

Machine Servo Upgrades

Company Profile

A leading technology solutions company and printed circuit board manufacturer. With a focus on advanced PCBs, backplanes, high-frequency radio and microwave components and assemblies.

Challenge

One of the customer's production lines is highly dependent on a lot of specific aging machines, built around obsolete controls. Originally one of the world's most popular and advanced PLCs, the GE 9030 is now obsolete, and the 9030 inside each one of these machines could greatly benefit from an upgrade.

Solution

Thanks to the great migration plan available through Emerson. Moving from a 9030 to Rx3i is incredibly easy and often requires zero or minimal changes to logic. In this case, the customer also needed to upgrade the obsolete motion control so we decided to move them to a full PacSystems servo motion solution.

Results

With a customer investment of about \$100k up front, and \$25 per machine after that. We were able to not only upgrade their obsolete equipment but essentially redesign the entire machine with modern advanced controls, while still maintaining the basic root functionality of the machine.

