fire protection items on an existing or new fire alarm panel and having all the alarms managed in one place. The system being

wireless also saves time and money on installation costs making it ideal for both new and retrofit scenarios.

The **Fire Panel Interface** connects to the fire alarm panel using the fire alarm manufacturers standard input modules installed on the addressable loop. In the event of an alarm from the field the **Fire Panel Interface** operates the appropriate input module. To meet with Factory Mutual requirements **the Fire Panel Interface** will annunciate three different types of alarm, these being Alarm, Trouble and Supervisory inputs.

AIMS works by using the innovative SNAP® operating system, a wireless, self-healing mesh network that collects and transmits information critical to any installation or any site. The mesh network is capable of monitoring in the region of 5,000 nodes or remote devices. These devices can be simple switch units or any 4-20 mA input from a pressure, flow, level, gas or any other transducer with a 4-20mA output.

AMEREX Integrated are also able to connect fire alarm panels together wirelessly using either the RS232 or RS485 output from the fire alarm panel. The AMEREX Integrated 30000 family of robust, mesh networking, serial wireless adapters makes it easy and quick to connect RS-232 (model 30400) and RS-485/422 (model 30300) devices, increasing distance beyond physical wire constraints while reducing installation and on-going maintenance cost and line noise problems.

Compared to other serial wireless adapters, AMEREX Integrated adapters provide the highest performance, longest distance and quickest configuration in the industry. Linking two (or more) physical serial ports or devices is simple. Just connect each device to

one of the SNAP Link adapters, press the Mode button to automatically pair them together, and you're done. The units are powered by USB or an external AC adapter which are included with the product.

Amerex Corporation is known worldwide as a trailblazer in the fire protection industry from fire extinguishers to fire suppression systems for vehicle, industrial applications and kitchen protection. The company now HAS made a strategic move to increase its innovative offerings by adding unprecedented monitoring for your fire equipment through Amerex Integrated. With the Amerex Integrated Monitoring System (AIMS), your fire suppression solutions can be monitored around the clock from anywhere, providing you better management of those systems than ever before. Amerex Integrated is redefining fire equipment monitoring and incident management.

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Part Number:
Form Number: