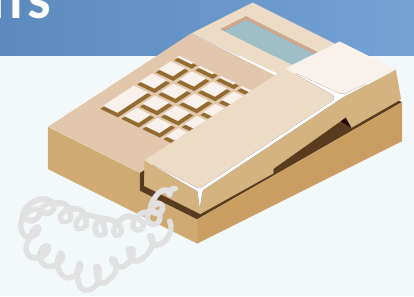# RTO | RealTime Ops

PLAIN OLD TELEPHONE SERVICE (POTS) REPLACEMENTS

Replacement Solutions for Legacy POTS Systems

Millions of agencies and organizations in both the public and private sectors have depended upon copper POTS lines as their primary point of connectivity with the outside world. Whether for telephone calls or internet access these lines have been the communications backbone of most industries for generations. While millions of customers have transitioned their telephones to VoIP services and internet to fiber lines, millions more are still utilizing legacy POTS lines.

Business Needs | Transitioning to Newer Communications Technologies

For those millions of government agencies and private businesses still utilizing POTS lines, the time has come for an upgrade. Recently, the FCC has mandated that major providers of copper POTS lines should sunset maintenance and support for devices and services that depend upon them beginning in August 2022. While there are many reasons for this, the primary issues are the high costs of laying new and maintaining existing lines. Costs that are higher in comparison to fiber and cellular-based alternatives. Additionally POTS lines lack remote management and monitoring systems, and new telecommunications companies generally avoid offering services that utilize POTS due to their high costs and general trend towards obsolescence.

Current Challenge | Identifying POTS-Based Services for Replacement

When organizations are posed with the task of replacing systems that depend upon POTS lines, they generally think about phones and faxes. While the majority of POTS users are correct, there are many other systems that utilize them throughout their facilities than they first realize. Most POS systems, emergency call boxes, and fire alarms utilize POTS lines to perform their set functions. Public safety beacons such as blue light towers on college campuses, bridges, and subways are back-hauled by copper POTS lines to get users under duress connected fast. Even the vast majority of elevators utilize these century-old communications systems.
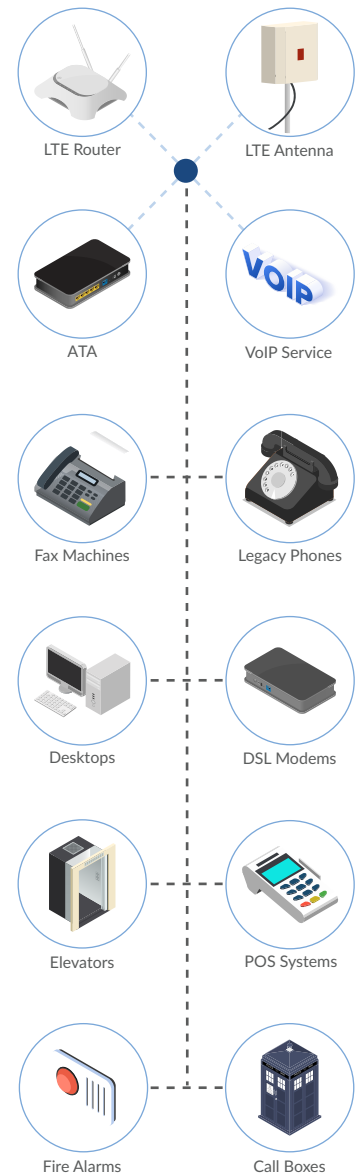
Solution Overview | Cellular Routers, VoIP Services, and ATA's

One solution is to completely replace all your existing hardware that utilizes POTS-based lines. Though as many can guess, this is the most expensive of options. New phones, call-boxes, fax machines, and other assets may be more than most budgets can absorb all at once. For those not looking for a complete replacement of their systems, we can provide a scalable, and highly economical alternative.

First, organizations need to obtain ATA's, or analog telephone adapters, of which our team can advise you on the best options. Second, you need to obtain a cloud-based VoIP phone service, and if managing multiple lines we also recommend an on-premise IP-based PBX system. And again, our team can assist you in choosing the best, or we can be your cellular service provider through our ExpressM2M™ data plans. And lastly, we can provide, provision, and install cellular router and antenna kits to connect with your new ATA's and phone services — allowing your organization to continue using all it's existing POTS systems and hardware.

Our Team | Solution Engineering, Installation, and Support

For over 15 years, RTO has provided expert solutions to businesses that service private and public agencies in need of secure and reliable communications. We provide top-tier support for all aspects of your clients' critical connectivity projects. Our techs and install teams assess your needs, engineer custom solutions, and install hardware and software to fit your requirements.

LTE Router
LTE Antenna
ATA
VoIP Service
Fax Machines
Legacy Phones
Desktops
DSL Modems
Elevators
POS Systems
Fire Alarms
Call Boxes

CONTACT RTO TO ENGINEER YOUR POTS REPLACEMENT SOLUTION TODAY

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