



Experience Industrial Innovation

Integrated Control | Smaller Footprint | Built Locally in Canada



PowerVue™ Motor Control Centers



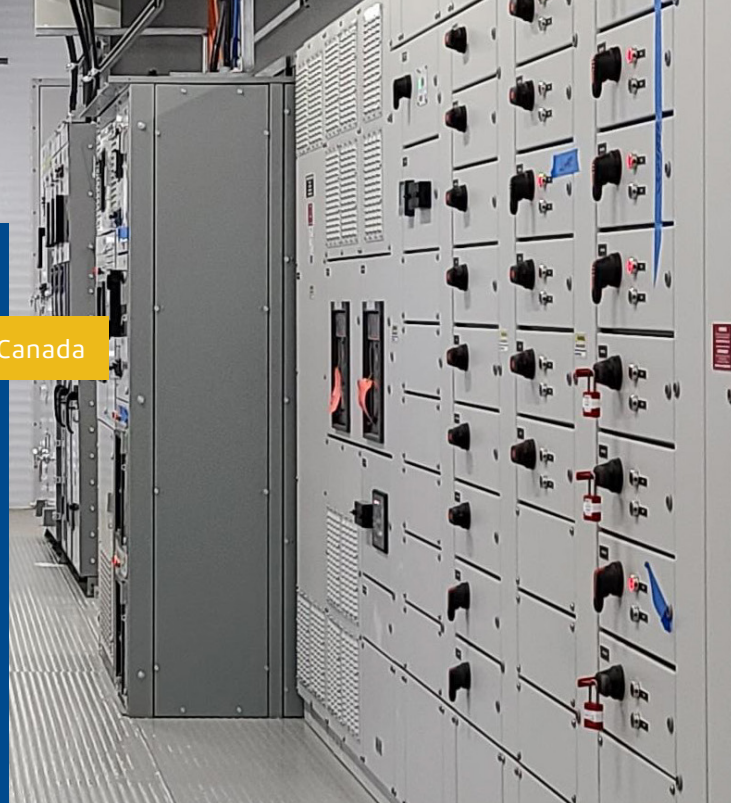
Hyundai Induction Motors



Electrical Reliability & Monitoring



Yaskawa Variable Frequency Drives



Power and Drive Solutions

For Process Electrification Applications

Customer First

Spartan Controls Ltd. is the recognized leading provider of industrial automation, valves, measurement and process control solutions and services for process industries in Western Canada. Our partnerships with leading solution providers enables us to connect our Customers with world-class technology, superior technical expertise and full lifecycle services.

We are a Canadian, employee-owned company with project experience spanning multiple industries. Our single point of contact reduces cost, improves the Customer experience and allows us to quickly apply solutions and services to meet our Customers' automation challenges head-on.



We invest to earn your business; we invest more to keep it.

Spartan Controls can apply proven process and electrical knowledge, products and experience to support your projects from beginning to end.

Spartan Controls is your single source for the complete design and full integration of electrical systems for your process electrification needs.

We can support the complete project scope including design, manufacturing assembly, testing, field commissioning, optimization, and operator training.

With over 100 years of combined experience in electrical systems, we have application specialists for a wide variety of applications.



Spartan Power & Drives Capabilities

Packaging
Solutions
to Meet Your
Needs

**OUR TEAM HAS EXPERIENCED PERSONNEL
WITH THE RIGHT QUALIFICATIONS TO
SUPPORT YOUR ELECTRICAL PROJECTS.**

Within Spartan Controls, our Power & Drives business unit focuses on providing process electrification solutions that improve your project timelines while reducing complexity and cost.

Working with the Power & Drives team means more than just a single product over the counter. Our experience and collaborative mindset allows us to find unique solutions for our customers.



