

AReS™

Analog
Replacement
Solutions

ANALOG REPLACEMENT SOLUTIONS

AReS™ is a next-generation, fully managed POTS line replacement solution purpose-built with carrier-grade, code-compliant equipment to deliver future-proof connectivity services for mission-critical applications.

Many mission-critical applications rely on dated analog POTS connectivity. With recent FCC deregulation, support is sunsetting, SLAs are being eliminated, and costs are skyrocketing.

- ✓ Rates have gone up as much as 10X to support analog connectivity
- ✓ Fully managed all-inclusive solution includes hardware, software, VoIP license, data plan, lifetime support, and lifetime warranty.
- ✓ Optional *Bring Your Own VoIP License* available.

COMPATIBLE APPLICATIONS



Fire Alarm



Elevator



Voice



Backup



Fax



SCADA



Security
Alarm



Vending
Machine



Modem



ATM



Point of
Sale



Meter
Reading



Access
Control



Panic
Button

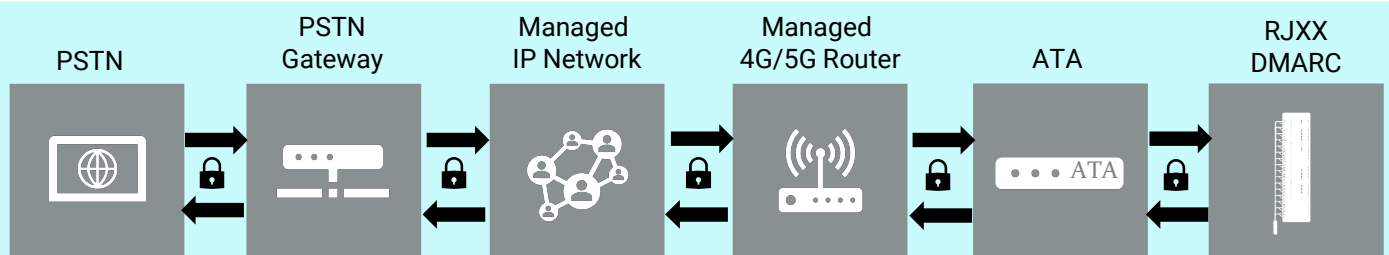


Paging



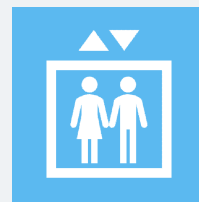
Call Box

PRIVATE SECURED END-TO-END CONNECTION



Analog Replacement Solutions

- Guaranteed Compatibility with Legacy Systems
- More reliable than traditional copper POTS lines
- Multi-WAN Connectivity (Cellular, Broadband, Wi-Fi)
- Business connectivity during network outages



- Permitted under the National Fire Protection Association (NFPA) 72 as a Managed Facilities Voice Network (MFVN), NFPA 72 Code Compliant
- Meets or exceeds national state and local building and fire codes

- Nationwide professional installation team
- PCI Compliant for payment, POS, and other financial transactions
- Approved for Life Safety
- HIPPA Compliant



- Dedicated support and project management teams
- Acceptance testing for every location deployment
- 24x7x365 powered NOC with monitoring and alerts
- Remote Firmware Updates
- Break/Fix with Emergency Replacement

- Fault tolerant geographically redundant data centers
- The best SLAs in the industry
- Online status and management portal
- Real-time monitoring & alerts
- Lifetime Warranty

