

# Modernizing Water Usage Tracking in Automotive Manufacturing

## Engineering & Commissioning:

Cross provided more than just hardware; we provided the technical bridge between the new meters and the plant's infrastructure.

- *Pre-Installation Training:* While the units were on order, Cross conducted onsite training with the facility's installation crew to ensure they were comfortable with transducer mounting and menu navigation.
- *System Verification:* Cross joined the crew for the first day of installation to verify the first two units, ensuring signal strength and data accuracy before the plant completed the remaining eight.
- *Technical Troubleshooting:* Cross identified and resolved minor configuration issues during commissioning—such as conflicting IP addresses—ensuring the Modbus registers mapped correctly to the SCADA system.

## The Result:

The facility now has 10 high-accuracy nodes tracking water flow in gallons per hour (GPH) and gallons per minute (GPM). This data allows the Facilities Engineer to:

- *Monitor Total Consumption:* Track monthly usage across the entire plant.
- *Departmental Accountability:* Accurately attribute water costs to specific manufacturing departments (stamping, welding, etc.).

By partnering with Cross to move away from obsolete technology, the plant has secured its water data for the next generation of manufacturing. If your facility is facing equipment obsolescence or struggling to integrate legacy flow data into modern SCADA dashboards, contact Cross Process Solutions today to discuss our non-invasive measurement and integration strategies.