

Louisiana State Penitentiary

Enable-IT Provides Cost-Effective Prison Overhaul

Key Benefits

- Overcoming Extreme Distances – Enable-IT Ethernet Extenders (Enable-IT 860 Kit's) permitted the onsite IT team to expand their network across a massive 18,000 sq. acre prison campus.
- Cost Efficiency and Safety – Saved thousands of dollars over installing other kinds of solutions by using existing basic category rated Cat-5, Cat-6, and the Telco wiring they already had on hand.
- Security - Stronger network security by implementing a solution that drives data through underground cabling rather than wireless/over-the-air.
- Time Savings – Plug-and-play Enable-IT Ethernet Extenders made deployment very quick, and very easy.

A Challenge of Epic Proportions

At just over 18,000 square acres in size, the Louisiana State Penitentiary is the *largest* maximum security prison in the United States. For its IT staff, this has meant that, as the prison attempts to modernize and integrate the networks within its immense campus, it will constantly run up against the problem of Ethernet's distance limit (just 328 feet). For years, the prison turned to wireless bridges to overcome this problem, but, due to their overgrowth of applications and frequency saturation, they've since become an unviable solution. The prison's preliminary solution to the Ethernet distance limit had run short, so to say.

After some research, however, the prison's IT Support Supervisor had learned about the tremendous cost and time savings of using Enable-IT Ethernet Extenders to drive past Ethernet's distance limit using most forms of copper wiring and thought that the prison should give them a try.

A Prison Success Story, Many Times Over

After receiving their first Ethernet Extender kit, an Enable-IT 860 Ethernet Extender Kit, the IT support team was very pleased to find out that it worked simply as advertised. The first challenge was connecting two high-throughput networks together over 1,000 feet away. Wireless was not an option due to inherent insecurities, fiber was too expensive and intrusive, but they had existing telephone wiring conduit and plenty of category rated CAT-5e to make a run. Not only did the 4-port Enable-IT 860 Kit extend one network to another by plugging in

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and powering up, it did so without any headaches installing the gear. This is because the 100Mbps Enable-IT 860 Ethernet Extender Kit can actually reach as far as 1.13 MILES over a single pair of wire, with no bridging in between. Moreover, it's plug-and-play, so, aside from the installer's travel time from one end to another, it literally takes just minutes to set up!

It was official: The prison's IT Support staff had leveraged existing conduit and wiring to save the Penitentiary costs over the long-distance hydra involving planning, trenching and installation. This proven method is working to connect the vast, sporadic landscape of the country's largest prison quickly, easily, and affordably. Each new project requiring Ethernet at distance regardless of the type of use is now an easy choice for the IT staff and each installation has been a repeat success with the same ease of deployment.

"These things work great. They're super easy to use," said Mr. London - the IT Support Supervisor. "In fact, we've already installed them at distances ranging from 700 feet to over 1,000 feet, using category rated wiring, and our most recent installation used our already abundant Telco copper wiring. That's huge for us... and with a maximum security penitentiary that essentially encompasses four smaller prisons; we're looking forward to using Enable-IT's Ethernet Extenders whenever necessary."

The Professional, Responsible Choice

The decision to use *Made in the USA*, locally supported Enable-IT Ethernet Extenders hasn't only saved the State of Louisiana thousands of dollars in infrastructure and administration, but also saved the state thousands in the future, because, unlike other Ethernet extender manufacturers, Enable-IT's ultra-durable Ethernet extenders are *Made in the USA* and come with an industry-dominating 4-year warranty. We believe consumers deserve better than cheap foreign-made equipment that only come with a 90-day warranty. Educated customers that understand this basic value are proud and able to make the professional, responsible choice.

Products Used

- Enable-IT 860 - 100Mbps Full Duplex Ethernet Extender