

APEX  
AUTOMATION



Apex is Open for Business



**"The sole purpose of the Apex Automation team is to create long-term, trusting and authentic business relationships built on integrity that result in our clients getting the highest quality solutions to achieve optimal production and operational excellence."**

**2012**

**2014**

Apex Opens Edmonton Office  
Becomes COR Safety Certified

**2016**

Growth Rate +80%  
Becomes Rockwell Recognized  
E&H Service Provider

**2017**

Growth Rate +70%  
Opens Engineering Division  
ISA - Innovation of Year Award

**2018**

Growth Rate +50%  
Stratus System Integrator  
Nozomi Partnership Signed

**2019**

Growth Rate +30%  
Opens Saskatoon Office

**2020**

Opens Lloydminster Office  
Indurad Partnership Signed  
Schneider Alliance Partner  
Control Station Partner

Intelligence . Ingenuity . Integrity



# “Providing Intuitive Fully Autonomous Solutions to Industry

## Giving People Back Their Time”

- Apex Management



### 01

#### Design

Apex Automation will gain an intimate understanding of your project's requirements. Brand new or retrofits our engineering team will give you the peace of mind every client deserves.



### 02

#### Fabrication

We are electrical control panel and equipment experts. We offer fabrication services to our clients to deliver the highest quality turnkey electrical packages in the industry.



### 03

#### Automation

Our award winning, industry recognized team will bring value to any project. We are always looking to improve and optimize the operator and maintenance experience and performance.



### 04

#### Installation

Our highly trained and experienced staff will ensure the installation of your equipment is compliant, aesthetically pleasing and ready for operations and startup.



### 05

#### Commissioning

Apex Innovations our sister company developed an award-winning commissioning management application combined with our service team will get your project operational, safely and efficiently.



### 06

#### Maintenance

We started in maintenance. Our approach to your projects has the operation and maintenance in our focus. Calibrations to Cybersecurity, we are here to help.



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# Design

## Deliverables

- Front-End Engineering
- MV/LV Electrical Distribution
- Motor Control Centers
- Control Panel Schematics
- Control Narratives
- Critical Settings
- P&IDs
- Cable Schedule
- Shutdown Keys
- Network Architecture

## Expertise

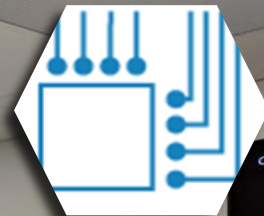
- Process Automation
- Motion Control
- Robotics
- Network Architecture
- Cyber Security
- Machine Learning/AI

## Markets

- Autonomous Machinery
- Heavy Oil
- Conventional Oil
- Gas Processing
- Power Generation
- Mining
- Chemical
- Lumber
- Water Treatment



[www.apexautomation.ca](http://www.apexautomation.ca)



# Automation

## Expertise

- Control System Engineering
- Industrial Programming
- Human Machine Interface
- Control System Migrations
- Network Architecture
- Remote SCADA
- Cybersecurity Implementation

## Projects

- Gas Facility
- Thermal Facility
- Train Loadout
- Autonomous Mining Machine
- SAGD Well Pads
- Direct River Intake
- MCC Design and Installation
- Pipeline Maintenance

## Markets

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# Fabrication

## Capabilities

- DCS Control Cabinets
- Motor Control Centers
- RTU Panels
- Marshalling Cabinets
- Junction Boxes
- VFD Panels
- SCADA Panels

## Markets

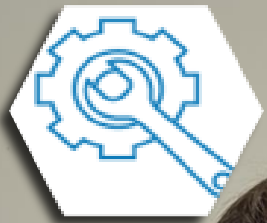
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## Facility

- 24/7 Access
- Live Streaming Video
- Forklift/Large Bay Door
- 4000 sq/ft
- Engineering/Fabrication
- Virtual HAT Ready



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# Installation

## Deliverables

- Network Cables
- Server Cabinets
- Uninterruptible Power Supply
- Instrumentation Installation
- Electrical Device Installation
- Cable Tray
- Retro Fit Control Panels
- Junction Boxes
- Remote IO Panels
- Breaker Panels

## Expertise

- Electrical
- Instrumentation
- IT/OT
- Automation
  - Rockwell
  - DeltaV
  - Schneider
  - ABB
  - Delta Motion

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# Commissioning

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## Deliverables

- Commissioning Execution
- Construction Turnover Support
- Handover Methodology
- Digitized CMMS Database
- Commissioning Instructions
- Realtime Project Analytics
- Cloud Based Management System

## Disciplines

- Electrical
- Instrumentation
- Automation
- Network
- Mechanical
- Piping
- Commissioning Management
- TOHO Coordinators
- Safety Consultants

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# Maintenance

## Deliverables

- Patching/Hotfixes
- Firmware Updates
- Electrical Troubleshooting
- Instrumentation Calibrations
- Workorder Management
- Network Management
- OT Network Monitoring and Updates

## Disciplines

- Electrical
- Instrumentation
- Automation/Integration
- Network

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# Community

## Participation

Our focus to participate is driven from a sense of community. We donate an annual contribution to every employee for physical investment. This investment is to promote individual and family activates and involvement

## Donation

Apex Automation and our team actively donate in areas we work. Whether that is with our time or charitable donations. Its important to give back to the communities that support ours.

## Contribution

We continue to contribute in a positive way in every way we can. We believe we can improve quality of life by simply getting involved. Our team all contribute to this goal with a focus on always improving our internal and external communities.



# culture

## Intelligence

*Intelligence is "The ability to acquire and apply knowledge and skills".*

Continuous understanding of the latest technology and its direct application to our clients and their business model.

Taking a proactive approach with our clients in suggestion of these technologies in a professional Intelligent manner.

## Ingenuity

*Ingenuity by definition is "The quality of being clever, original, and inventive".*

Understanding the needs of our clients while applying this attribute allows for superior product development and continued return business.

Apex Automation is an industry leader. To continue this success as a team, will require continued invention, leadership and Ingenuity.

## Integrity

*Integrity is "The quality of being honest and having strong moral principles; moral uprightness".*

This attribute is the most important to our corporate culture. It helps define how we interact as a team and individuals, in and out of the office.



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**"We hire extraordinary people and give them the opportunity to develop and reach their full potential both technically and as a human being. People don't leave companies, people leave people."**

**At Apex people matter."**