



CASE STUDY

Digital Electricity® Enables First-Time NGA Broadband Access with New Remote DSLAM Cabinet Installation



Industry
Service Provider Networks



Solution
Digital Electricity + Telent's VoltServer service

Introduction

VoltServer's Digital Electricity solution allowed Telent to deploy a new DSLAM cabinet in a remote location, providing rural customers with access to next-generation access (NGA) broadband for the first time.

Project Overview

The Facility

This remote rural location lacked access to broadband due to its distance from existing infrastructure.



Installation and Training

Telent's engineers installed VoltServer transmitter and receiver units, utilizing existing infrastructure such as telecom ducts to minimize disruptions and costs. The touch-safe nature of VoltServer facilitated installation without the need for heavy armored cables.

Results and Future Expansion

Waiting for wayleaves to be granted significantly slowed down the ability to bring the new DSLAM cabinet into operation. VoltServer's Digital Electricity was run in the existing duct so that the new electrical connection could be established quickly without additional wayleaves.

Civil engineering disruptions were minimized, reducing stakeholder disruptions and the work involved with deploying the new power supply.

This solution gave the broadband service provider exactly what it needed, allowing it to bring its new piece of infrastructure into operation to better serve rural customers.

Conclusion

Through the innovative application of VoltServer's Digital Electricity technology, Telent successfully addressed the challenges of powering a new DSLAM cabinet in a remote rural area. This facilitated NGA broadband expansion and demonstrated the potential for future deployments and infrastructure enhancements in similar settings.

To learn more or schedule a demo, visit voltserver.com
or call **888-622-8658**.

