



# POWERFUL SOLUTIONS TAILORED TO MEET YOUR EXPECTATIONS

SOLAR - WIND - STORAGE - WATER & WASTEWATER  
INDUSTRIAL & MANUFACTURING

**65 +** INTEGRATED PROJECTS IN RENEWABLE ENERGY

**5.5 GW** SOLAR AND WIND

**150 +** MAINTAINED AND MONITORED SITES



SOLAR ENERGY      WIND ENERGY      WATER AND WASTEWATER      INDUSTRIAL AND MANUFACTURING      BATTERY ENERGY STORAGE

## ABOUT GANEX

Ganex is your partner of choice for information and communication technologies (ICT) and operational technology (OT) in the renewable energy industries. Our team of experts can skillfully assess your needs and help bridge the gap in your operations with innovative, tailor-made solutions designed to suit the specificities of your IT infrastructure.

**We currently serve North America from our multiple locations in Canada and USA. We also provide solutions for our partners in the fishing industry, water wastewater treatment and various manufacturing sectors.**

At Ganex, we offer a wide range of customized professional services to meet your operational needs. From SCADA solutions to preventative support, monitoring and cybersecurity, we strategically build solutions and implement systems that are all aligned to directly respond to your reality. We make it our priority to ensure your business is secure and able to operate at maximum efficiency. We take the time to observe your reality and make recommendations based on our findings. We work with you to make sure the systems and infrastructure you already have in place are optimized for you.

*“Together, we create solutions that will provide optimal productivity, minimized downtime and reliable security for your operations. We work with you to build a more powerful and sustainable future.”*

## OUR MISSION & VISION

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At Ganex, our mission is to collaborate with clients in the renewable energy industries and help them grow their businesses in the most efficient ways possible. With years of experience in the industry, we have the technical understanding required to provide valuable solutions and innovative recommendations to help our clients improve their operational efficiency, maintain reasonable budgets, and above all, guarantee the security of their information, systems, and employees.

**We assess each situation carefully and offer the best solutions for our clients. We remain agile and ready to adapt to new developments in our constantly changing industry. We have the learning capability to identify new technologies and train our team to employ advanced solutions. With shared technologies across platforms and projects, we always offer proper alignment for all solutions.**

Our vision is simple: we intend to be the North American reference for innovative and reliable solutions in renewable energy. We are prepared to grow with this ever-evolving industry and discover cutting-edge methods to improve workflow, minimize downtime, and ensure security for our partners. We work with you to build a powerful and sustainable future.



## OUR VALUES

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### Expertise

We are driven by an insatiable curiosity and desire for constant improvement. We keep a close eye on industry developments and explore cutting-edge technologies to help our partners improve their businesses. We know that our industry is always changing, and we adapt our approach according to new developments that benefit our clients. Our collective knowledge in IT, OT and cybersecurity makes us a partner of choice within the renewable energy industry.



### Commitment

We believe that, as a team, we can go further and achieve more. The work of each individual serves as inspiration for the rest of the collective group. We are determined to find solutions that benefit our clients and respond to their unique needs, and we work together towards this common goal. We offer training within our organization so that all team members are familiar with the latest technologies and can identify the most suitable solutions for our clients.



### Passion

We are passionate about providing remarkable and sustainable solutions for our partners. We work hard every day to contribute to their businesses by providing customized solutions that meet their needs. We are always ready to go above and beyond to reach our objectives and help our partners to succeed.

## SCADA - AUTOMATION

We have the expertise required to carry out all types of SCADA projects—from the simplest to the most complex. With more than 20 years of experience in the industry, we take a collaborative approach that fosters communication and an orderly progression for each project. We have successfully carried out over 65 different SCADA projects for clients in a variety of industry sectors. We work closely with owners, operators, builders, and engineering firms.

**We keep a close eye on technological innovations and have the learning capability to constantly build upon our excellent knowledge of the cutting-edge software and newest hardware technologies that will best serve our clients.**

Our designs are detailed, realistic and functional; and our optimized working methods allow us to complete a SCADA modernization project in just two weeks with minimal impact on your operations.

Our SCADA Automation services include:

- ▶ Industrial Computing;
- ▶ SCADA Design;
- ▶ SCADA Integrations;
- ▶ Commissioning;
- ▶ PPC;
- ▶ Remote I/O;
- ▶ Factory Acceptance Testing (FAT);
- ▶ Site Acceptance Testing (SAT);
- ▶ SCADA support.





## CONVERGING ICT/OT

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Due to the constant evolution of business needs, ICT and OT systems are steadily moving towards convergence. Ganex has created a multidisciplinary team of specialists in both ICT and OT to provide support for your IT infrastructure. We offer a comprehensive alignment of shared technologies to avoid duplication.

**In addition to providing significant productivity gains, the convergence of our ICT/OT teams allows us to implement crucial mitigation measures against IT attacks. Our protective solutions are robust and reflect the specificities of OT components in terms of security.**

Our ICT/OT services include:

- ▶ Virtualization;
- ▶ Accommodation On- or Off-Site;
- ▶ Fiber Optic Design and Installation;
- ▶ Leveling Software;
- ▶ Firewall and Remote Access;
- ▶ Data History Management.

## MONITORING AND SUPPORT SERVICES

Maintenance is an essential part of the process that leads to achievement of your production and profitability objectives. Our solutions help you optimize performance and minimize production interruptions, while maximizing the longevity of your equipment.

**In critical situations, the speed and efficacy of a response is crucial. Our 24/7 emergency service gives you immediate access to operational support from qualified specialists.**

We offer the following customizable packages:

- ▶ ICT/OT Monitoring;
- ▶ Cybersecurity Monitoring;
- ▶ Site Assessments;
- ▶ Database Maintenance;
- ▶ On-site ICT/OT Infrastructure Maintenance;
- ▶ Disaster Recovery Plans;
- ▶ Data Historian Maintenance.





## CYBERSECURITY & COMPLIANCE

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Cybersecurity threats are constantly increasing, and industrial systems have become strategic targets. In 2021, the global costs associated with such attacks totalled approximately \$6 trillion.

**At Ganex, we take cybersecurity seriously and we develop strategic methods of mitigating IT security risks, both for ourselves and for our partners. We take the time to assess potential vulnerabilities and identify the means of protection that can be implemented. We pay close attention to the integrity and confidentiality of our partners' critical data to ensure optimal security for their operations and accelerated recovery in the case of an attack.**

Our Cybersecurity & Compliance services include:

- ▶ Vulnerability Scanning;
- ▶ Firewall Patch Monitoring;
- ▶ NERC Assessments and Compliance Checks;
- ▶ Log Monitoring for Suspicious Activity;
- ▶ Phishing Tests.

## 24/7 CONTROL CENTER

Our control center (GONOCC) is designed for any infrastructure that requires continuous monitoring of operation. Whether you run a wind farm, a solar infrastructure, a hydroelectric dam, or a water treatment facility, you can trust our team of experts to provide complete supervision of your operations.

**Our surveillance teams respect the procedures you already have in place and act in accordance with your operational guidelines. We understand the importance of workplace health and safety, and we apply all necessary protocols to ensure the security of your employees. In the event of an emergency, our control center teams use our centralized services to react quickly and efficiently to resolve the issue.**

Our 24/7 Control Center services include:

- ▶ Real-Time Supervision & Support;
- ▶ Monitoring for Normal Functionality;
- ▶ Troubleshooting Support;
- ▶ Performance Reporting;
- ▶ Log Checking;
- ▶ Mission-Critical Event Monitoring & Updates.



## GET IN TOUCH WITH US

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