

### *The Natis Secure Communications Platform provides secure communications to remote equipment*



NATIS UNIVERSAL COMMUNICATIONS HUB (UCH)

HARDWARE



NATIS SECURE COMMUNICATIONS GATEWAY (SCG)

SOFTWARE

#### **Natis Secure Communications Platform**

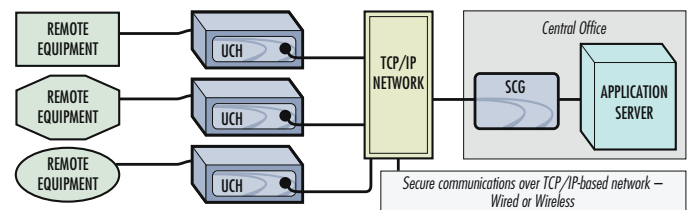
The Natis Secure Communications Platform (SCP) provides secure, scalable, reliable communications between the remote devices and application servers. It allows multiple communications networks to operate within the same environment, seamlessly integrating legacy and new equipment into one easy-to-manage system. Unlike other communications solutions, the Natis Secure Communications Platform utilizes existing TCP/IP infrastructure eliminating the need to build and maintain private communications infrastructure for implementation or expansion.

The Natis SCP can be used with a variety of communication providers and technologies; wired and wireless. Wired networks including dial-up, DSL and Cable networks provide convenient communications options where available. The growth of wireless LAN coverage in metropolitan areas offers an attractive alternative. Cellular data network service providers' ongoing expansion of digital coverage means cost effective communications to virtually any geographical area. Satellite communications or 900 MHz alternatives are available for the truly remote applications.

The Natis Secure Communications Platform consists of two components: the Natis Universal Communications Hub and the Natis Secure Communications Gateway.

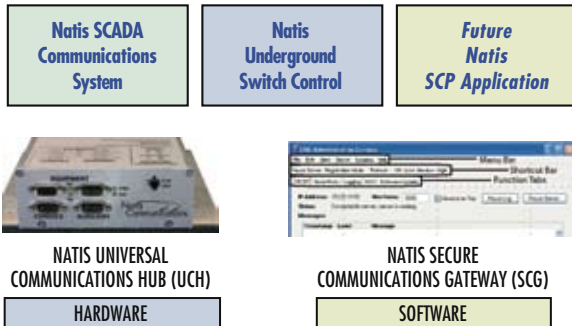
The Natis Universal Communications Hub (UCH) is the remote end of the communications platform that is connected to the remote equipment. Once connected, the UCH facilitates data connectivity between the remote equipment and the Secure Communications Gateway. The UCH is modular in nature, and can accept a combination of communications modules from several different networks, including cellular, satellite, and fiber. More than just a fixed function device, the UCH has a full processor plus additional memory, storage, and local communication ports which enables additional functionality. Applications can be developed to allow for remote equipment configuration, protocol conversion, additional data capture options, and many other capabilities.

The Natis Secure Communications Gateway (SCG) software is installed at the operation center. The SCG serves three primary roles: it manages the both the access security and encryption, it manages communications between the application server and the UCH, and it provides the local access to additional features and applications added to the UCH.



***The most cost-effective, secure, reliable remote communications solutions.***

*The Natis Secure Communications Platform provides expandability for future needs and requirements*



### Natis Secure Communications Platform

The SCP is a comprehensive platform with the flexibility to support additional functions and custom applications tailored to specific needs. By leveraging the platform, it is very simple to create new vertical applications and solutions that layer on top of the SCP. Two examples of vertical applications include the Natis SCADA Communications Solution and the Natis Underground Switch Control.

The flexibility of the SCP is evident with the introduction of the Natis Underground Switch Control (USC). The USC incorporates a Natis UCH into a submersible form factor enabling secure, remote, wireless communications with equipment located in underground vaults.

## SCP SECURE COMMUNICATIONS PLATFORM

### Features and Benefits

- End to end encrypted secure communication
- Reliably supports multiple applications
- Dual network coverage for back up
- Two-way communications
- Packet based IP communication protocols
- Plug and play capability
- Leverages proven communication networks
- Scalable communication signal aggregation
- Turn-key cellular and satellite data offerings
- Full compliance with cyber-security rules
- Efficient, easy to maintain operating profile
- Affords redundancy in most environments
- Full utilization of edge device capabilities
- Easy configuration and integration
- Flexible communication choice

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