



FactoryTalk® Optix™

The new collaborative
cloud-based platform for HMI and
Edge Computing applications

The FactoryTalk® Optix™ portfolio combines...

Cloud based software

A modern software platform that enables you
to create innovative designs and scale with
seamless access to physically remote locations

+

Hardware options

Flexible deployment options, including dedicated
panel and industrial PCs, to support a wide range
of applications



Why FactoryTalk Optix?

Design Options

Web-based design & test
Multi-user collaboration
Integrated version management
Dynamically built projects

Deployment Options

Panel • Station • Web Clients
Supports Windows and Linux
Flexible host hardware
Pay only for what you use

Graphics Options

Responsive graphics
Multi-language
Style sheets
Reporting and dashboarding

Extensible Options

Library management
3rd party drivers
IOT native connectivity
Comprehensive OPC UA support

FactoryTalk Optix Software

An Open, Scalable, HMI Visualization Platform with Options

Improving Processes, Efficiency and Deliverables



FactoryTalk Optix can help improve your process, efficiency and deliverables - in one easy-to-access tool. Take advantage of new levels of collaboration, scalability and interoperability to achieve your HMI vision.

New SaaS-enabled workflows will enable your team to collaborate any time, from anywhere, thanks to built-in change tracking and versioning that automatically keeps track of who did what and when.



FT-Optix Panel Graphic Terminals



What makes our new graphic terminals stand out? OptixPanel™ graphic terminals give you a PC-like user experience in a sealed HMI appliance. There is no operating system to secure and smaller applications can benefit from the superior price-performance ratio. These graphic terminals are also available in a wide range of screen sizes, bezel options, aspect ratios and touch screen technologies that support gestures, such as swipe and pinch, for easier integration on your factory floor.

Streamline your Operations

Use FactoryTalk Optix software with the OptixPanel graphic terminal for a complete system



Scalability

Develop your HMI without being tied to specific display hardware. The system senses the screen size of the target system and adjusts automatically.



Modularity

License and deploy only the functionality that you want for your specific application. Purchase expansions as required to expand the system as your needs change.



Extensibility

C# scripting and the FactoryTalk Optix API provide access to any object in a project, so you can build highly customized applications or even automatically create projects via scripting, during design and at runtime.

Access your OptixPanel HMI system from anywhere with FactoryTalk® Remote Access™ software

Secure

Provides secure management, with capabilities to update and maintain projects and troubleshoot and configure devices remotely, including inviting users to collaborate via FactoryTalk® Hub™

Transparent

OptixPanel Standard graphic terminals function as a remote gateway, providing FactoryTalk Remote Access to controllers and other products on the remote subnetwork

PRODUCT CONFIGURATIONS



OptixPanel Standard Graphic Terminal

- Available from 7" to 21.5" screen size
- Includes various bezel options, aspect ratios and touch screen technologies
 - Aluminum widescreen or 4:3 with single touch analog resistive screen
 - Aluminum True Flat 4:3 with single touch analog resistive screen
 - Aluminum and glass widescreen with PCAP multitouch screen
 - Stainless-steel IP69K widescreen with single touch analog resistive screen
 - Screen support for gestures (swipe, pinch, and so on) in the multitouch variants
- Supports various connectivity options
 - Two USB 3.0 ports
 - Two Gigabit Ethernet ports
 - Ability to operate independently on two networks
 - Ability to enable FactoryTalk Remote Access connectivity to devices on the local subnetwork
 - One DB9 serial port (RS232/422/485) isolated
- Runs FactoryTalk Remote Access Pro
- Runs FactoryTalk Optix with 11 feature tokens, upgradeable to 15
- Includes FactoryTalk® Optix™ Runtime Medium license (11 feature tokens), upgradeable to Large (15 feature tokens)
- Includes FactoryTalk® Remote Access™ Runtime Pro license



