

Industrial Automation OEM

Technologies Used

- VxWorks OS
- C/C++
- Motorola & ST Microprocessors
- EtherNet/IP
- SNTP
- SNMP
- Modbus TCP
- SMTP
- RSTP



Business Challenge

A large industrial automation OEM made the decision to update their flagship products, which included their communication adapters. The OEM knew this was not going to be an easy task, so they engaged in a strategy to partner with a vendor whose core competency was product development. The newly-developed products needed to support the latest Ethernet protocols and provide repetitive, fault-tolerant, self-configuring functionality for their control systems.

Solution

After a complete vendor selection process, the OEM chose to partner with Pyramid Solutions because of our extensive EtherNet/IP development experience and cutting-edge protocol stacks. They saw us as a means to get their flagship products delivered to the market faster and with the functionality they envisioned.

Their desire was for us to become a functional part of their multi-national development project in a virtual agile team environment – and we did just that. We created a virtual team that provided the OEM with Pyramid Solutions IP integrated into custom software that was critical for the product functionality. Our Network Connectivity Team delivered software that met the OEM's demanding requirements and schedule, with most of the work performed at our facility and key testing phases performed jointly at the OEM location.