

HYDROPOWER

Securing substation communications with a easily deployable solution



SITUATION

A large hydropower company needed to strengthen security for substation assets and communications while reducing the costs and complexities associated with deployment and management. The company had existing Siemens Ruggedcom RX1500 switches and routers in place, therefore finding a solution that seamlessly integrated into the existing infrastructure remained a top priority.

CUSTOMER NEEDS

- Enable easier segmentation across corporate, SCADA, and control systems
- Simplify deployment and management of third-party access
- Integrate with Siemens Ruggedcom routers/switches
- Improve network flexibility and resiliency with cellular or radio connectivity options
- Reduce the complexity of implementing and managing remote substation cybersecurity

SOLUTION

Tempered Networks' Identity-Defined Networking (IDN) solution integrates with the Ruggedcom RX1500 via a Siemens Ruggedcom APE. The solution cloaks and protects substation assets and communications within a consolidated, hardened form factor. Operations staff can quickly set up and manage the solution without specialized IT skills, including the management of micro-segmented third-party access.

BENEFITS

- Simplified deployment of assets to remote locations
- Improved flexibility for network connectivity and failover with cellular or radio
- Easily managed, micro-segmented third-party access
- Less hardware to manage through consolidation with Ruggedcom routers/switches
- Reduced reliance on specialized IT and networking skills

[Contact us to learn more about how we can help your business and get a no obligation demo.](#)