

AMEREX – 36700 Incident Management System (AIMS)

36700 Incident management system

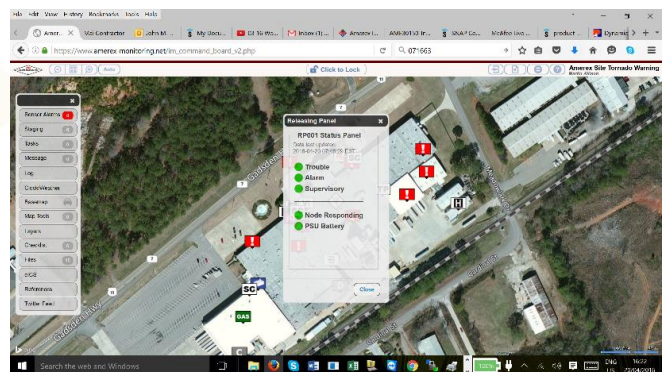
AMEREX Incident Management System delivers spontaneous site condition recognition of remote equipment, which automatically populates at near real-time, a collaboration between incident and/or event staff, including incident commander, staging, dispatch, and emergency operation centers.



AIMS can run on virtually any mobile device such as iPhones, iPads, tablets, etc.

AIMS provides unique ‘pop-up’ windows, which indicate alarms or any preset activation of a device or action by personnel via icons placed on the command board.

This unique aspect of the pop-ups provide



an insight of the condition of the preconfigured alarms. The ‘pop-up’ windows can be interrogated at any time to gain vital information of a device.

AIMS provides fast access to pre-plan information, including checklists, file attachments, and user-defined fields. Pre-plans may be address specific for critical infrastructure, or generic to natural and/or planned events.

With time-stamped logging it creates a protected audit trail and assists users in completing after action reports.

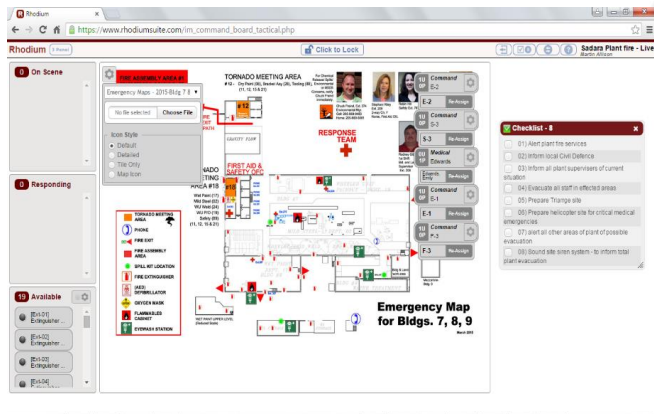


AIMS enables quick access to critical features, such as, shared mapping, weather data, notification tools, dedicated communication portal, social media feeds, and many other features.

Once an incident occurs on site, AIMS allows the users to easily improvise a command post without a requirement to wait for a specific computer or vehicle to arrive.

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An integral part of AIMS, which has been developed by AMEREX Integrated, is a system that facilitates the monitoring of field devices; in the past it has not been cost effective nor efficient to obtain data from such devices. Information from the field can

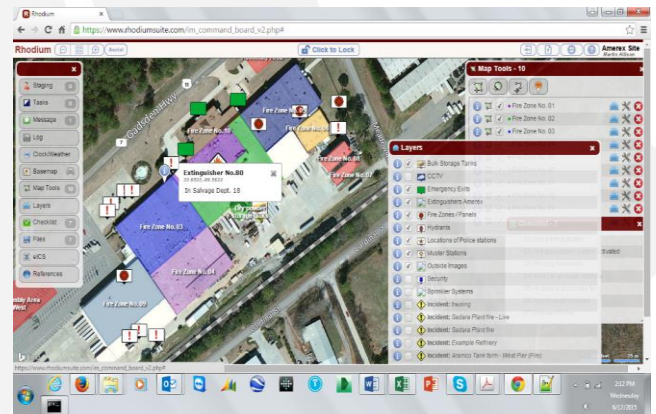


now be displayed in our unique pop-up windows.

