



**APPLICATION:**

Multi axis 840Dsl machining system for the powertrain industry. Full PLC, NC, and Safety Integrated integration with custom screen development, data entry, operator prompting and safety acceptance certificate. System also incorporated a error proofing vision system and two Fanuc M10iA robots.

**Automation System:**

Siemens 840Dsl  
Siemens ET200S I/O  
Siemens Sinumerik TCU20  
Siemens HT2 Hand Held Pendant

**Motion Control & Drives:**

Siemens 840Dsl NC processor  
Sinamics G120 Variable Frequency Drives

**Other:**

Marposs Gage unit  
Cognex Vision System  
Fanuc M10iA mechanical units  
Fanuc RJ3iB robot controller

**Communication:**

Profibus  
Profinet  
Ethernet

**SERVICES:**

Electrical design  
Pneumatic design  
Lubrication design  
Coolant design  
Software design  
System Integration &  
Field Commissioning  
Production Support  
Final Documentation  
Training