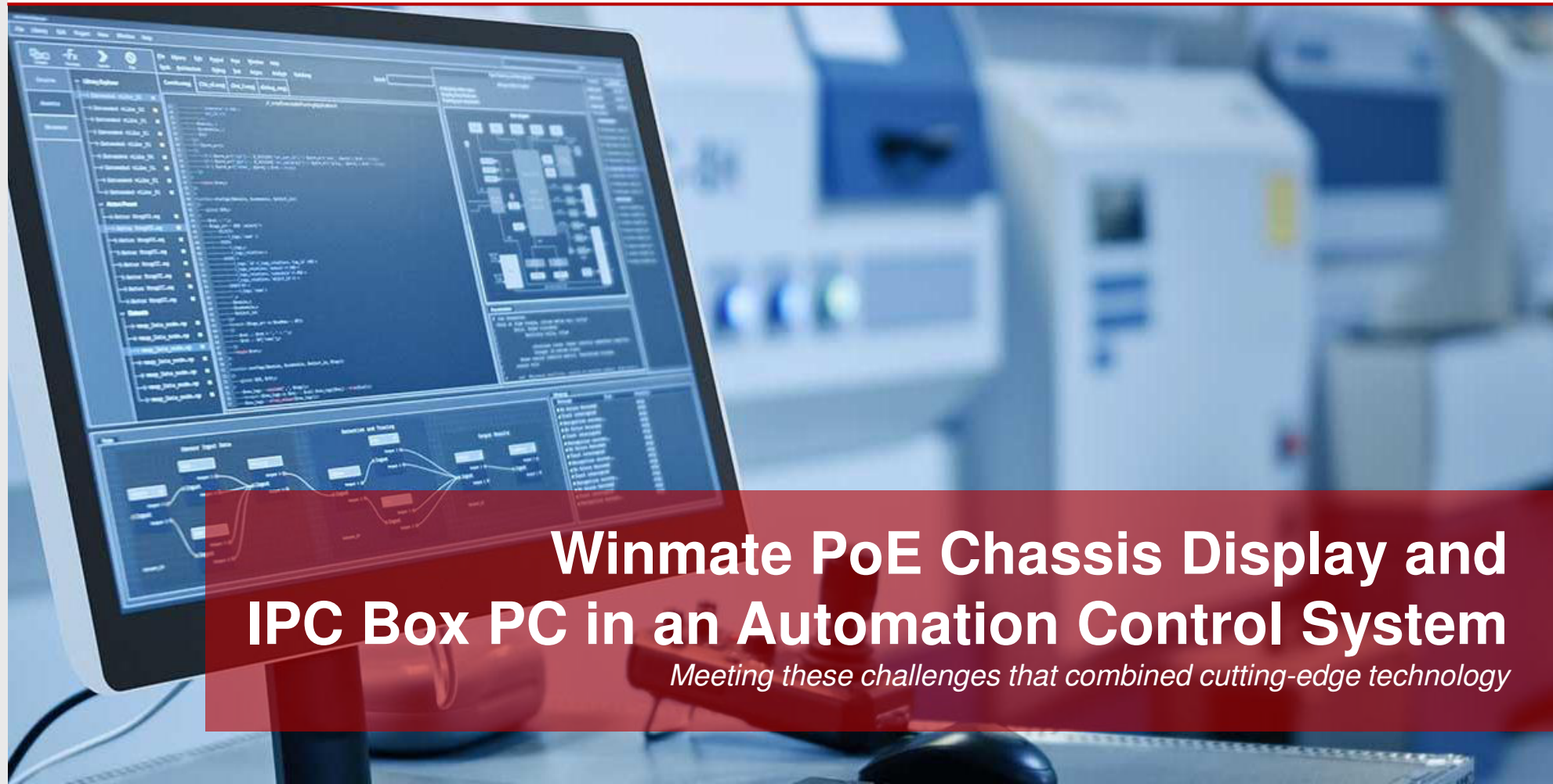




Success Stories



Winmate PoE Chassis Display and IPC Box PC in an Automation Control System

Meeting these challenges that combined cutting-edge technology

Background

A leading provider of automation solutions faced increasing challenges from clients with progressively complex requirements. They needed a comprehensive solution capable of both data display and processing to elevate the monitoring and operational efficiency of their automation systems. After thorough market evaluation, they chose Winmate's PoE Chassis Display and IPC Box PC.

Core Products

- [W15L100-PTA3-POE](#) - 15.6" PoE Chassis Display
- [IE32SB3-101-6L](#) - Intel® Celeron® N6211 M Series Box PC

Main Challenges

The client aimed to enhance the monitoring and operational efficiency of their automation systems. This involved finding a solution that not only displayed data effectively but also contributed to improving the overall efficiency of the automation processes. With diverse application scenarios, the client required a flexible solution that could easily integrate into different environments. The need for versatility was crucial to address the varied requirements of their clients.

To reduce the complexity of the system's infrastructure, the client sought a solution that would simplify wiring. This was particularly important in the context of efficient networking and communication within the automation control system.

The client wanted to stay at the forefront of technological advancements. The inclusion of optional features, such as support for HDMI or CVBS input through a capture card, allowed the system to evolve and adapt to emerging technological trends.

