



Engineering Intelligent Automation for a Smarter, Safer Tomorrow

Where Process Meets Precision

Locations

Mississauga | Vancouver | Thunder Bay | Ottawa



Who We Are

Valley Integration Inc. is a Canadian automation and systems integration company focused on high-reliability industrial control solutions.

We combine decades of multi-industry experience with best practices & modern engineering tools to help organizations automate, monitor, and optimize operations safely and efficiently.

Our reach spans municipal(water/wastewater), utilities, energy, and manufacturing sectors, delivering projects from concept to commissioning.

Our Approach



End-to-End Ownership

Design, integration, commissioning, lifecycle support



Multi-Platform Automation Expertise

Experienced with Rockwell, GE, Siemens, Schneider, ABB, Emerson & others.



Compliance And Standards

ISA-101, IEC 61131, IEC 62443, NFPA 79, CSA C22.1.



Connected. Secure. Data-Driven

Emphasis on connectivity, cybersecurity, and analytics.



Mission:

Enable infrastructure and industries to operate smarter, safer, and more sustainably through engineering excellence and technical integrity.



Vision:

Be the trusted partner for industrial automation and digital transformation across North America.

Industry Partners/Certifications

- Ignition Certified System Integrator
- AVEVA System Integrator Partner
- CSA/UL Panel Shop Certified
- Rockwell Automation System Integrator
- Siemens System Integrator
- GE Vernova Systems Integrator
- VTSCADA Systems Integrator

Technical Capabilities



Automation & Control Systems

- PLC / DCS Integration: New installations, retrofits, and migrations.
- Studio 5000, TIA Portal, EcoStruxure, PAC PLC.
- Batch and Continuous Process Control: ISA S88 methodology for standardized process logic.



SCADA / HMI Development

- Ignition, AVEVA System Platform, Proficy iFIX, WinCC, FactoryTalk View SE.
- Redundant client-server design, historian integration, alarm rationalization.
- Secure remote access with VPN & role-based authentication.



Electrical & Control Panel Engineering

- UL/CSA-compliant design and fabrication.
- MCCs, control stations, and marshalling panels with FAT and documentation.
- CAD deliverables: Wiring schematics, loop drawings, terminal lists.



Next-Gen Protection, Control & Modular Infrastructure

- NERC/CIP-compliant relay panels and SCADA for comprehensive asset security.
- Factory-integrated control suites for deployment & reduced risk.
- Specialized control panels & EMS logic for seamless grid synchronization.



Instrumentation & Field Services

- Flow, pressure, level, and temperature, and other instrumentation design, supply, and calibration.
- Loop testing, I/O validation, and commissioning support.
- Maintenance programs with predictive diagnostics.



Data Integration & Analytics

- SCADA-to-ERP/MES integration.
- Historian deployment with KPI dashboards.
- Data contextualization for asset reliability and energy optimization.



Industries Served



Water & Wastewater



Utilities & Power



Oil & Gas



Chemical & Pharma



Food & Beverage



Pulp & Paper



Municipal & Environment

Project Lifecycle Management

- Front-End-Engineering: P&IDs, I/O lists, control philosophy.
- Implementation: PLC logic, SCADA design, FAT/SAT execution.
- Commissioning: Calibration, loop testing, operator training.
- Support: Remote diagnostics, updates, cybersecurity monitoring.

Why Choose Valley Integration?

- Proven delivery across complex automation ecosystems.
- Multi-disciplinary expertise in control, instrumentation, and IT convergence.
- Commitment to safety, reliability, and technical excellence.



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