Spartan Controls Hyundai Motor - Packaged System

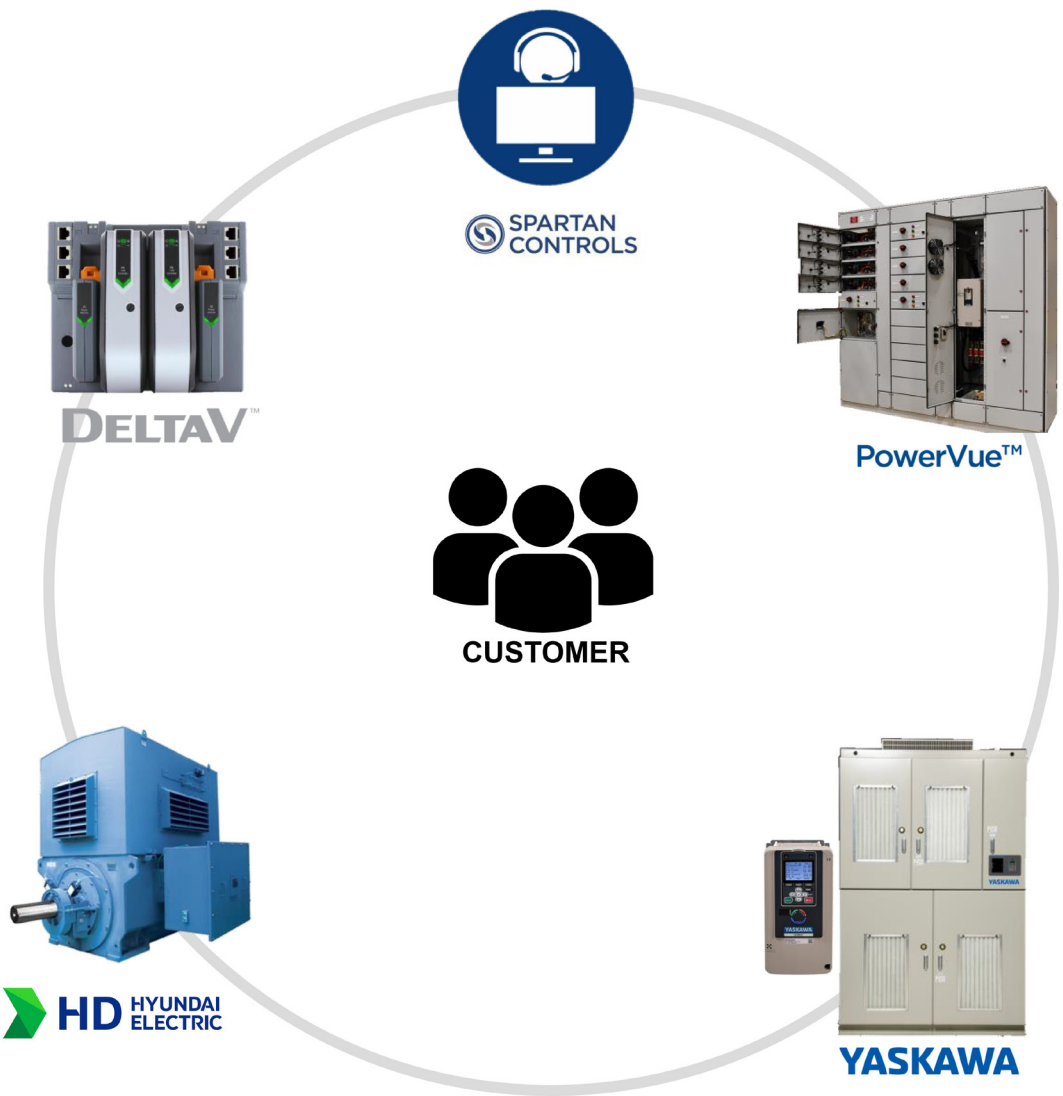


Contact us today to see
how our portfolio of
products can help you
on your next project.

Spartan Controls Connected Solution

YOUR ELECTRICAL SYSTEM IS CRITICAL TO THE OPERATION OF YOUR PROCESS.

Spartan’s products and systems seamlessly integrate to ensure uninterrupted operation of any critical application. In addition, our connected support strategy allows you to access electrical expertise 24/7 to support the optimization and maintenance of your investment.



Designed to be more than a typical Motor Control Center.
Designed to be modular, configurable, and different.



Spartan Controls PowerVue™ MCC with ATS and DeltaV™

Meets all typical LV MCC
standard design requirements
480V/600V
Up to 100kA SCCR
Up to 5000A



PowerVue™ MCC

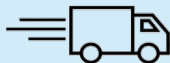
Delivered in as
little as 16 weeks*¹



Power and motor control in
one lineup



Local assembly and inventory



Minimal impact to delivery
with last minute changes



Smaller footprint and
alternate form factor

Traditional motor control centers
can have long lead times and often
cause significant project delays.

That is, until PowerVue™ came
around.

^{*1} Subject to material and shop availability

Reduce costs, electrical footprint, and project timelines by
integrating solutions right into the PowerVue™ MCC.

WHAT IF...

- There was no need to compromise?
- You could build, operate and optimize your
operations as a single plant?
- You could eliminate interconnection wiring
and instead seamlessly integrate solutions
for operations?
- You could easily expand your facility in the
future?

