

Project Profile

Automotive Industry

Industrial Automated Systems effectively completed a Programmable Logic Controller (PLC) upgrade/migration for a diesel engine producer. The endeavor involved transitioning from the outdated Allen Bradley PLC 5 to the Rockwell Automation ControlLogix platform. The seven outdated PLC systems controlled the Cylinder Head Subassembly Line.

Our engineers specified the new ControlLogix hardware and converted the seven (7) PLC programs, optimizing them and adding program comments to facilitate effective and efficient troubleshooting. Additionally, we established new networking between controllers and created the Prosoft module communication code to interface with the existing Proface HMIs.

To ensure a smooth startup, our affiliated company, Triune Electric, handled the installation of the new hardware. Rigorous testing was conducted prior to the startup and commissioning phase. Effective project management ensured the project was completed within the scheduled timeframe and budget. The provision of comprehensive documentation marked the successful conclusion of the project.



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