



MICROWATT

Measure ✓ Control ✓ Protect



**Process &
Analytical
Solutions**



**LifeCycle
Engineering &
Field Services**



**SafeGuarding
Products
& Systems**

"Lead with Integrity and Success Follows"

Proudly serving and supporting western Canadian Industry for over 30 years.

THIS IS MICROWATT CONTROLS

For over three decades we've been supporting the leaders of western Canadian industry.



At MicroWatt, our primary goal is to improve the performance of our customers operations through the innovative application of technology. We accomplish this through our unique engineering services group and our wide range of world-class industrial process and safety solutions. We're very proud of our history and our team is dedicated to building trusted customer relationships, we are passionate about providing the most effective solution for our customers challenges, and we position ourselves to attract the best talent to ensure best-in-class service and support for all our technologies.

OUR BUSINESS GROUPS:



SafeGuarding Products & Systems



LifeCycle Engineering & Field Services



Process & Analytical Solutions

WE ARE AN INDUSTRY LEADER

- Proud history of executing projects in challenging locations
- Strategic office and warehouse locations ensure rapid response
- Leading regional expertise within Functional Safety Engineering
- Source and stock products through exclusive manufacturer partnerships
- Expertise to optimize returns on CapEx and Operational investments
- Mobilizing diverse skills and resources to meet any schedule
- Driving profitable growth through our integrated solutions capabilities

YOKOGAWA ◆
Co-innovating tomorrow®

- PRESSURE TRANSMITTERS
- TEMPERATURE TRANSMITTERS
- VORTEX FLOW MEASUREMENT
- MAGNETIC FLOW MEASUREMENT
- VARIABLE AREA FLOWMETERS
- CORIOLIS FLOW MEASUREMENT
- FLOW COMPUTERS & RTUs

- FIELD WIRELESS TRANSMITTERS
- FIELD WIRELESS INFRASTRUCTURE
- LIQUID ANALYZERS/SENSORS
- GAS DENSITY ANALYZER/DETECTORS
- ZIRCONIA O2 ANALYZER/DETECTORS
- ADVANCED TDLS ANALYZERS
- GAS CHROMATOGRAPHS

- DATA ACQUISITION & DISPLAY
- INDUSTRIAL CONTROLLERS
- REMOTE INDICATORS
- DATA LOGGING & RECORDERS
- SYSTEMS INTEGRATION SERVICES
- SAFETY INSTRUMENTED SYSTEMS (SIS)
- CUSTOM INTEGRATED SOLUTIONS

EX™ EJA™

YTA Series

digital YEWFLO

ADMAG
Total Insight

ROTAMASS
Total Insight

TDLS 8000

DX Advanced

Honeywell
Analytics

- TOXIC GAS DETECTION
- COMBUSTIBLE GAS DETECTION
- OPTICAL FLAME DETECTION
- FIRE & GAS CONTROLLERS

Honeywell
Fire Protection

- CERTIFIED SAFETY PLC
- HARMONIZED FIRE PANELS COMBINING FIRE & GAS DETECTION, SMOKE, EXTINGUISHING SYSTEMS AND ALARM

TRICOR
Coriolis Technology

- CORIOLIS MASS FLOW METERS
- CORIOLIS DENSITY METERS
- HIGH PRESSURE GAS & LIQUID
- TRANSMITTERS AND DISPLAYS

SIGNALFIRE
— WIRELESS TELEMETRY —

- CL1DIV1 WIRELESS NODES/GATEWAYS
- WIRELESS TANK LEVEL MONITORING
- WIRELESS CHEMICAL INJECTION MONITORING
- WIRELESS PRESSURE SENSOR

BOSSPAC™
ENGINEERING TECHNOLOGY

- WIRELESS CONDITION MONITORING [VIBRATION]
- PRESSURE/LEVEL/TEMP

MultiInstruments

- MANIFOLD VALVES
- MANIFOLD ENCLOSURES
- MONOFLANGES

PRECISION DIGITAL

- XP DIGITAL PANEL METERS
- XP LOOP POWERED METERS
- XP CONTROLLERS

FEDERAL SIGNAL
Applied Strobe Technology

- AUDIBLE & VISUAL SIGNALS
- EMERGENCY COMMUNICATIONS
- MASS NOTIFICATION SYSTEMS
- INITIATING DEVICES AND CONTROLS

STAHL

- EXPLOSION-PROOF CAMERAS (IP & ANALOG)
- THERMAL IMAGING CAMERAS
- INTEGRATED VIDEO SECURITY SYSTEMS
- VIDEO SOFTWARE AND ANALYSIS

ON GUARD
LONESAFETY

- INDUSTRIAL-GRADE LONERWORKER SAFETY MONITORING PLATFORM

BW Technologies

- SINGLE GAS MONITORS
- MULTI GAS MONITORS
- DOCKING MGMT SYSTEMS

RAE SYSTEMS

- WIRELESS GAS DETECTION
- AREA GAS DETECTION
- BENZENE MONITORS

Honeywell
Thermal Solutions

- BURNER MANAGEMENT
- COMBUSTION CONTROL
- FLAME SAFEGUARDING
- FLAME MONITORING

DUNGS®
Combustion Controls

- BURNER MANAGEMENT
- PRESSURE REGULATORS
- SOLENOID & BALL VALVES
- GAS CONTROLS

BACHARACH
The Measurable Difference

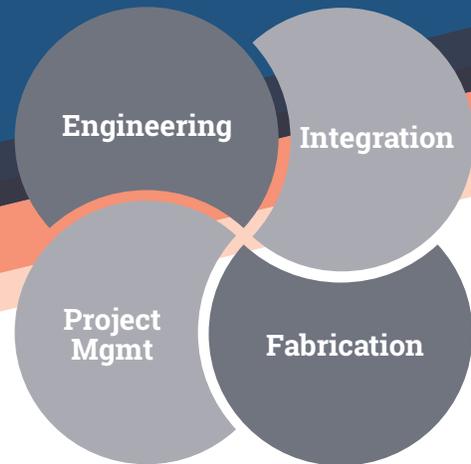
- COMBUSTION, FLUE GAS, & EMISSIONS ANALYZERS
- REFRIGERANT MONITORS
- LEAK DETECTORS



LifeCycle Engineering & Field Services

Certified engineering division with an established reputation for delivering objective, unbiased services of the highest professional engineering standards.

