

# OCWA's SCADA team: Working in partnership with our clients to ensure sustainable solutions



## SCADA Services

In addition to our world-class operations and maintenance services, OCWA's SCADA team offers clients a comprehensive range of SCADA services targeted to the water and wastewater industry. With one of the largest Wonderware solutions currently deployed across Ontario, OCWA has established an impressive municipal track record in supporting and implementing your systems right across the province.

## Industry Experts

We employ industry leading SCADA, PLC and IT experts in SCADA, process control, instrumentation, integration, information technology, and networking:

- ◆ Our Corporate SCADA team is Wonderware Certified Archestra Integrator and an integrator with major PLC's
- ◆ We have extensive integration experience in the application of these technologies in water and wastewater industry across Ontario's diverse geographical regions
- ◆ Our experts utilize radio, cellular, fiber and DSL communications

## Fully-Equipped SCADA Lab

OCWA's SCADA team works in partnership with operations to ensure implemented solutions are sustainable for your facility. We maintain a fully equipped SCADA lab with hardware and software to test and simulate entire facilities. This means the lab can test any development scenario, diagnostic, and process control narrative - and ensure minimal disruption to the operational team - before it goes live. The SCADA lab can also be used to test SCADA standards, conduct project feasibility studies and test adherence to cyber security policies without impacting your production of operations.

## PROFESSIONAL SERVICES:

- INSTRUMENTATION & CONTROLS
- SUPERVISORY CONTROL & DATA ACQUISITION (SCADA) SYSTEMS
- NETWORKING & INFORMATION TECHNOLOGY
- PROGRAMMING – PLC/RTU/DCS
- CYBER SECURITY AUDITS
- HMI/SCADA SYSTEM DEVELOPMENT & IMPLEMENTATION
- PROJECT & PROGRAM MANAGEMENT
- TENDERS & SPECIFICATION
- SCADA SYSTEM SUPPORT



## Custom Reporting

OCWA has developed custom reporting for Wonderware Historians based on SQL Server Reporting Services.

These reports help make sense of the large amounts of data produced every day in a SCADA environment, and can:

- ◆ include daily and monthly process data summaries, alarm summaries and pump runtimes
- ◆ automatically configure to be emailed to individuals
- ◆ be used to make better and more informed decisions, optimize processes and ensure operations meet regulatory compliance requirements

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"I want to extend my personal thanks and appreciation for a job well done - the OCWA support has been outstanding and I am always impressed. It is a true pleasure working together."

Reg Thompson,  
Operations Manager, Bruce Power

## OCWA Fast Facts

- ◆ Established in 1993
- ◆ Canada's largest O&M provider (820 water and wastewater facilities)
- ◆ Litres treated/day: Water—800M, Wastewater—1,100M
- ◆ 535 operators, 270 centralized support and training staff
- ◆ Compliance, process engineering and energy optimization consulting
- ◆ Construction support and integration for new facilities and upgrades
- ◆ Unmatched community emergency response capabilities

**If your business is water,  
you need to know OCWA.**

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