

Remote Communications with HoltecConnect™

Overview

- **Mobility Solutions** - For when you need the ability to have a presence at the plant, regardless of your actual location.
- **Local or Cloud-based Connectivity** - Seamlessly connects your Nitrogen Gas Generator to remote monitoring or control sites.

Investments in plant and equipment ensure the success of businesses whether they are small local facilities or large multinational organizations. Regardless of the scope of the enterprise, equipment uptime is a key performance metric and a critical responsibility for site personnel.

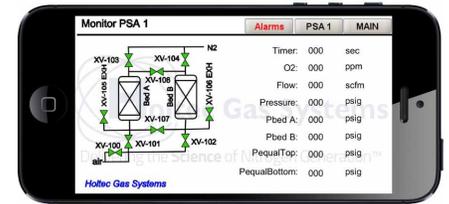
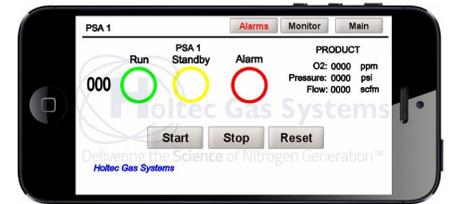
To optimize return on invested capital, process and maintenance engineers are increasingly tasked with insuring that complex equipment is working properly 24/7, often across multiple locations. HoltecConnect™ addresses this challenge by bringing the benefits of remote access to Holtec's advanced nitrogen generation equipment.

- **HoltecConnect™ is a highly secure communications gateway that enables nitrogen generator owners to receive alerts or monitor system performance remotely.**

Capabilities include:

- Email alerts and warnings
- Text messages directly to mobile phone or tablet (without the need for a cellular modem)
- Real-time display of nitrogen purity, pressure, and flow
- Nitrogen generator START/STOP functionality
- Change process parameters
- View/Graph system performance (real-time and historical)
- Remote diagnostics including display of valve operation

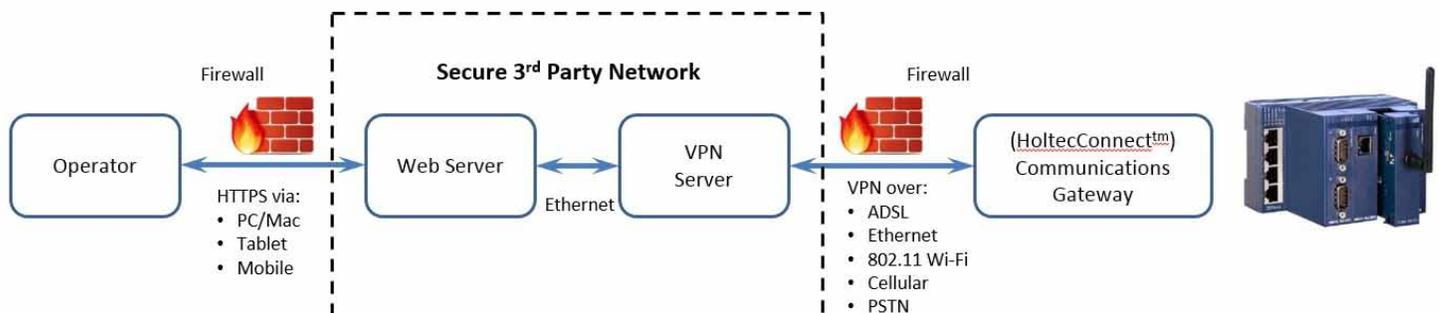
With HoltecConnect™, productivity is enhanced and life is made easier. With the ability to view real-time data on nitrogen purity, a text message alert received by a process engineer on his mobile phone can quickly be assessed, possibly eliminating the need for immediate action--no need to ruin dinner! Alternately, problem resolution may simply be a matter of reviewing a history of alerts and changing a parameter to modify the process; all remotely.



HoltecConnect™ mobile view on remote devices.

