

L. Todd Cooper

Education 1994 Auburn University Auburn, AL

- B.S., Management Information Services

Experience April 1997 – Present Strategic Industrial Solutions Birmingham, AL

Senior Systems Analyst

- Research and Development of special projects involving HMI software and hardware upgrades, communications, and reporting.
- Research and Development of new software/hardware to determine effects to existing HMI/Controls scheme.
- Develop procedures for installation, upgrades, and modifications to facility HMIs and operator interfaces in order to increase system performance and productivity.
- Developed and Installed Honeywell Experion PKS HMI graphics for Pivotal Propane of Virginia, an Atlanta Gas Light Company.
- Developed Graphics for Wonderware InTouch systems used at Elba Island Liquefied Natural Gas facility.
- Developed reports for use with Wonderware Industrial SQL Server for use at Elba Island LNG facility.
- Developed HMI graphic interfaces for Wonderware InTouch systems used by Southern Natural Gas facilities.
- Administered the installation of four station operator PCs, ten operator interfaces, one Industrial SQL Server machine, and five remote HMI connections for various plant supervisors at Elba Island LNG facility.
- Developed Graphics interfaces for ScadaVision systems used at Southern Natural Gas Pipeline facilities.
- Install and test different communication protocols for use with various HMI packages.
- Perform I/O Testing on new or existing plant start-ups or upgrades.
- Perform software modifications to existing Bristol Babcock RTUs.
- Technical support for any customer based HMI, reporting, and networking issues.
- Develop and administer basic and advanced training courses relating to HMI use and/or development.

Software Experience

- Wonderware FactorySuite
 - Wonderware ActiveFactory
 - Wonderware IndustrialSQL Server
 - Honeywell Experion PKS HMI/Web Builder
 - Honeywell Experion PKS Display Builder
 - Honeywell Experion PKS Control Builder
 - Allen Bradley ControlLogix 5000
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- Allen Bradley PanelBuilder
 - Allen Bradley RSView Machine Edition
 - Intellution iFix
 - Bristol Babcock ACCOL
 - Bristol Babcock BSAP I/O Server
 - ScadaVision