MicroWatt has decades of experience helping customers with the toughest safety and process challenges. Our services are designed to help you improve performance – from planning, design and implementation to operations, maintenance and long term sustainability.



FUNCTIONAL SAFETY ENGINEERING

Your process involves combustible and toxic gasses, high temperatures and pressures. Industries trust MicroWatt to manage and reduce risks, to help protect employees and the public, and mitigate damage to equipment, facilities, and the environment. Reducing risks improves up-time, productivity and quality – ensuring regulatory compliance.

**PHA STUDIES (HAZOP, WHAT-IF) • SIL & LOPA DETERMINATION—VERIFICATION • QUANTITATIVE RISK ANALYSIS
FGS PERFORMANCE TARGET SELECTION & VERIFICATION • FGS & SIS LIFECYCLE MANAGEMENT
FIRE & GAS 3D COVERAGE MAPPING • AUDIO/VISUAL ANNUNCIATOR COVERAGE ASSESSMENTS
ALARM RATIONALIZATION/PRIORITIZATION • SAFEGUARDING CONSULTATION • COST REDUCTIONS**

APPLIED ENGINEERING SERVICES

Our dedicated team has decades of application experience combined with the technical knowledge and factory product training in order to uniquely understand your process and safety challenges. MicroWatt Application Experts will help guide you to the optimization of your process through the use of new or existing technologies.

**ENGINEERING CONSULTATION • SITE ASSESSMENTS • FGS & BMS ARCHITECTURE REVIEW
PROJECT MANAGEMENT • CONTROL & SAFETY SYSTEMS • INTEGRATION AND FABRICATION SERVICES**

RELIABILITY FIELD SERVICES

We deliver value to our clients through field safety, management, quality assurance, and efficiency. Whether we're designing maintenance plans, performing functional testing, or documenting process safety compliance, our trained and experienced experts work closely with our clients to ensure safe, efficient, and sustainable operation throughout the life of the facility.

**24/7 RAPID RESPONSE FIELD SUPPORT • TIER II CERTIFIED PRODUCT SERVICE & REPAIR
PREDICTIVE & PREVENTATIVE MAINTENANCE PROGRAMS • IMPLEMENTATION & COMMISSIONING SAFETY
MANAGEMENT SYSTEM OPTIMIZATION • ADVANCED ON-SITE TRAINING PROGRAMS**



SafeGuarding Products & Systems

Our comprehensive product portfolio includes industry-leading safety instrumentation manufacturers. And MicroWatt's team of safety experts is able to provide our customers with years of experience in industrial and commercial flame & gas detection, emergency notification and communication systems, burner control application consultation with practical training, on-site installation assistance, calibration and repair services.

- **FIXED FLAME & GAS DETECTION**
- **CERTIFIED FIRE PANELS & FGS SYSTEMS**
- **LONEWORKER MONITORING**
- **AUDIBLE & VISUAL ANNUNCIATION**
- **BURNER MANAGEMENT SYSTEMS (BMS)**
- **COMBUSTION CONTROL SYSTEMS (CCS)**
- **PORTABLE GAS MONITORING**
- **INDUSTRIAL SECURITY & SYSTEMS**



Process & Analytical Solutions

Your plant processes require repeatable, reliable and accurate performance. MicroWatt is equipped to supply top-tier control and instrumentation solutions from the world's leading manufacturers, as well as custom-engineered instrumentation packages. We maintain product inventory throughout western Canada available for immediate shipment and the expertise to help you select the right product at the right time, everytime.

- **PRESSURE, FLOW, LEVEL, and TEMPERATURE MEASUREMENT**
- **CONDITION + VIBRATION MONITORING**
- **CONTROLLERS & INDICATORS**
- **WIRELESS TELEMETRY**
- **LIQUID & GAS ANALYZERS**
- **SAFETY INSTRUMENTED SYSTEMS (SIS)**
- **PROCESS CONTROL PLC/RTU/SCADA**
- **DATA ACQUISITION SYSTEMS**
- **FIELD WIRELESS + SENSING**

WHEN THE FIELD DEMANDS IT...WE DELIVER!

CUSTOMER FOCUSED and RESPONSIVE

- The correct product or service the first time, at the right time
- Support 24/7 with one toll free phone call anywhere in Canada 1.888.388.1592
- Over two million dollars in local inventory in multiple locations
- Emergency and scheduled repair services onsite or in our certified repair centre
- World-class products from industry leading manufacturers

KNOWLEDGEABLE and READY

- Factory trained/certified with over 200 years combined experience
- Expertise to assist in solving the most difficult applications
- Complete project execution teams ready to deliver
- Industry leading technology deployed to keep your facility operating efficiently and we work to execute on your schedule
- Direct link to manufacturer specialized application and product experts

TRAINED and COMMITTED

- We hire, train, and retain quality people that know the products and understand the field
- Our commitment to customer service is company-wide, all personnel know that world-class service is what drives our success
- Our people stay apprised of new technology and how it can be best deployed within your facility
- Your problem is our problem, we take ownership of each issue and provide solutions



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