

# POWER GENERATION

Secure, mobile connectivity for distributed, remote assets



## SITUATION

A regional power utility with a strong focus on clean energy sources, such as wind and solar, needed a simpler way to secure substation communications in remote, hard-to-reach areas. Relying on a very small IT team, the company wanted a solution that would work with its Siemens Ruggedcom routers and switches, without requiring advanced networking expertise to deploy it in the field.

## 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

With Tempered Networks' Identity-Defined Networking (IDN) solution, the utility's networking staff can preconfigure the solution and hand it off to technicians for drop-in deployment at the substation. The solution cloaks and protects assets while enabling full mobility to move assets across IP addresses. Cellular and radio network options provide flexibility for remote locations and failover scenarios. The solution is integrated with Siemens Ruggedcom and makes it easy to grant and revoke segmented, third-party access without specialized IT skills.

## BENEFITS

- Simplified deployment of assets to remote locations
- Reduced reliance on specialized IT and networking skills
- 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

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