Network Connect for Automation

Reduce Unplanned Downtime and Improve Network Security

"On time, every time" is a motto every plant floor manager strives to achieve since unplanned downtime on the production line can cost companies thousands of dollars per minute. They can occur for a multitude of reasons including human error, hardware breakdown or software failure. Eliminating even one point of failure on the production line can make the entire process more efficient. Secure and reliable. Zebra's Network Connect solutions do just that and begin with industrial scanners and printers.

Scanners and printers play an integral role in manufacturing so ensuring there are no hurdles between those devices and the programmable logic controller (PLC) is critical. With the introduction of Network Connect, Zebra has streamlined the connection between devices and the PLC by completely eliminating the need for converter boxes. This solution eliminates vulnerability points, improves security and reduces complexity.

Eradicate Network Security Exposures

Scanners play an essential role in quality assurance and traceability, tracking products every step of the way. Eliminating third-party converter boxes and related equipment from the system removes another point of vulnerability on the network. When scanners are connected directly to the PLC it creates a more secure data capture environment.

Eliminate a Point of Failure

By completely removing the need for an EtherNet/IP converter, Zebra's Link-OS printers, FX9600 Fixed RFID Readers and 3600 Series scanners can now connect directly to the PLC system. Eliminating unnecessary networking equipment from the setup reduces the risk of unplanned downtime due to process failure.

Reduce Complexity

Network Connect accommodates popular Industrial Ethernet Protocols so programmers don't have to spend time making complex protocol conversion systems work. Seamlessly integrate Network Connect with a proprietary PLC and instantly remove the errors that can occur with an extra layer of third-party equipment on an industrial network.
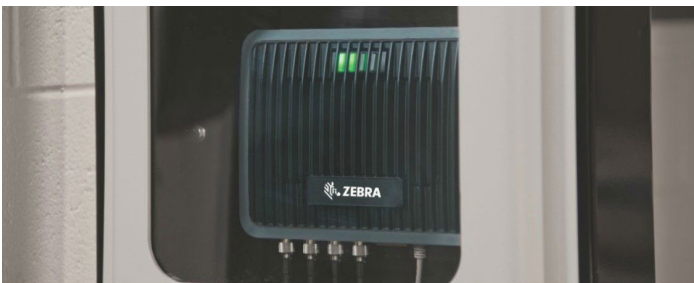
3600 Series Ultra-Rugged Scanners

The 3600 Series of corded and cordless scanners are a new class of handheld devices built to deliver unstoppable performance under any working conditions. With Zebra scanners you can expect:

• Models that deliver superior scanning performance on virtually any barcode in practically any condition.

• Ultra-rugged design for unprecedented durability in ultra-challenging environments.

• Complimentary industry-best manageability tools that take the complexity out of end-to-end scanner management.

• Easy connection to PLC networks for all 3600 Series scanners.

Scanners For Every Production Line Need:

Advanced 1D barcode capture

Standard range scanning of 1D and 2D barcodes

High-performance models that captures 1D and 2D barcodes over longer distances and supports Optical Character Recognition (OCR), photos and documents

Capture Direct Part Marks (DPM) and high-density 1D and 2D barcodes

All-range 1D and 2D barcode capture distances near to far

FX9600 Fixed UHF RFID Reader

Turn tag reads into actions such as determining which shipping line a pallet or case should be routed to, segregating defective parts or products, or reading a tag ID to confirm that every machining program uses the right tool.

• Direct connection to PLCs without requiring a converter box

• A reduction in the time it takes for the PLC developer to integrate an FX9600

• Easy, low-cost deployment with support for PoE and PoE+

• Host embedded applications so data can be parsed directly on the reader

FX9600 Fixed UHF RFID Features:

Support for Power over Ethernet, IP53 sealing and up to eight antenna ports

Improve routing information and increase inventory accuracy

Streamlined cabling and port layout for simplified deployment and management

Wi-Fi/Bluetooth dongle for direct connectivity to Wi-Fi networks and Bluetooth-enabled devices

Link-OS Printers

Engineered for years of performance in the toughest environments, Zebra's Link-OS printers* are extremely durable and designed to grow with users' evolving business needs. Network Connect for printers, enabled by a special version of the printer firmware, provides:

- Direct connection to PLCs without requiring a converter box.

- An Electronic Data Sheet (EDS) file for Ethernet/IP and the config data for conformance testing of specific device types.

- Add-on profiles specific to EtherNet/IP and Logix Studio 5000 make programming easier, eliminating the need to write extensive code to handle frequent tasks.

- A reduction in the time it takes for the PLC developer to integrate the Link-OS printer.

Link-OS Capable Printer Features:

A free label design application to simplify label design

On board memory for print template, font and graphics storage

Enhanced capabilities to monitor, manage and maintain your printer through Link-OS applications

Ease of use features including color touch points, clear and easy to use media and ribbon loading paths

Printer web pages, with real time status information and on-demand web-based help videos

*Silverline printers are not supported.

To learn more about Zebra Network Connect, visit www.zebra.com/NetworkConnect

ZEBRA

NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
+1 786 245 3934
la.contactme@zebra.com