TASC SYSTEMS INC.

Monitoring Emergency Circuits for Integrity

Improving your Public Protection Classification

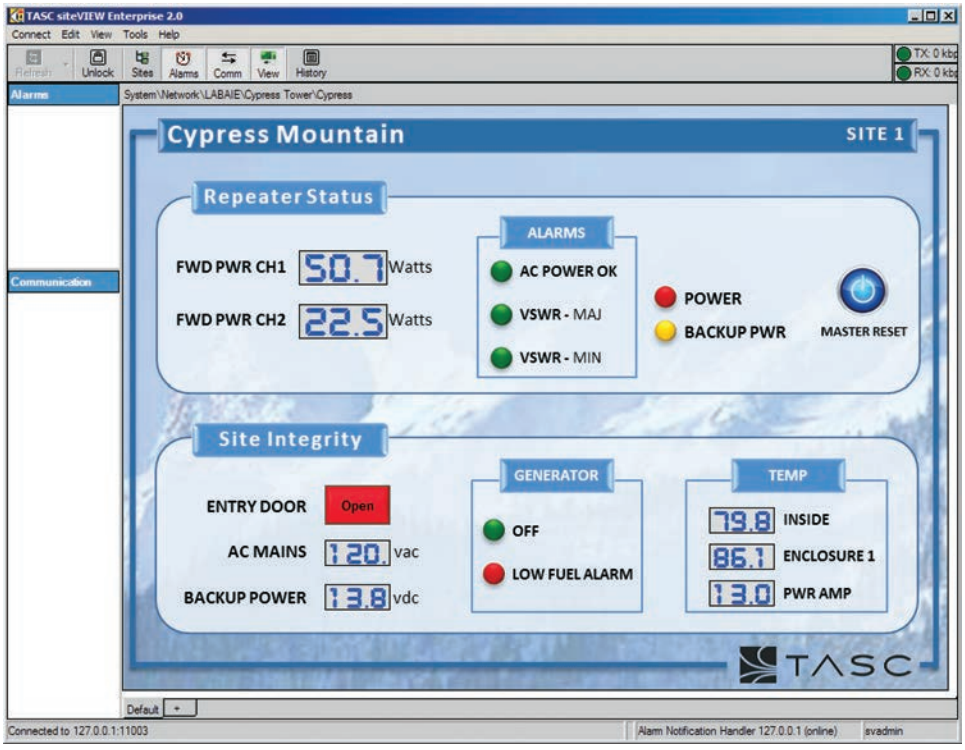
Your community can improve their Public Protection Classification by monitoring the integrity of their primary dispatch circuit of their Public Safety Communication Center (911 call center). The Fire Suppression Rating Schedule (FSRS) awards up to 1.5 credits points for Item 430.B, Monitoring for Integrity of Circuit.

Objective: To achieve the maximum number of ISO credits in order to improve the Public Protection Classification for the community. This could result in lower insurance premiums.

Monitoring for integrity involves installing an automatic system that detects faults and failures and sends visual and audible alarms to the appropriate personnel. In order to determine what is essential, you must follow NFPA 1221, the standard for installation, maintenance, and use of emergency communication systems. NFPA 1221 outlines in detail the requirements and ISO provides a worksheet to assist with evaluating if the circuit is properly monitored for integrity.

The TASC Monitoring and Control system is designed to monitor all the critical components that make up a communication system. This includes primary and secondary power sources, the transmit repeater, and the antenna line. A key requirement of the standard is to provide audible and visual indications of a failure at the time of signal activation. The TASC system will monitor the Push-To-Talk (PTT) and notify the appropriate personnel if for some reason it was unable to transmit. For example, if the antenna was blown off or the primary power source had failed, there would have been both audible and visual notifications provided by the TASC monitoring system.

TASC will work with an authorized representative in order to make sure the TASC monitoring system is designed correctly to meet the NFPA 1221 standard. The goal is to make sure that if the radio does not transmit at the time of signal activation (PTT), the appropriate personnel are notified. The result could be an improvement to your Public Protection Classification and a way to manage the insurance premiums for the community.



