Enhancing Fire and Burglar Alarm Communication with

POTS IN A BOX®

Network transformation reduces cost, provides enhanced functionality, and eliminates dependence on archaic copper networks.

INTRODUCTION

Effective communication systems play a pivotal role in fire and burglar alarm applications, serving as the lifeline during emergencies. Reliable and fast communication are critical in emergency situations.

CHALLENGE

Many organizations are faced with the retirement of traditional copper POTS (Plain Old Telephone Service) lines. As telecom carriers have been in a years-long process of phasing out this older technology, costs have been rising, sometimes to as high as $1,400 per month for a single phone line. In addition, telecom carriers are decreasing the service of copper infrastructure, and have been discontinuing certain products as they retire their copper networks.

SOLUTION

DataRemote's POTS IN A BOX is an IP and cellular appliance designed to seamlessly substitute traditional PSTN POTS lines complying with the standards of NFPA 72. The CDS Series of equipment is recognized by UL (Underwriters Laboratory) as an M.F.V.N (Managed Facilities Voice Network) and is a physical, facilities-based network that interacts on the network side of the DEMARC.

BENEFITS

- Nationwide Coverage
- Cost Savings
- Cellular and Battery Backup
- Network Visibility, Control, Management & Reporting

Regulatory Considerations

- UL-60950-1 Prescriptive Standard
- AT&T, Verizon, T-Mobile, FCC, PTCRB
- Conforms to ANSI and IEEE C2-2012
- UL 62368-1 Performance or Hazard Based Standard
- NFPA 70-2014, 72-2013, 75-2013 compliant
- 933 Test compliant for E-911 verification