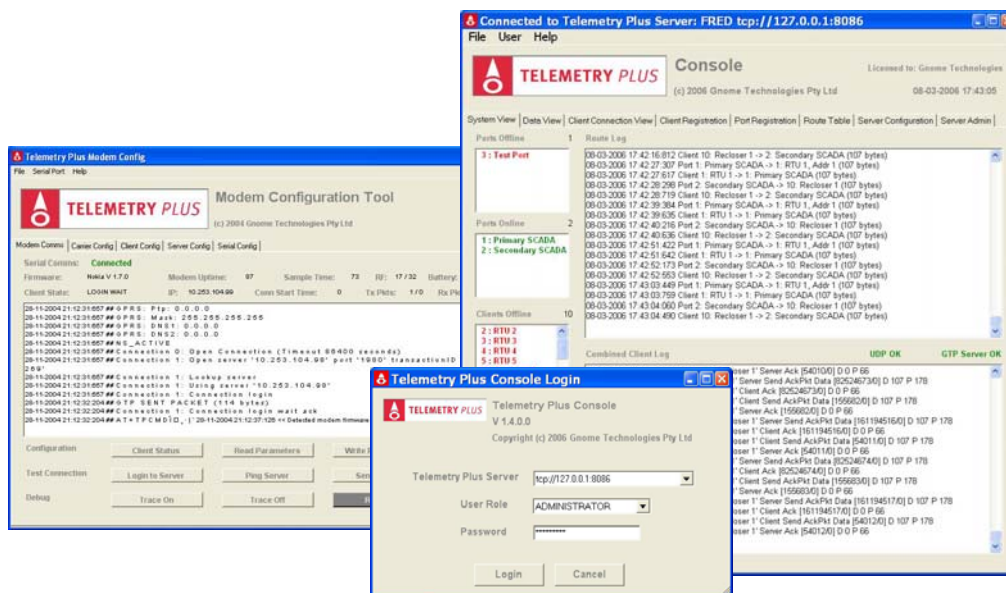




GPRS / 3G / NextG
Telemetry made easy!

Features

- Automatic GPRS / 3G / NextG session management
- End-to-end data encryption
- Serial or IP interfaces to multiple SCADA masters or application servers
- Application protocol routing: DNP3, Modbus, Kingfisher II, and others
- System management via remote console on corporate LAN
- Support for redundant servers and disaster recovery
- SQL database interface for communication management
- Remote client configuration over-the-air
- Easy to configure – setup in minutes



Overview

Telemetry Plus is a distributed software platform that enables telemetry via the mobile phone system. GPRS, 3G, and NextG are data enhancements of the mobile phone network that natively supports the internet protocol (IP).

Telecom carriers charge for GPRS, 3G, or NextG usage based on the amount of data transferred rather than a flag fall and the duration of the call. These technologies allow remote sites to be monitored in real-time at a very low monthly cost. **Telemetry Plus** allows SCADA and metering systems operators to easily and securely leverage the benefits of mobile data with existing serial-based infrastructure.

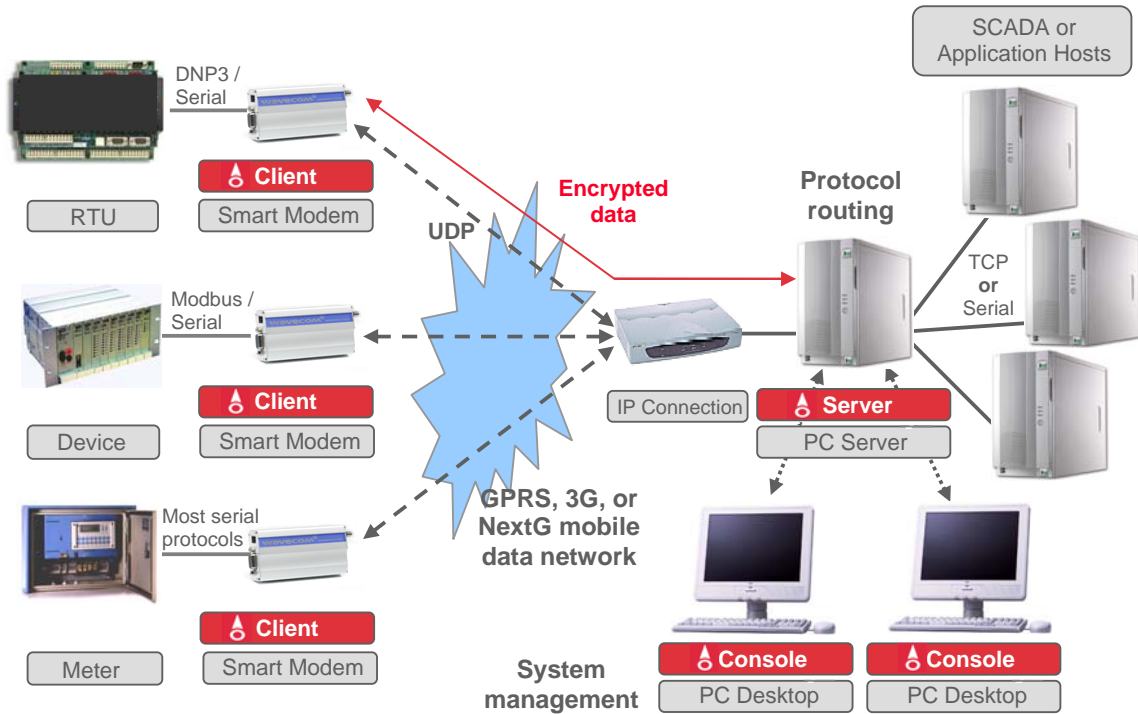
Telemetry Plus Client software embedded in a smart modem automatically manages mobile data sessions on behalf of a serial-based field device.

The field device exchanges standard protocols such as DNP3 or Modbus with **Telemetry Plus Server** software in the control room. The server seamlessly integrates with existing SCADA and acts as a gateway to the mobile data network as well as providing system diagnostics. Importantly, **Telemetry Plus** provides end-to-end virtual private network (VPN) encryption to ensure complete system security.





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System Architecture

Applications

- Utility metering
- Remote pump monitoring
- Gas pressure monitoring
- Reclosers
- Line fault indicators
- Cathodic protection

Benefits

- Lower capital cost than private radio
- Lower operating cost than GSM or CDMA
- Compatible with existing infrastructure
- Complete system security
- Support for multiple modem and field device vendors

Supported modems



Wavecom Xtend
(World)



Wavecom Fastrack
(Australia/Europe/Asia)



Intercel SAM
(Australia/Asia)



Multitech MultiModem
(North America)

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