GE
Intelligent Platforms

QuickPanel+™
Operator Interface for
the Industrial Internet

Connect people and machines– smarter, faster and easier than ever before.

Enhanced productivity

Streamline your system and simplify development and maintenance by relying on one powerful device for your operator interface (OI) and control requirements. QuickPanel+ is an all-in-one device: an OI/HMI, a PLC/process controller, machine gateway, and a data historian. Featuring the latest touchscreen technology, it provides the high performance, connectivity and user experience expected in today's increasingly connected world. QuickPanel+ delivers precision, speed, and flexibility even in third-party environments.

The QuickPanel+ connects people and machines, delivering actionable data and insight to improve operations and boost productivity. QuickPanel+ interface runs on top of Windows® Embedded Compact 7 and offers a fully-functional HTML5 browser and multimedia support. Use QuickPanel+ to publish dynamic web reports and graphs for viewing from any device with intranet or Internet access. Quickly access training videos, technical documentation and other critical information via a secure network connection for a truly connected user experience.

Greater flexibility

Plug-and-play interoperability results in ease of use and implementation. Using serial and Ethernet connectivity, QuickPanel+ can be used with controllers and I/O from multiple vendors for swift and smooth integration even in complex systems. Enjoy the functionality of a PC– such as remote desktop, web browser, built-in peer networking and FTP and HTTP servers– without the IT headaches.

The QuickPanel+ is a high-performance controller with built-in HMI functions. It supports 5 IEC programming languages: relay ladder, sequential function chart, structured text, instruction list, and function block diagram. Configuration is easy– a common database reduces development time by eliminating the need to re-enter tag names, and an extensive library of preconfigured animation objects is provided. It's even possible to select multi-language support when the system is online.

Enhanced user experience

Today's engineers and operators expect the latest functionality– on the floor and in the field. QuickPanel+ incorporates the latest display and multi-touch technology to provide an exceptional user experience. The capacitive, multi-touch screen is built to last in an industrial environment, yet is as sensitive as a smartphone or tablet.

The wide-screen, high-resolution display provides vivid, clear images and enhanced process visualization. Viewing system-wide details– even on a 7" display– is easy with the new multi-touch capabilities. Double-tap or pinch to view your interface at up to 400% and then tap twice to return to the original size*. Just swipe to navigate between interactive schematics. Accessing information and visualizing processes has never been easier.

* Pinch zoom not supported on 6" QuickPanel+

Connecting machines, data and people on the Industrial Internet requires high-performance computing technology that is rugged, flexible and upgradable. To help businesses compete in today's connected business environment, GE has designed a simplified automation architecture that helps OEMs design machines and plants that increase value and decrease complexity, and redefines the way that operators interact with that equipment.

The QuickPanel+ integrates process control, view, and an option to run an embedded data historian machine for improved real-time control of operations and better integration into plant-wide systems. QuickPanel+ takes machine interfaces into the Internet age for new levels of productivity, insight, flexibility, and user experience.

Simple by design

Whether you're a systems level engineer or an entry level operator, QuickPanel+ makes it simple to interact with data from connected machines without IT support. QuickPanel+ provides the functionality of a PC, but boots up in seconds. A multi-touch, capacitive touch-screen means it's easy to navigate system-wide data.

15"

12"

10"

7"

6"

QuickPanel+ provides increased flexibility with a range of sizes to meet your application's requirements.

Features

- **Control capability with GE and third-party I/O**
- **Plug and play connectivity**
- **Designed for easy installation and configuration by automation engineers**
- **Fully integrated view, control and data historian**
- **Multi-touch for optimum responsiveness**
- **Vivid images for more complete process visualization**
- **Fully functional web browser with multimedia capability**
- **Email and text alerts based on user-defined settings**
- **Custom, web-enabled reports and graphs**
- **Remote diagnostics and security**
- **Powerful scripting options**
- **Object-based programming functionality**
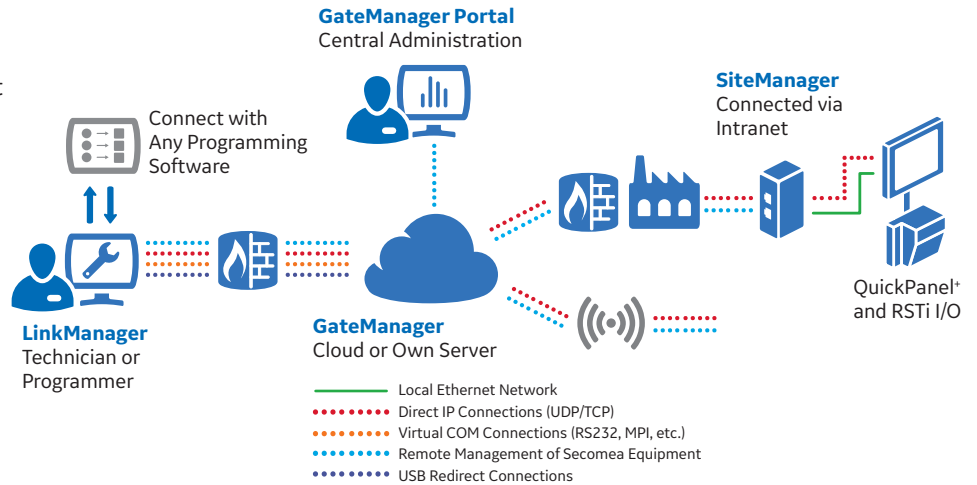- **Compatibility with third-party components**

Remote Programming with QuickPanel+

Simplify maintenance with QuickPanel+

The QuickPanel+ simplifies VPN management with SiteManager networking technology, making it easy to access user accounts through a single point of access.
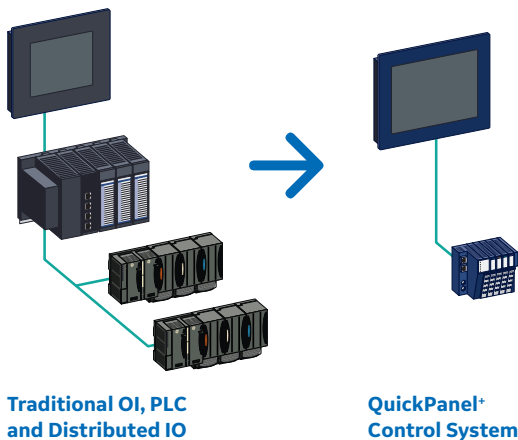
- Gain uninterrupted access to controller and other remote devices over the Internet or private networks.
- Configure and maintain hundreds of devices at any location by name with just one set of login credentials.
- Setting up SiteManager is fast and easy via a single screen on the QuickPanel+.

GateManager Portal
Central Administration

Connect with Any Programming Software

SiteManager
Connected via Intranet

LinkManager
Technician or Programmer

GateManager
Cloud or Own Server

QuickPanel+ and RSTi I/O

——— Local Ethernet Network
••••••• Direct IP Connections (UDP/TCP)
••••••• Virtual COM Connections (RS232, MPI, etc.)
••••••• Remote Management of Secomea Equipment
••••••• USB Redirect Connections

Simplification

QuickPanel+ as a control solution

QuickPanel+ can be used as a compact controller combining the features and capabilities of a typical programmable logic controller (PLC) with an operator interface. The result– a simple, cost-effective, all-in-one control solution.

Traditional OI, PLC and Distributed IO

QuickPanel+ Control System

Power Input

RJ-45 (10/100BASE-T)

2x Type A USB

1x RS232 Terminal Block

Mic In

Line Out

Mini Type B USB

SD/SDHC Memory

Imagination at work

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