The application of the system’s innovative mesh technology, together with short burst

data techniques, are the corner stone of this pioneering system.

The system is capable of receiving information from, remote fire systems, data



from a sprinkler valves, pressure sensors, open, closed, tamper switch, vibration, temperature, etc. Through our unique pop-up windows all this information is immediately at hand.

Other applications

Oil and Gas	Transportation	Industrial	PetroChem	Fire Systems
Mass Notification systems	Vehicle Monitoring Local and remote	Remote valve conditioning and monitoring	Process Monitoring	Foam tanks
Remote Skid monitoring	Vehicle Tracking	Site security	Safety / Security Systems	Bladder tanks
Remote valve condition monitoring	Vehicle Fire Suppression systems	Safety / Security Systems	Mass Notifications systems	CO2 skids
Environmental monitoring	Airport vehicle monitoring/management	Mass Notifications systems	Environmental monitoring	Gaseous fixed protection cylinders
Safety / Security Systems		Environmental monitoring	Remote valve condition monitoring	Fire water tanks
Tank Level monitoring		Process Monitoring	Tank Level monitoring	Fire truck equipment
Fire extinguisher monitoring		Fire extinguisher monitoring	Fire extinguisher monitoring	Fire/Gas detection panels
		Vehicle Tracking		



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AMEREX Integrated modules are available in a variety of configurations and, therefore, can monitor a vast array of signals generated by a plethora of field equipment. The data transmission from our field equipment can monitor various inputs; digital, 4-20mA, RS485, RS232 and MODBUS.

Below is an examples of the information that can be retrieved from a fire water tank monitoring device.

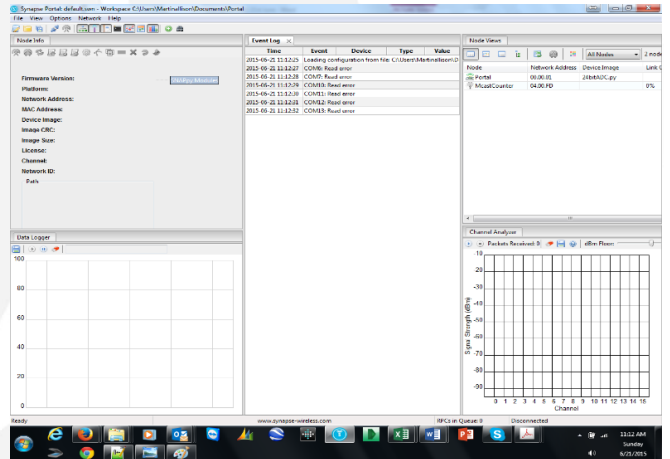
Type of Devices	
Analogue	Digital
Temperature	Motor / Pump status
Water Flow reading	Level switches
Environmental Data	Tamper switches
Level gauges	Valve Status
Motor / Pump status	Facility / Security Status
	Flow switches
	Main/Emergency Status

The mesh network of nodes has self-healing properties and is easy to install and maintain. Our battery field devices are able to endure the harshest conditions and have a life span of up to two years, and have a range of approximately 2 kms.

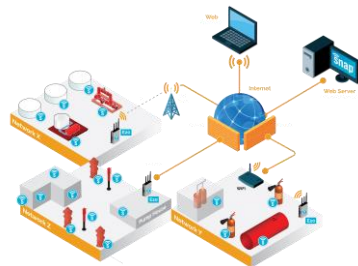
The information from the devices is accumulated in servers which can be either on site or hosted in our dedicated server rooms in Coimbatore, India and Birmingham, Alabama, USA.

The mesh network can be monitored by our “Portal” software, which administrate the network, display event logging, channel

analysis, data logging information, etc. The system can also analyze channel usage, edit the device on line and detect new nodes if additional devices are added.



Our ‘i-Cloud’ service web site provides secure, remote access to your intelligent on site equipment or fire systems wherever an internet connection is present. As part of our safety i-Cloud service, the user can monitor and, in some applications, control the full range of equipment and fire protection systems from a web browser on a PC or a mobile device.



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