

# Case Study

## Electroplating & Chemical Bathing Production Line Controls

### Company Profile

Medium sized precision reel to reel plating manufacturer for automotive, aerospace, computer, and telecommunication.

### Challenge

Customer contacted Rawson/Industrial Controls requesting immediate assistance after their legacy GE QuickPanel backlight had died bringing down their production line. Rawson/Industrial Controls in-house engineers visited the customer the following day to evaluate the issue and discovered that the HMI would need to be replaced. The program was unrecoverable, requiring it to be reverse engineered.

### Solution

The Rawson/Industrial Controls engineering team aided the customer in installing the HMI, redeveloping the HMI program, annotating the customer's PLC program, as well as testing and verifying that the production line conformed to operating specifications, all within 5 days.

### Results

By bringing the customer back online and limiting downtime so they could still fulfill order obligations, this led the customer to further utilize Rawson/Industrial Controls' engineering resources to upgrade their remaining GE/Emerson equipment to state-of-the-art hardware and software.

