



**Position: Systems Integrator**

**Type: Full-time plus benefits, with overtime potential.**

Baxter & Woodman, Inc.'s wholly-owned subsidiary, B&W Control Systems Integration (BWCSI) is seeking a Systems Integrator to be responsible for the design, installation, commissioning and testing of process instrumentation & control systems, including Supervisory Control and Data Acquisition (SCADA) systems. BWCSI is a fast-growing, but established firm that primarily provides control system automation, IT consulting, data development services and turnkey solutions for government agencies (such as municipalities & sanitary districts).

*Typical duties of this position will include, but not be limited to:*

- Provide instrumentation & control design services for water and wastewater treatment facilities, pumping stations, and other municipal facilities.
- Provide design of SCADA systems.
- Provide regular onsite work for municipal clients including assisting with instrumentation, control system, and SCADA system programming, installation, and start-up.
- Both office and field work are required.
- Remain "on-call" 24/7 to troubleshoot instrumentation and control system issues. Staff rotates on-call duties weekly between employees. <15 minute initial (phone) response time to outages when on-call is expected unless prior arrangements have been made (vacation, time off, etc.).
- Work with BWCSI R&D Coordinator to recommend/test new purchases and technologies that may benefit our clients.

**Requirements:**

- Reports to BWCSI Operations Manager for work responsibilities, scheduling, and quality control.
- 5+ years of experience in instrumentation and control system design, installation and servicing required.
- Bachelor or Associate Degree in Electrical Engineering, Electronics Technology, or related technical field.
- Programming experience, including programmable logic controllers (PLCs), operator interface terminals, and SCADA software. Products used by BWCSI primarily include Allen-Bradley SLC/MicroLogix/CompactLogix/PanelView, Modicon PLCs, GE iFIX, Invensys Wonderware, and other hardware/software. Training will be provided, if necessary.
- General electrical troubleshooting for DC and AC circuits, as well as industrial instrumentation (meters, limit switches, sensors, etc.).
- Knowledge of industrial radio and telephone based telemetry systems a plus.
- Ability to read control system wiring schematics.
- AutoCAD and Visio experience a plus, or must be willing to be quickly trained.

**Forward your resume to [Jobs@baxterwoodman.com](mailto:Jobs@baxterwoodman.com) or fax to 815-444-3304.**



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**BAXTER & WOODMAN**  
*Consulting Engineers*



- Hands-on familiarity with small power tools, mounting hardware, and wiring.
- Must have some knowledge of computer and related technology. Microsoft Windows Server and XP Pro experience a significant plus.
- Must be able to occasionally lift items up to 40 pounds without assistance and be able to walk and stand for extended periods of time, if needed.
- Good written and verbal communication skills are essential and must be willing and able to work within the framework of a fast-paced, client-driven service environment.

**Location:**

Crystal Lake, Illinois Office - with opportunity to transfer to other Baxter & Woodman Offices  
8678 Ridgefield Road  
Crystal Lake, Illinois 60012

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