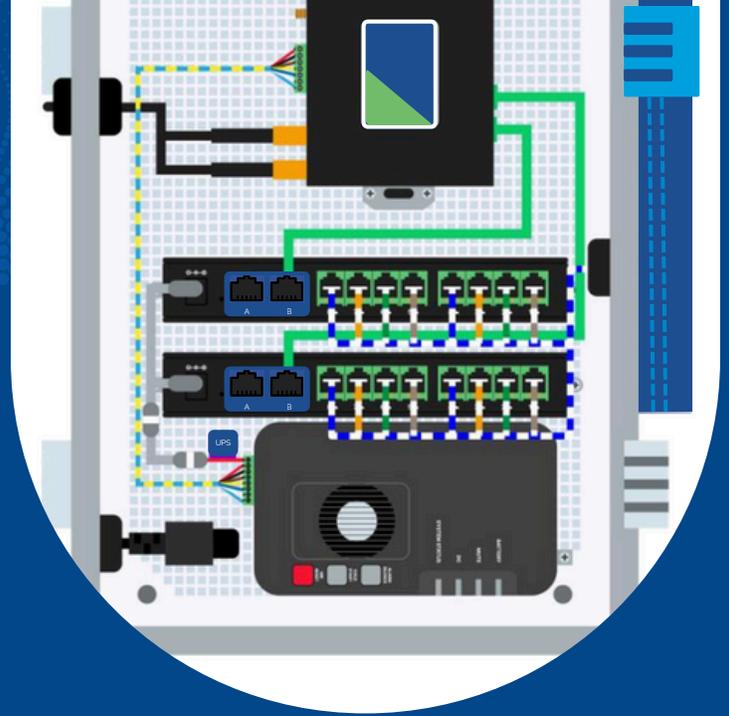




POTS Replacement Solution

CLEARSPAN IS THE LEADING COMMUNICATIONS SERVICE PROVIDER SPECIALIZING IN POTS REPLACEMENT FOR MULTI-LOCATION ENTERPRISES.



Easy PRS

Providing implementation design and 24/7 maintenance and alerting, EasyPRS delivers fully-managed service solutions for data and voice, including alarm, life-safety, elevator, modem, and facsimile lines as well as device management. EasyPRS is also fully integrated with Clearspan's UCaaS solution to ensure voice communications continuity for any traditional voice-enabled POTS endpoints. Organizations gain peace of mind with EasyPRS which offers fully-compliant NFPA 72 POTS-replacement solutions using 4G LTE as well as wired Ethernet technologies.

Application

Clearspan's EasyPRS POTS replacement services solve all the business and life-safety challenges created by the ongoing decommissioning of traditional carriers' copper networks. Instead of treating POTS replacement as a one-off hardware switch, Clearspan future-proofs businesses and accelerates network transformation.

Enterprise customers choose Clearspan more than any other partner to ensure business continuity for many applications including:



Fire



Alarm



Voice



Elevator



Point of Sale



Panic Button



Fax



Modem



Building Entry



Meter Reading



SCADA



Fall Detection



Blue Light

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Features

EasyPRS offers a revolutionary approach to solving the POTS problem by harnessing the power of cutting edge software and sophisticated analytics. With a solution that delivers value beyond its simple installation, EasyPRS utilizes 24x7 system performance measuring to keep our customers' communications infrastructure optimized and reliable. These solutions eliminate the dependence on traditional landlines, while minimizing outages of critical infrastructure such as fire alarms, elevators, point of sale systems, security systems, and more. With user-controlled measurement and notification features, customers are empowered to make informed decisions in real time.

- Single Pane of Glass Cloud Monitoring of System KPI's
- Auto Fail-Over Dual-SIM, Multi-Carrier for Industry Leading Connectivity or Bring Your Own SIM
- Supports all major alarm reporting formats including Contact ID, SIA, 3+1, 4+2, and DMP Dialer for complete coverage across manufacturers
- Integration with Clearspan's OpEasy for seamless management and provisioning
- Up to 24 Hours of Battery Back-Up for Life Safety Critical Operations
- Available in 2, 4, 8, 12, and 16-port Configurations for Applications of All Sizes
- Automated Alert Notifications for System and Power Events
- Indoor and Outdoor, Directional and Omnidirectional Antennas for All Environments
- 66 Block or RJ11 Terminal Availability

Specifications

Analog	Includes a -48VDC loop start line interface, fax support up to 14.4 kbps, modem support up to 9600bps, 2 REN at 1km (standard), configurable termination impedance including 600 Ohm, ring voltage up to 148V, adaptive jitter buffers, G.168 echo cancellation up to 128ms, and G.711 u-law compression.
Cellular & Router	Includes 4G LTE CAT4, redundant dual SIMs in all devices, hot-standby link backup, an industrial-grade chassis, and cellular and wired Ethernet WAN/LAN connectivity.
Power	AC Power: Includes a voltage range of 100VAC at 50/60Hz, a maximum current of 3A, a maximum power of 36W, and a maximum thermal output of 120BTU/hour. DC Battery Power: Includes overvoltage and over-current protection, battery auto-charge, local alarming (audible/visual), lightning and surge protection, lithium-ion battery chemistry with a design life of 10-15 years, and typical runtime of 8 hours per battery.
Included Equipment	Includes an anti-corrosion industrial-grade junction box (16" length x 13" width x 8" height), a 66-block for analog termination, an indoor enterprise MIMO antenna with 15' cabling (outdoor antennas and extended cabling available), 14' power cable and UL standards compliance.

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Security Encryption

Includes Management - HTTPS, EPS-AKA for authentication and message integrity / confidentiality, and 128-bit AES/SNOW3G for cellular wireless transmission.

Environmental

Operating Temperature: 32-122F, Humidity: 10-90% non-condensing,
Elevation: 0 - 3,000 meters.



Contact Us

 5360 Legacy Drive, Plano, Texas 75024, US

 clearspancloud.com

 +1 (877) 314-5682