Well now you can with PowerVue™ and
DeltaV™.

BUILT IN DELTAV™



Spartan Controls PowerVue™ MCC with DeltaV™



UPGRADE COMMUNICATION OPTIONS

Choose from built-in DeltaV™ or smart MCC



REDUCE MATERIAL COSTS

Less wiring, cable tray and interconnections



SAVE ON COMMISSIONING COSTS

No point-to-point or loop checks

*Traditional MCC configurations also available.

Spartan Controls has the resoures to support any low or medium voltage VFD application.



Spartan Controls Yaskawa Packaged VFD Solution

\$100M NORTH AMERICAN INVENTORY


Ready to ship LV and MV drives




PACKAGING CAPABILITIES

Flexible and out-of-the-box thinking

DOWNTIME IS UNACCEPTABLE

28 year Mean Time Before Failure (MTBF)

 Extended warranty when combining a Yaskawa VFD with a Hyundai Induction Motor

-  Lowest harmonics in industry (IEEE519)
-  Save space with integrated switchgear options
-  Low component count and 15-minute Mean Time to Repair (MTTR)



Spartan Controls Yaskawa MV1000 VFD

Why replace in-kind, when you can replace with better?
Industry approved motors for all applications.



Local inventory of low voltage NEMA and IEEE motors




Custom packaging and modification capabilities for improved delivery



Robust design; ideal for DOL and VFD applications



Spartan Controls Hyundai Motor & Pump

 Extended warranty when combining a Yaskawa VFD with a Hyundai Induction Motor



Spartan Controls Hyundai Motor - Local Stock & Modification Shop



One Industry Leading Solution for all your Electric Compression Needs



Eliminate local NOx emissions and reduce your carbon footprint with a pre-designed solution



Reduce skid size, weight, and noise while benefiting from electric performance



Work with Spartan's dedicated environmental team to beat your emissions targets and qualify for funding programs

CONNECTED SOLUTION

Collect data, configure parameters, and troubleshoot faults for compression and electrical assets from a single HMI.

PROVEN DESIGN & COMPATIBILITY

Seamless integration and compatible with all Spartan compressor control solutions.



Spartan Controls REMVue-Electric - VFD Screen

Energy Savings and Electrical Services



ON-SITE ELECTRICAL SERVICES

Increase reliability and reduce energy costs with harmonic, grounding and energy studies



REPAIR AND REPLACE PROGRAM

We have a full service VFD repair shop to support your installed base of Yaskawa and even 3rd party VFDs



RETROFIT SERVICES

Yaskawa drives have smaller footprints than the competition, which means they're perfect for retrofits into existing MCC buckets or panels

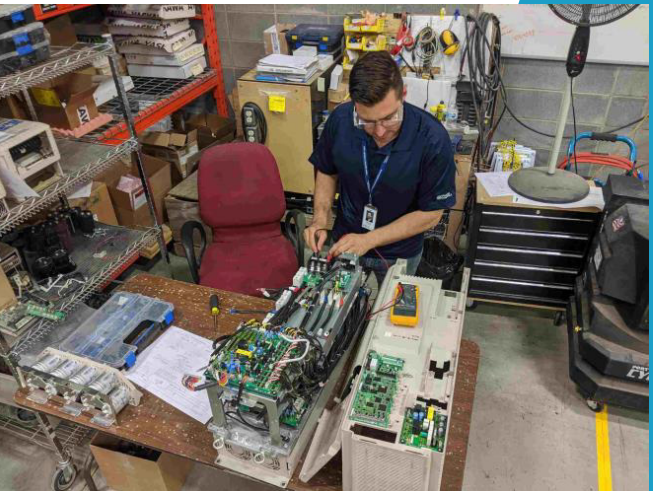


ELECTRICAL DEMAND OPTIMIZATION

Our peak demand and price forecasting are built on deep learning algorithms, automation and industry knowledge for optimal energy management



Spartan Controls On-Site Electrical Services & Reliability Program



Spartan Controls Repair and Replace Program

Reduce electricity costs & unplanned downtime while achieving your production targets.



**Serving our
Customers with
the highest
degree of
responsiveness,
knowledge and
commitment.**

The Process Industries We Serve

The industry segments we serve are key drivers of Canada's economy. Spartan has been at the center of it for over 50 years, supporting companies that make Canada great.

With over 10 000 years of combined industry experience, Spartans are driven to serve our Customers with the highest degree of responsiveness, knowledge and commitment, and to be recognized as the benchmark for exceptional customer value, service and loyalty.



Customer First

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Call us or request a quote online 24/7

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