Graphical User Interface (GUI) captures the critical points of monitoring to ensure transmission is achieved when the radio is keyed. Visual and audio alarms will notify personnel of a failure.

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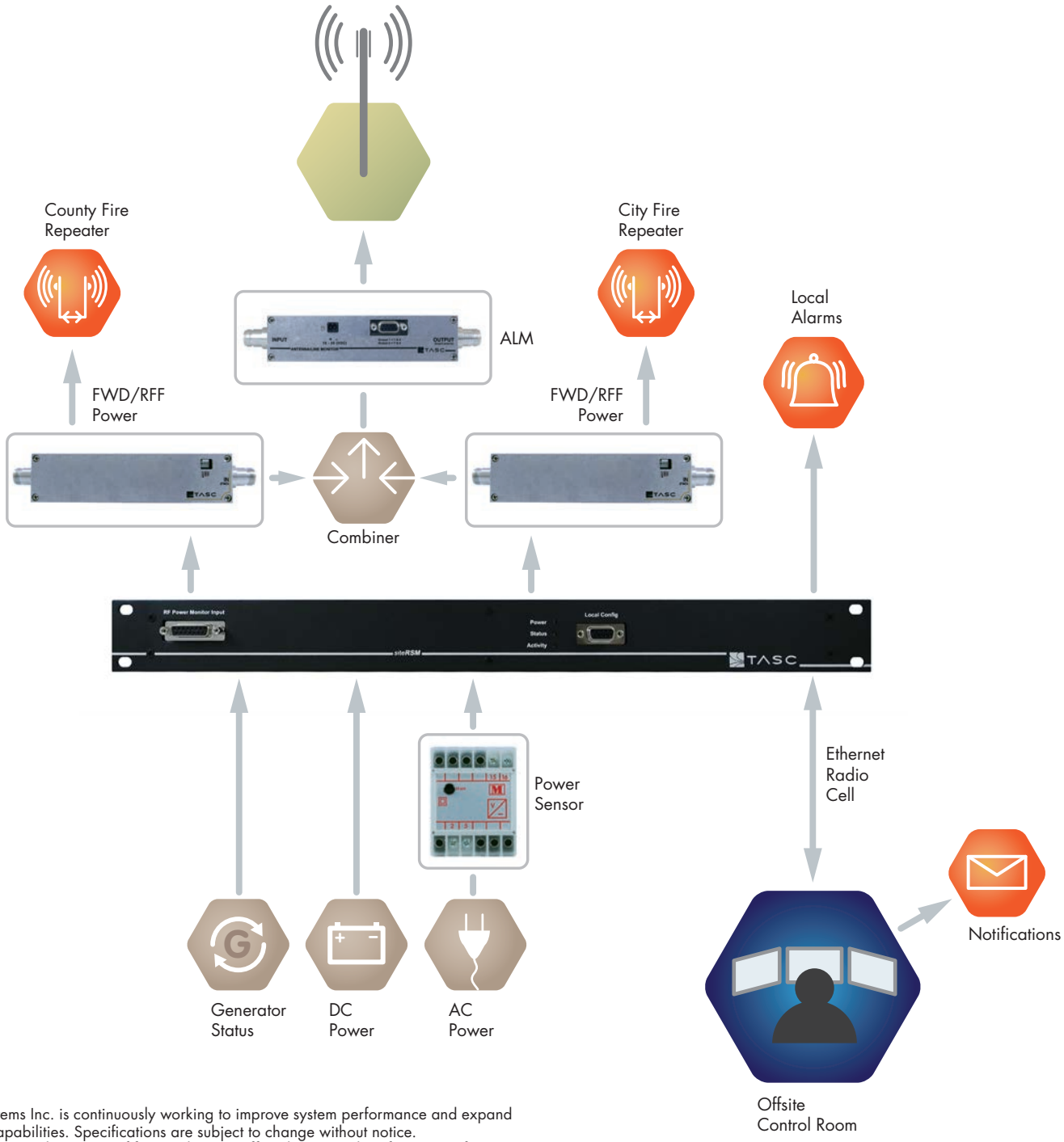

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