

Teltone Corporation

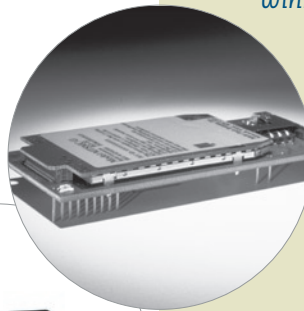
Secure Remote Modem Access to Critical Electric Utility Substation Assets

The most-discussed topic in the utility industry today is NERC and the new Cyber Security Standards. The North American Electric Reliability Council (NERC) sets industry standards and guidelines for electric utilities. NERC's mission is "to ensure that the bulk electric system in North America is reliable, adequate and secure." Compliance with NERC standards is becoming mandatory for all electric utilities in North America. Most utilities are trying to get up to speed on what these regulations will mean for their organization.

The recent security directives by NERC prompted Teltone to develop a secure version of their Substation Line Sharing Switch (SLSS) that was introduced in 1993 and has been a standard among power utilities for remote access to electrical substations. Teltone's Gauntlet gateway, along with Multi-Tech's SocketModem embedded modem, provides secure remote modem access to critical substation assets, with up-to-date support for the latest regulatory requirements.

Requirements for the new Gauntlet Gateway included providing an efficient way for remotely updating its security settings, retrieving its call logs, and updating its firmware in the future to enable ongoing standards compliance and protection from new attack threats. Most importantly, all existing SLSS units needed to be factory upgradeable to the new Gauntlet Gateway. All of these requirements were met with the incorporation of the SocketModem on a small daughter board that fits within the existing SLSS package.

Gauntlet gives public utilities a present-day solution that accommodates future security and regulatory audit requirements. "The Multi-Tech SocketModem helped us get the Gauntlet Gateway solution to market quickly," explains Ray Ma, Telephony Advisor for Teltone. "It's small form factor fit inside our existing product design, the industrial temperature range met the end product requirement, and its full regulatory compliance minimized our end product regulatory effort. These key factors, along with the SocketModem developer's kit, significantly shortened our product development cycle."



SocketModem

- Complete modem solution including the controller, data pump, and DAA
- Global compliance
- Universal socket connectivity
- Quick-to-market solution
- Serial or Parallel interface

Teltone Corporation designs, develops and markets industry award-

winning telephony solutions

for utilities, businesses,

government, and other

organizations. Teltone

currently offers three

major product lines

– telecom test platforms,

secure utility communications

solutions, and rapid notification

solutions. Teltone is headquartered in

Bothell, Washington.



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