globalgig

ALARM LINE NETWORK
Reliable Transmission of Alarm Signals for POTS Replacement

Millions of fire and burglar monitoring devices operate on legacy analog telecom networks that are disappearing or are simply too expensive. In converting analog POTS lines (Plain Old Telephone Service) to digital, many service providers utilize VoIP technology via the public internet, which can introduce distortion and signal failure. This renders alarm devices unable to communicate with fire or burglar monitoring stations. Simply put, replacing a legacy analog line with VoIP technology without further consideration will not work for fire and burglar alarm lines.
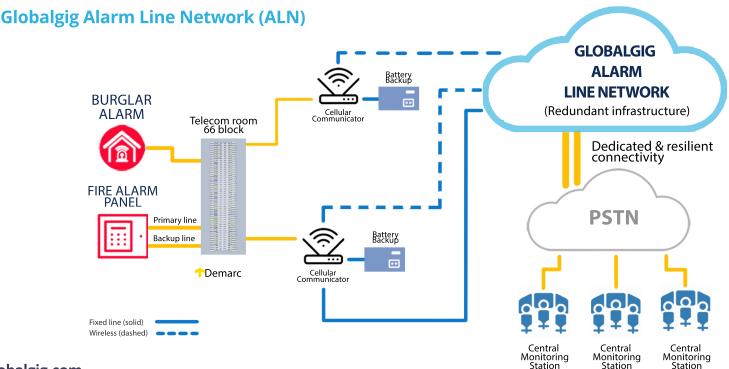
Globalgig's Alarm Line Network (ALN) enables these fire and burglar alarms to continue operating reliably by replacing the legacy POTS line with a simulated POTS line, one that ensures signaling reliability by controlling the configuration and format of the alarm signal itself.

How it works:

Globalgig's Alarm Line Network (ALN) is a dedicated private network- for alarm monitoring, one that delivers the connection quality to minimize signal distortion. Our ALN receives alarm signals from the fire panels via a cellular communicator, decodes and re-encodes them as IP compatible signals, and safely and securely delivers the signals to the central station or monitoring company. The ALN allows the central station signal to be recalibrated as a native signal, thereby eliminating these signal failures.

Along with the ALN, Globalgig also provides tools to monitor every signal. Utilizing the Central Monitoring Station hardware connected to Globalgig's ALN, each alarm call can reach the Central Monitoring Station reliably as the configuration and format of the alarm signal itself can be correctly terminated.

Globalgig's ALN is built with full georedundancy and is capable of decoding thousands of alarm signals simultaneously. The current network is handling over two million subscribers.

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