

# What: Skills & Technologies

Area	Skill	Product/Technology
Software engineering	<ul style="list-style-type: none"> <li>Database configuration</li> <li>Display configuration</li> <li>Hardware configuration</li> <li>Logic development</li> <li>Site services</li> </ul>	<ul style="list-style-type: none"> <li>Control Systems: <ul style="list-style-type: none"> <li>PLC – GE, Beckhoff, Rockwell, Honeywell, B&amp;R</li> <li>DCS – Honeywell (Experion, TDC 3000), Emerson (DeltaV)</li> <li>SCADA – InduSoft, Wonderware, Cimplicity, WinCC, iFix</li> <li>Safety Systems – Hima, Honeywell (SM/FSC)</li> </ul> </li> <li>Remote monitoring: eWON</li> </ul>
Hardware engineering	<ul style="list-style-type: none"> <li>Panel integration (assembly, wiring and testing)</li> </ul>	<ul style="list-style-type: none"> <li>AUTO CAD, E-Plan</li> </ul>
Field Instrumentation	<ul style="list-style-type: none"> <li>Field instrumentation <ul style="list-style-type: none"> <li>Sizing and selection</li> <li>Hook up drawings</li> <li>JB, cable and tray schedule</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>AUTO CAD, Microsoft Tools</li> </ul>
Data Integration & Analytics	<ul style="list-style-type: none"> <li>Integration of shop floor data sources</li> <li>Real time visualization</li> <li>Dashboarding</li> <li>Manufacturing data analytics</li> <li>Software - Application development and databases</li> </ul>	<ul style="list-style-type: none"> <li>Historian – GE Proficy, OSI PI, AspenTech IP 21</li> <li>Reporting/Dashboarding Tools – GE RTIP, Crystal Reports</li> <li>Analytics - GE RTIP, Infinity QS, Minitab</li> <li>Software – Desktop and web-based applications with RDBMS databases</li> </ul>

# Where: Domains



# What: Associations

## Solution Partners:

BECKHOFF

## Product Expertise:

BECKHOFFHoneywellRockwell  
Automation

# What: Services Offerings



## Field Instrumentation

- P&ID Reconciliation
- Instrument Data Sheets
- Hookup drawings
- JB, Cable & Tray Schedule
- Loop Drawings (new & modernization)



# What: Services Offerings



## Control System Software Engineering

- DCS Configuration and Database
- DCS, SCADA & HMI Graphics
- PLC & Safety System Logic and Interlock Programming
- Reports and Dashboard development
- Documentation (control narrative, FDS )

# What: Services Offerings



## Control System Hardware Engineering

- System Architecture Design
- Power Consumption and Heat Load Calculations
- Panel Design – System, Marshaling, Power Distribution Panels
- System wiring and termination drawings
- Loop Drawings

# What: Services Offerings



## Panel Integration

- Integration of Control System and MCC panels
- Integration centre with qualified team
- Integration done using good engineering practices,
- Delivered panels to customers in India, Middle-East and Africa.

# What: Services Offerings



## Onsite Support

- FEL – Front End Loading
- System Engineering – Hardware and Software
- FAT support
- Installation and Commissioning support







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