

POS over Ethernet

Project

Implementing New POS software to the Chain Store

In a big chain store, getting Point-of-Sale (POS) equipment to work cohesively together can be a real challenge. With each device requiring a dedicated point-to-point connection, installation can be expensive, and devices can be difficult to maintain and costly to service.

Requirements

Their current software is run on various operating systems from Win98 to XP. They even still have a few customers running their DOS software. With all of these variations, they wanted a solution that would fulfill their needs across the board in order to add simplicity to their support.

SUNIX device servers allow you to attach all of your POS devices to a common network connection. Device networking overcomes the limitations of serial connections, enabling POS devices to share information across the network without a dedicated server, providing greater scalability, significant cost savings, and more effective customer service.



The Challenge

The company's challenge was to try to take RS-232 registers and make them IP-ready to allow their customers LAN and WAN polling options. To find a solution they traveled to SUNIX partner.

Solution

"When we arrived, the support specialist verified that he understood our needs and had already prepared a list of different scenarios we were going to try," explained Avilla. "We together did a lot of testing. We even spoke directly with the product engineer at SUNIX about the underlying functionality of the device. At the end of the day, we had a reliable working solution, and had formed a real partnership with SUNIX."

Why SUNIX

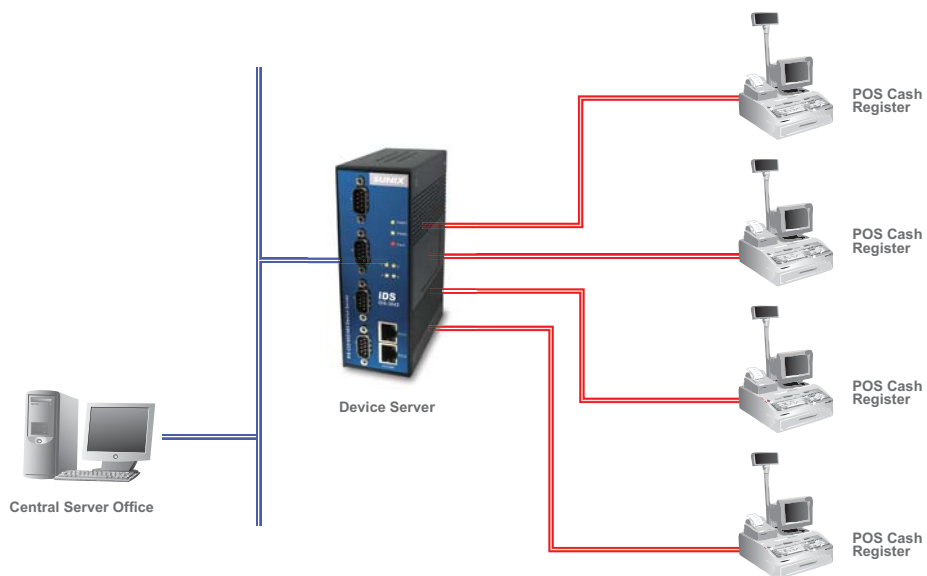
- **Extended serial communication solutions range.**
- **Higher reliability with Ethernet redundancy.**
- **Reliability with collision free transmission.**

The SUNIX device server provides the powerful ability to IP-enable serial devices allowing more options for data acquisition, device management, and industrial control. It includes a processor, operating system, TCP/IP stack, Web server and a network connection to provide a complete serial-to-Ethernet bridge. Using the embedded Internet protocols and a connection to an IP network, it encapsulates the serial data into packets and sends and receives it over an Internet or Intranet connection.

Comments

"We originally choose SUNIX because they were the only ones we could find that worked with all the various cash register protocols we support", said Avilla, Project Manager. We also knew of the quality and the enhanced functionality. In particular we have made extensive use of the remote programming capability."

Application Topology



Key Products

IDS-3042