Why Winmate

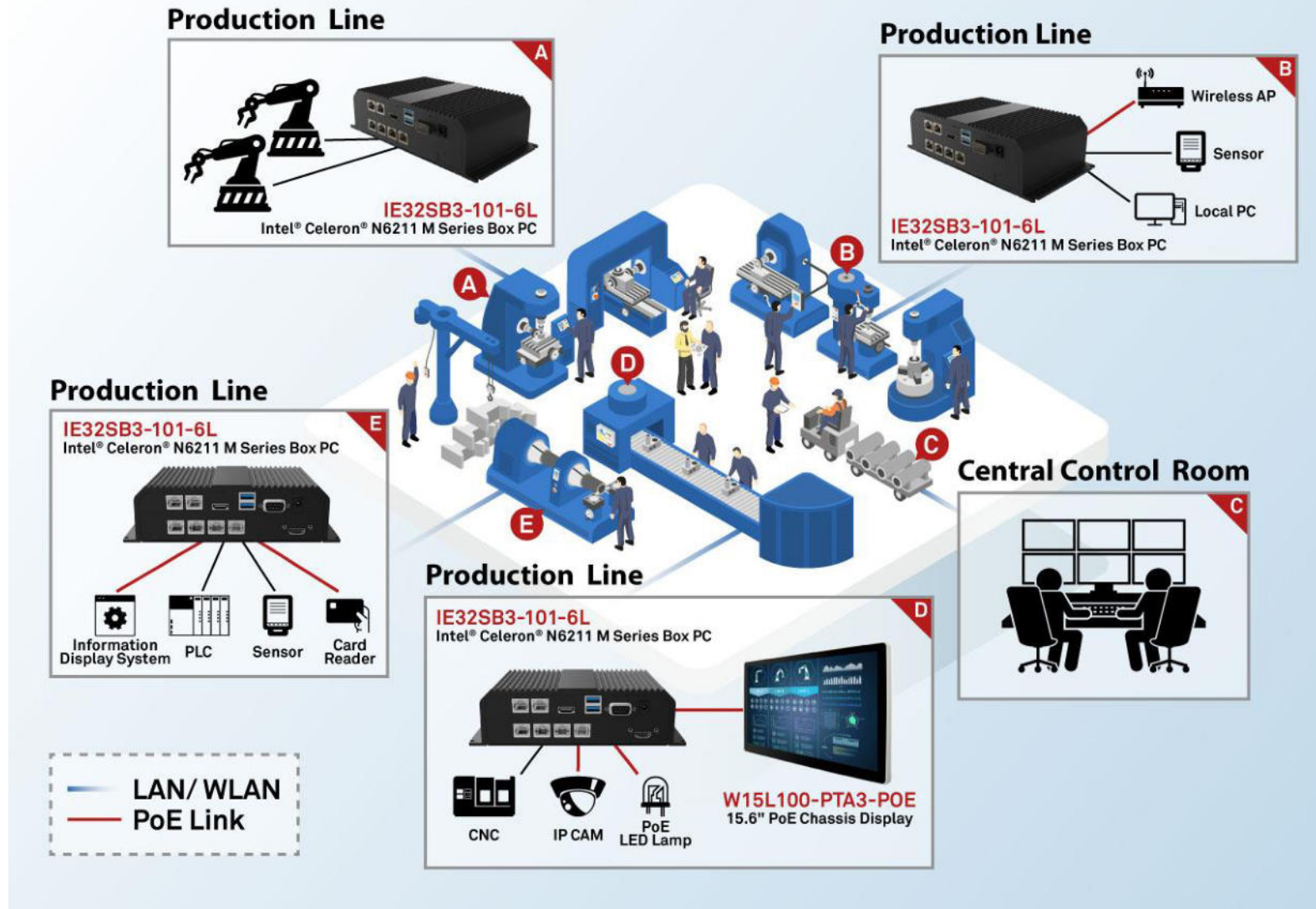
The Winmate PoE Chassis Display boasts a 15.6-inch high-resolution screen, utilizing Power over Ethernet (PoE) technology for simultaneous data and power transmission. This design minimizes wiring complexities, creating a more streamlined system. Simultaneously, the IPC Box PC offers efficient data processing capabilities, supporting 2 x USB 3.2 Gen 2x1, 6 x Giga LAN, and incorporating a fanless cooling system to ensure the system executes various complex automation tasks quickly and reliably.

The IPC Box PC also provides an optional capture card supporting HDMI input or CVBS input, expanding the system's functionality. This allows customers to flexibly address diverse application scenarios, providing more choices and customization options.

The successful integration of Winmate PoE Chassis Display and IPC Box PC, featuring support for 2 x USB 3.2 Gen 2x1, 6 x Giga LAN, a fanless cooling system, and an optional capture card, provides customers with outstanding performance and tremendous flexibility in automation applications. This success story not only affirms the quality of Winmate's products but also underscores their ongoing commitment to innovation and excellence in the field of automation.

Application Diagram

PoE Chassis Display and IPC Box PC in an Automation Control System



Related Products



Winmate **W15L100-PTA3-POE**

- 15.6" PoE Chassis Display
- 1920 x 1080 Resolution
- VGA input and HDMI input
- Stylish and elegant design
- Supports PoE
- Front IP65



Winmate **IE32SB3-101-6L**

- Intel® Celeron® Elkhart Lake N6211 Processor
- 1 x DDR4 SO-DIMM 3200 MHz, max. 16GB
- 2 x Gigabit Ethernet
- Supports 2 x USB 3.2 Gen 2x1, Max. 3 x COM
- Elegant and slim mechanical design
- Fanless cooling system
- Optional Capture Card for HDMI input or CVBS input