Cellular Failover for Critical Safety and Security Systems

Redundant Connectivity for Emergency, Video, and Access Control Systems

Enterprises across various public and private industries are utilizing a myriad of security and mass notification systems to keep their people and facilities safe and secure. Unfortunately, many of these systems have been configured to depend upon T1 hard-line connections to properly function — leaving their organization exposed should that connection fail.

The Challenge | Ensuring the Continuity of Critical Safety Infrastructure

Modern security and alerting systems are moving more and more towards wireless operation. While most ISP's also provide routers to their clients, these routers are consumer grade — making them generally incapable of supporting high band-width applications like high-definition video surveillance. Additionally, those routers are still entirely dependent on the stability of your organizations primary T1 hard-line connection. So whether your IP cameras, sirens, speakers, or access controls are wired or wireless, there's still a single point of failure that can bring your systems down.

Some organizations utilize two service providers — in case their primary throttles internet speeds or goes down, their systems can fall-back to their secondary provider. However, while this does add a layer of additional protection, things that can take out one ISP's connection, can take down the other. Downed or cut lines, backbone outages, equipment failures, and more can all take down both those connections at the same time. Organizations need a more reliable solution for redundant connectivity to ensure their critical systems never go off-line.

The Solution | 4G and 5G Cellular Connectivity for Business Continuity

Cellular adapters from RTO, like the Cradlepoint L950 (4G) and W1850 (5G), are specially designed to function as the ideal solution for enterprises that depend upon a reliable and unbroken connection to the internet to keep staff, guests, and critical facilities and assets safe and secure. These devices, and others, can be configured to operate on any cellular network of your choosing, and with dual-sim slots they provide a third fall-back option for communication system redundancy.

The Team | Device Provisioning, Activation and Installation Services

Our team will help you to select the ideal adapters, external antennas, and network providers to meet your clients' exacting needs. Factors like the number of connected devices, location of your clients facilities, nearness of local cell towers, and more will determine our final recommendations.

For over 17 years, RTO has provided expert connectivity solutions to organizations that service the communications needs of enterprises in need of top-of-the-line connectivity devices and platforms to manage video, access control, and mass notification systems. Contact us today for a consultation.

W1850 / L950   ISP Modem

External Antenna   Alerting Systems

Cellular Network   Security Systems

Secure Cloud   Access Controls

Central HQ   Back Office

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