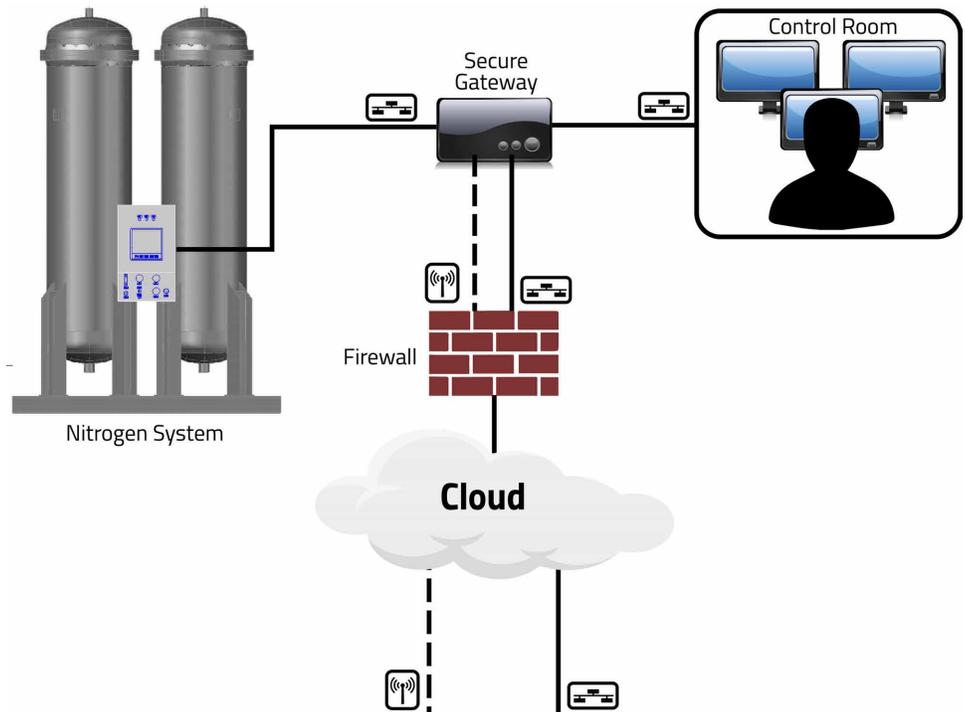
Top: Start/Stop, Product O₂ content
Middle: Valve status, cycle information
Bottom: Real-time purity trend graph

Whether the preferred connectivity is a mobility solution, control room, or a wired PC, HoltecConnect™ gathers data from the system PLC and communicates via a secure state-of-the-art gateway, compliant with virtually all IT corporate standards.



Remote Communications with HoltecConnect™

HoltecConnect™ Schematic

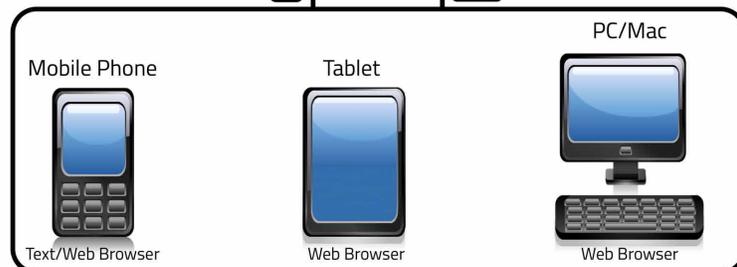


Who Benefits?

- Process Engineer
- Operations Manager
- Maintenance Personnel

Communications Specifications

The HoltecConnect™ is a modular industrial Machine-to-Machine (M2M) router designed for a flexible WAN, enabling the same product to address different internet connectivity technologies (Ethernet, 802.11 / Wi-Fi, 3G, etc.)



Remote Expert™ - On Demand

Want Extra Support?

With your authorization, HoltecConnect™ enables factory technical support to connect to your nitrogen generator.

With connectivity established, advanced services such as software and programming upgrades, and troubleshooting assistance can be delivered quickly and seamlessly. Additional sensors and trend graphs enable your Remote Expert™ to diagnose and suggest repairs as if he were on-site.



Benefits of Holtec's Remote Expert™ Service:

- Reduce expenses: no need for costly service calls, airfare, and travel expenses
- Faster diagnosis: problems resolved quickly over virtual connection also saves the expense of downtime in your production
- Reduce risk of downtime: most situations can be handled remotely. Parts shipped overnight if necessary
- Global response: fast response regardless of global location
- Access logistics: difficult to access locations, such as off-shore oil platforms, become easily accessed