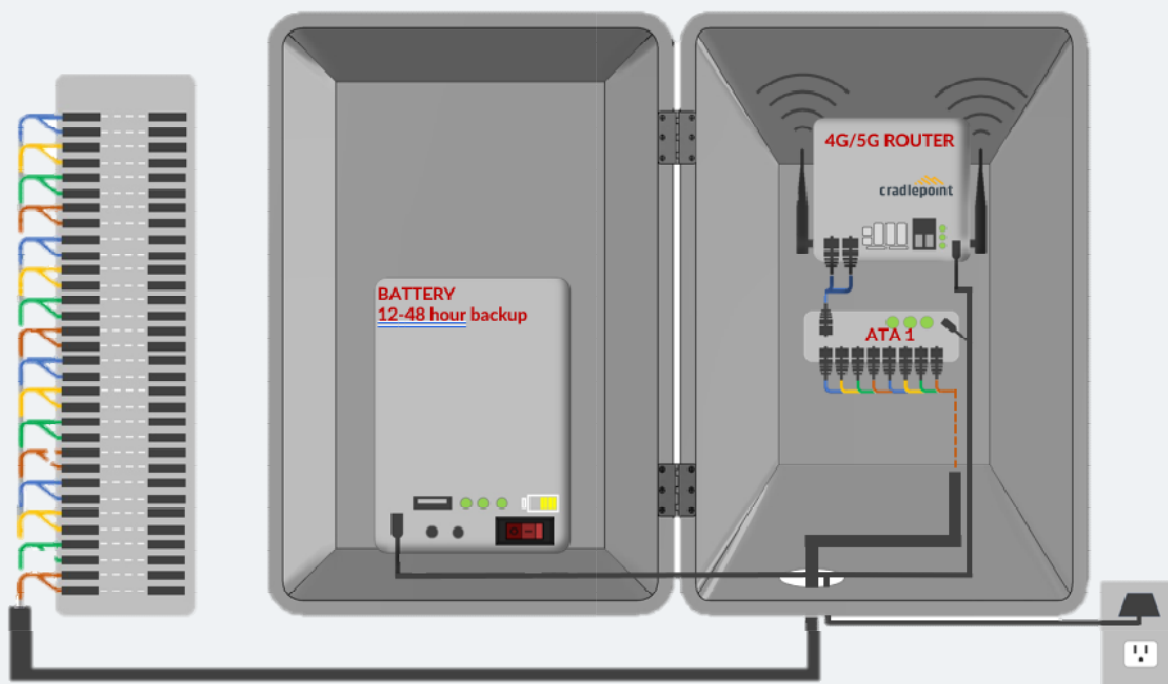


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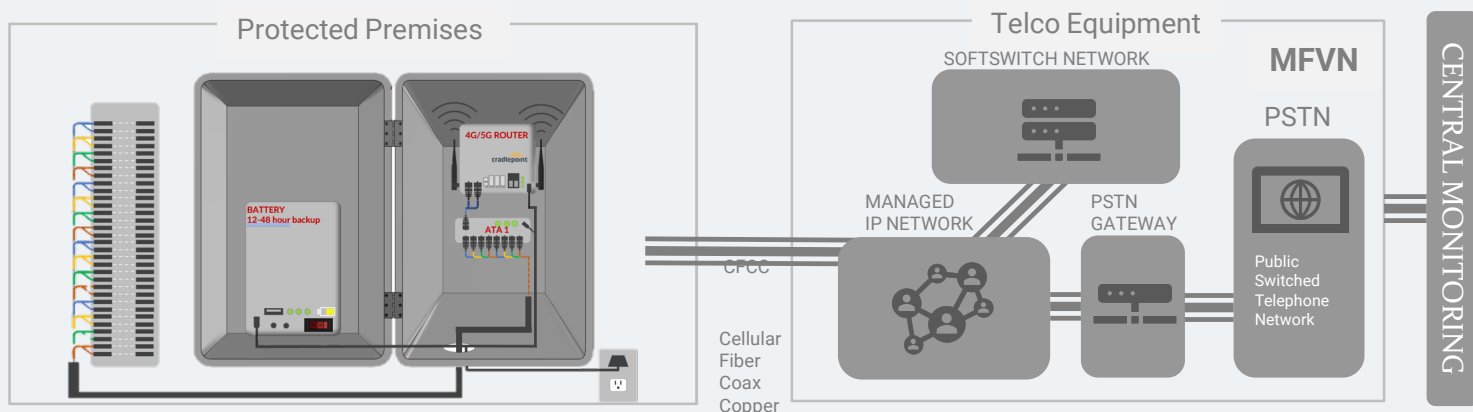
EQUIPMENT MODEL AReS SINGLE ATA

Next-Generation Enterprise Managed POTS Lines



FPA 72 Model for MFVN Compliance, 1-8 RJ-11 Ports

Enclosure: NEMA Telco Enclosure | 11"L x 7"W x 7"H
Router: Cradlepoint
ATA: 2-4-8 Port | Supports 1-8 RJ-11 Ports
Battery: Mini UPS | 10.4 Ah | Uninterrupted Power Supply | Up to 48 Hours of Back Up Power
RJ21X: 66 Block, Code Compliant DMARC for POTS Line Delivery | 10"L x 3"W x 7"H



Technical Specifications

Physical

- Dimensions: 11"L x 7"W x 7"H
- Weight: 7.7 lbs.
- Mounting: Wall Mounted (4 screws for Enclosure, two screws for Telco Block)
- Enclosure: NEMA Telco Enclosure

Power

- AC Input: 120 VAC
- AC Frequency: 60 Hz
- AC Current: 1A
- UPS Battery:
 - Capacity: 11.1V/10.4Ah (115.44Wh)
 - Input: DC5521: 12.6V/2A
 - Output: 4 x DC5521: 9-12.6)V/6A Max.
 - Output: 1 x DC5521: 9V/2A Max.
 - Output: 2 x USB: 5V/2A Max.

Router Options

- Cradlepoint Enterprise Class
 - IBR200 Series
 - IBR600 Series
 - IBR900 Series
 - E100 Series
 - E300 Series
 - CBA850 Series
 - W1850 Series 5G

Interfaces

- POTS Ports
 - RJ21X
 - Direct Punch down to 66 Block
 - Up to 8 RJ11 Ports

Security and Encryption

- Firewall
- End-to-PSTN Encryption
- Proprietary Signaling Protocol
- VLAN Capable

Environmental

- Operating Temperature: -20C to 70C (-4F to 185F)
- Operating Humidity: 5% to 95%

Regulatory and Compliance Approvals

- Permitted under NFPA 72 (National Fire Protection Association)
- Managed Facilities Voice Network (MFVN)
- Approved for Fire/Life Safety applications, including elevators and alarm systems
- HIPPA Compliant
- Tested and extensively accepted by leading fire and burglar panel manufactures
- PCI Compliant
- RoHS
- UL 60950-1, UL 62368-1, and UL 2054 listings

Included Accessories

- North American power cord
- Wall mount screw pack
- 66-Block and bracket
- Installation Guide

Country of Origin & Warranty

- Assembled in the USA
- Lifetime Warranty

Authorized to Sell, Install and Maintain the Ares product from Mach Networks.



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