INDUSTRIAL AUTOMATION GURUS LLC

ELECTRICAL, AUTOMATION AND SCADA

Our Team:

The Industrial Automation Gurus team is a group of engineers who have worked for some of the most prominent engineering firms. With diverse Industrial Automation, SCADA, Electrical and Control Design experience, our easy working relationships ensure project success.

- Unique Answers to Project Needs: New Systems, Upgrades, Maintenance or Repair.
- Standard Software Out Of The Box, or Out-Of-The-Box Thinking Where Custom Solutions Are Needed.
- We Develop And Utilize A Number Of Custom Software Tools To Automate Many Of The Error-Prone Tasks Found In Control And SCADA Projects.
- Wide Variety of Different Industries: Manufacturing, Food and Beverage, Oil and Gas, Water/Wastewater, Mining, Pharmaceuticals, and More.
- Meeting Your Needs Keeps Us In Business!

We Offer the Following Services:

- **Electrical Design and Implementation –** Power Distribution, Low and Medium Voltage. One Lines, PE-Stamped Drawings, Permit Drawings, ARC Flash Reports and Stickers.
- **Facility Automation –** Control System Design, Implementation, Commissioning, Safety Systems, Calculated Leak Detection, Process Executive Engines, Calibration and more.
- **PLC Configuration and Programming** -- Rockwell/Allen Bradley, Siemens, GE, Modicon, and more.
- **SCADA Design, Configuration, and Programming –** Wonderware (We're Archestra Gurus!), FactoryTalk View, Ignition, GE iFix, Citect, and more.
- **Network Architecture and Implementation –** Copper, Fiber Optic, Spread Spectrum Wireless, Radio, and Microwave.
- **Network Security –** Defense-in-depth, DMZ's, Multifactor Authentication, Security Appliances, Zero-Client, and Secure Mobile Devices over Wireless.
- **Advanced Control System Applications –** From clever SCADA Scripting to Custom C# or VB.net Applications, we've got you covered.
- **Monitoring, Reporting, and Intelligence –** Reports & Dashboards That Turn Your Data into Information. Mobile Connectivity and Security
- **Enterprise Integration –** Business Systems and MES Integration, Asset Management Systems.

Leverage Our Services To Meet Your Needs! Call us Today for More Information

No project is too small – No project is too complex

We thrive on work of any level, whether it's just adding a small remote site, solving a confounding problem, or developing an enterprise-wide system, we can help you save time and money, avoid expensive downtime, ensure regulatory compliance, meet safety goals, and reduce maintenance burdens.

Company Owners and Founders

Roger Gottula: Project Manager/Project Engineer/ Automation System Engineer (30 years' experience)

Experience in the management of engineering and construction for Water, Wastewater, Oil and Gas Production, Pipeline, and Material Handling projects. Technical knowledge of electrical, mechanical, civil, and structural design. A team leader who has provided effective project management in the development of proposals, project estimates, project execution plans, detailed scope of work, budget management, and the coordination of simultaneous execution of multiple projects. Management skills are rooted in both past and ongoing technical experience as a high level automation engineer with deep skills in Instrument and Control Systems, PLC's, Flow Computers, Networks, Radio Networks, SCADA Systems, HMI's , Electrical Design (including Power, Automation, I&C, Cable/Conduit, etc.), Automation System Design, Electrical System Retrofits, Automation System Retrofits, Network Retrofits, Pump Systems, Switchgear, VFD's, Valve Systems, Digital Communications Systems, and Environmental Regulation Compliance Systems.

Roger can be reached at 303.506.5325 Roger.Gottula@IAGurus.com

Kevin Petrasek: SCADA and Automation System Engineer/Architect/ Project Engineer (30 years' experience)

Experience in SCADA and Automation system architecture and implementation, automation/process control programming, applications software engineering and development, project management, team management, network security/architecture, and instrumentation. Experience spans the Water Utility, Oil & Gas, and Manufacturing industries. Known for problem-solving innovation in SCADA and Automation, Served as Senior SCADA and Automation Technology Lead for CH2M Hill's Water Engineering Group for the Rocky Mountain Region, responsible for System Architecture, System Development, Telemetry, Process Control, Automation Systems, SCADA Master Planning, Radio Network Systems, Fiber Optic Networks, and Network Security architecture. Experience includes Fresh water Plants, Wastewater Plants, Well Fields, Aquifer Storage and Recovery systems, Pump Stations, Natural Gas and Oil Wells, Salt Water Disposal Wells, Natural Gas Gathering, Natural Gas Processing, Liquefied Natural Gas Plants, Gas Compressors, Environmental Reporting, Truck Racks, Gas Pipelines, Crude Oil Pipelines, and Refined Product Pipelines, Pipeline Leak Detection, and Flow Computer Programming.

Kevin Petrasek is a leading expert in the development of Invensys WonderWare System

Kevin can be reached at 303.520.9067 Kevin.Petrasek@IAGurus.com

Kevin King: SCADA and Automation System Engineer/Architect/Project Engineer (20 years' experience)

20 years' experience

Experience in a wide variety of control, automation, and SCADA systems. Engineering background in power systems / distribution, electrical machinery / motors, power electronics, instrumentation Control Network setup and engineering, system diagnosis, and a specialization in data communications loading and scheduling. Experience spans virtually all industrial business sectors, especially Oil and Gas, Water/Wastewater, Manufacturing, Mining, and Pharmaceuticals. Excellent skills and deep experience in programming, debugging, commissioning, and communications with both DCS and PLC systems, various SCADA systems (including WonderWare System Platform (ArchestrA), Rockwell FactoryTalk View, Citrix, ClearSCADA, Intellution IFIX, and a wide variety of other systems). Extraordinarily proficient in Server Setup, Networking, Network Administration, Data Storage and Retrieval, Hardware Redundancy, Cost Benefit Analysis, Networking Components, and Network Security (including virus and intrusion protection). Ability to design, test, and verify the security of networks, VPN connections, and network DMZ's. Design and set up systems for terminal services, Citrix, and VMWare systems, Intergraph Smart plant instrumentation, seed file installation and template design.

Kevin King is an Invensys WonderWare System Platform Certified System Integrator, and has been using this product since version 1.0 (2003).

Kevin can be reached at 303.218.8681 Kevin.King@IAGurus.com

Company of Few with the Power of Many

Industrial Automation Gurus is a group of high horsepower players. You have the ability to choose from a list of qualified individuals without the company bloat found in large corporations. Industrial Automation Gurus gives full service backing which is not found in one man operations less the bureaucratic overhead of a large corporation.

READY? Call one of us today for a free consultation!

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Kevin Petrasek	303.520.9067
Kevin King	303.218.8681