OptixPanel Compact Graphic Terminal

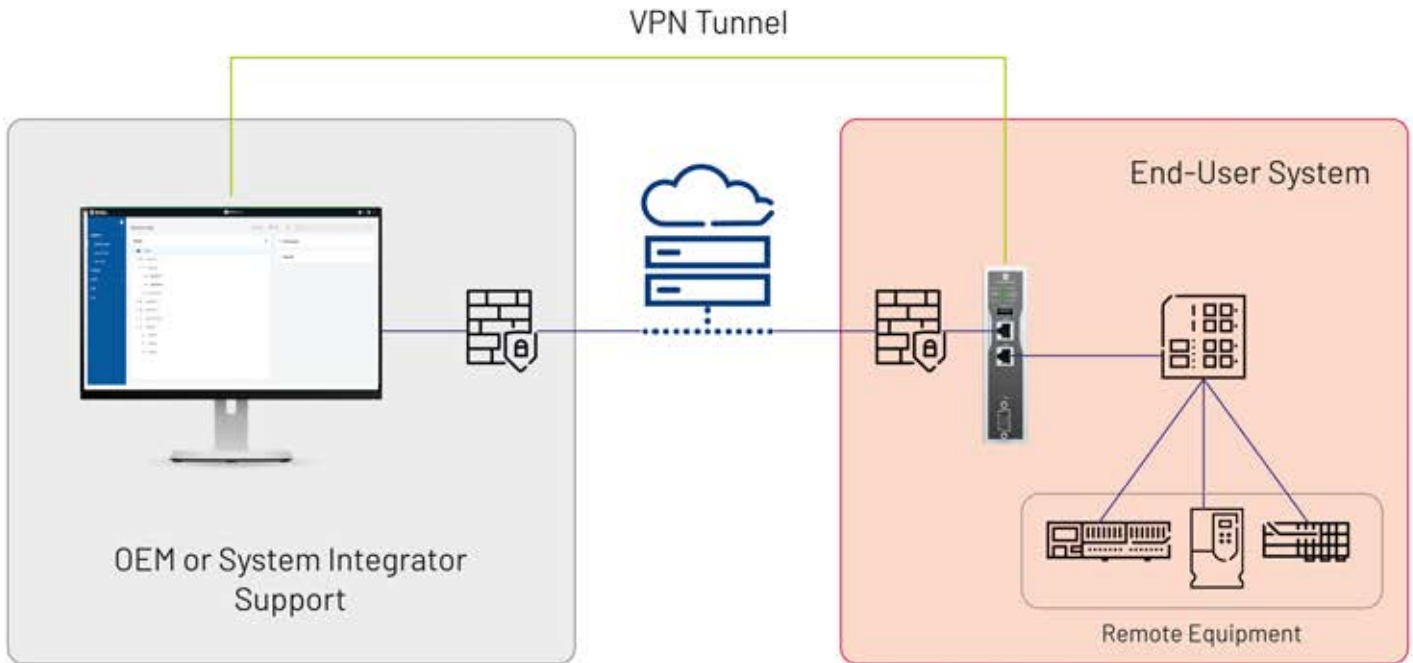
- Available in 4" and 7" screen sizes making some applications easier
- Includes various bezel options and touch screen technologies
 - Aluminum Widescreen with single touch analog resistive screen
 - Aluminum and glass widescreen with PCAP multitouch screen
 - Screen support for gestures (swipe, pinch, and so on) in the multitouch variants
- Supports various connectivity options
 - One USB 2.0 port
 - One Gigabit Ethernet port
 - One DB9 serial port (RS232/422/485) non-isolated
- Runs FactoryTalk Remote Access Basic
- Runs FactoryTalk Optix with 8 feature tokens, upgradeable to 11
- Includes FactoryTalk® Optix™ Runtime Small license (8 feature tokens), upgradeable to Medium (11 feature tokens)
- Includes FactoryTalk® Remote Access™ Runtime Basic license, upgradeable to Pro license

FactoryTalk Remote Access Solutions

Imagine being able to respond to customer needs faster and rapidly resolve production issues. With the FactoryTalk® Remote Access™ solution, you don't have to travel to manage, configure, and initiate secure connections to customer's equipment.

Discover a faster way to deliver great support, from anywhere.

Use Case: Remote Maintenance and Troubleshooting



Discover How Remote Access Solutions Impact You



Improve Response Time

Remotely access and support customer equipment in a moment's notice! When customers call, you can get connected quickly - no matter where you are.



Reduce Costs

With remote access, you don't need costly travel time and expenses to help. Customers will appreciate this - and so will your bank account.



Maximize Productivity

When you can service customer equipment on-demand, you're poised to fast-track fixes, reduce downtime and maximize productivity.



Transparent

Protecting your work is serious business. From multi-factor authentication and encrypted protocols to local access control and more, you can make security a priority.

ASEM 6300 Industrial PC

ASEM™ 6300 Industrial PCs are available in box and panel form and allow for greater customization compared to the OptixPanel™ graphic terminals. Innovate with FactoryTalk® Optix™ software and seamlessly deploy your HMI solution to the ASEM™ 6300 device that best fits customer needs.



6300P Stainless Steel Panel PC



6300P Low Profile Panel PC (Back)



6300P Low Profile Panel PC (Front)



Features and Benefits

- Available in display sizes from 12.1" to 24"
- Resolutions include FHD / SXGA / XGA / WXGA
- Available in both Standard and Low Profile bezels
- Aluminum and glass bezel units support various resolutions, including full high definition displays
- Low Profile units are available with the following bezel variants:
 - Aluminum
 - Aluminum Glass True Flat
 - Stainless steel widescreen IP69K (analog resistive) with replaceable blue food grade gasket
- Analog resistive and projected capacitive (for multitouch operation)
- Four Ethernet 10/100/1000 Mbps ports
- Supports "Jumbo Frame" and "Wake on LAN" network standards
- Available with Microsoft Windows 10 IoT Enterprise 2019 LTSC
- Variations available with long distance support for up to two additional displays

ONE STOP SOLUTION FOR INDUSTRIAL PRODUCTS AND SERVICES



MULTI ISTA

Corporate Office

SUDHA CENTRE
New No.31, Old No.19, 1st Floor
Dr. Radha Krishnan Salai, Mylapore
Chennai, Tamil Nadu - 600 004
T: +91 44 4003 0401

customercare@multivistaglobal.com
+91 44 42030400

servicecare@multivistaglobal.com
+91 44 40030400

www.multivistaglobal.com

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