



Bectrol

Charging Forward, Driving Efficiency

Corporate presentation
April 2024

1979

Over 40 years of passion for electricity

2014

10 years of crafting our EV charging infrastructure expertise

90+

Passionate employees driven by our mission
Engineering, Projects, production, logistics

60k

sqft

Available out of 2 manufacturing sites



Bectrol

Key highlights

+2,200

Chargers deployed in Canada, coast to coast

+4,000

Electrical cabinets manufactured every year



**INDUSTRIAL
CONTROL PANELS &
SWITCHBOARDS SOLUTIONS**



**EV CHARGING
INFRASTRUCTURE SOLUTIONS**



**AFTERMARKET
SITE MONITORING
PARTS SERVICES**

1979

The Starting point

Bectrol is founded in St-Hyacinthe by long-time friends Rolland Benoit and Jean-Guy Cusson.



2014

A new Passion called EV

Development of charging infrastructure products and services in exploration mode

2023

Setting new heights

With a new clean sheet strategy built on our existing expertise, Bectrol aim at speeding up the EV deployment across the country and becoming a key player in the industry

2025

North America

Driving expansion in the US market through strategic mergers and acquisitions while continuing to innovate and develop new products

1990

Second generation gets in motion to write the next chapter

Under Mr. Benoit's children's leadership, Sylvain, Stefan & Yolaine, the company specializes in industrial automation and control panels, building a reputation based on quality, reliability and customer satisfaction



2017

The first 50KW fast charger

In conjunction with the largest EV taxi fleet in North America (TEO Taxi); Bectrol design and manufacture our first 50KW



2024

Product Development

Manufacturing and certification of a Canadian made fast charger becoming 2nd EV DCFC manufacturer in Canada and 1st within the 120 to 180kw family. Development and launch of the Voltline switchboard series Design and made by Bectrol





Mission

Contribute directly to carbon neutrality by propelling our clients' technological development through specialized integrated services

Vision

With a bold vision and a strategy focused on excellence, Bectrol has set ambitious goals to strengthen its presence in the North American market. The company is committed to expanding its product and service line, exploring new markets and establishing strategic partnerships to capture growth opportunities.

Core Values

Excellence

Our commitment to operational excellence and LEAN is critical to our success. We strive to maintain the highest standards of quality, efficiency and reliability, in order to provide an exceptional customer experience and achieve long-term results.

Winning together

We are a committed team, based on trust and collaboration, with our employees, suppliers and customers, working together to achieve mutual prosperity and fulfillment.

Passion

The passion that drives our employees is the engine that fuels our company and pushes us to always push our limits.

Our priorities**Strategic pillars****Our Customers**

Create an extraordinary customer experience from the first contact to the last.

**Employer Brand**

Have and keep the best talent, committed and motivated to always go further.

**Operational Excellence**

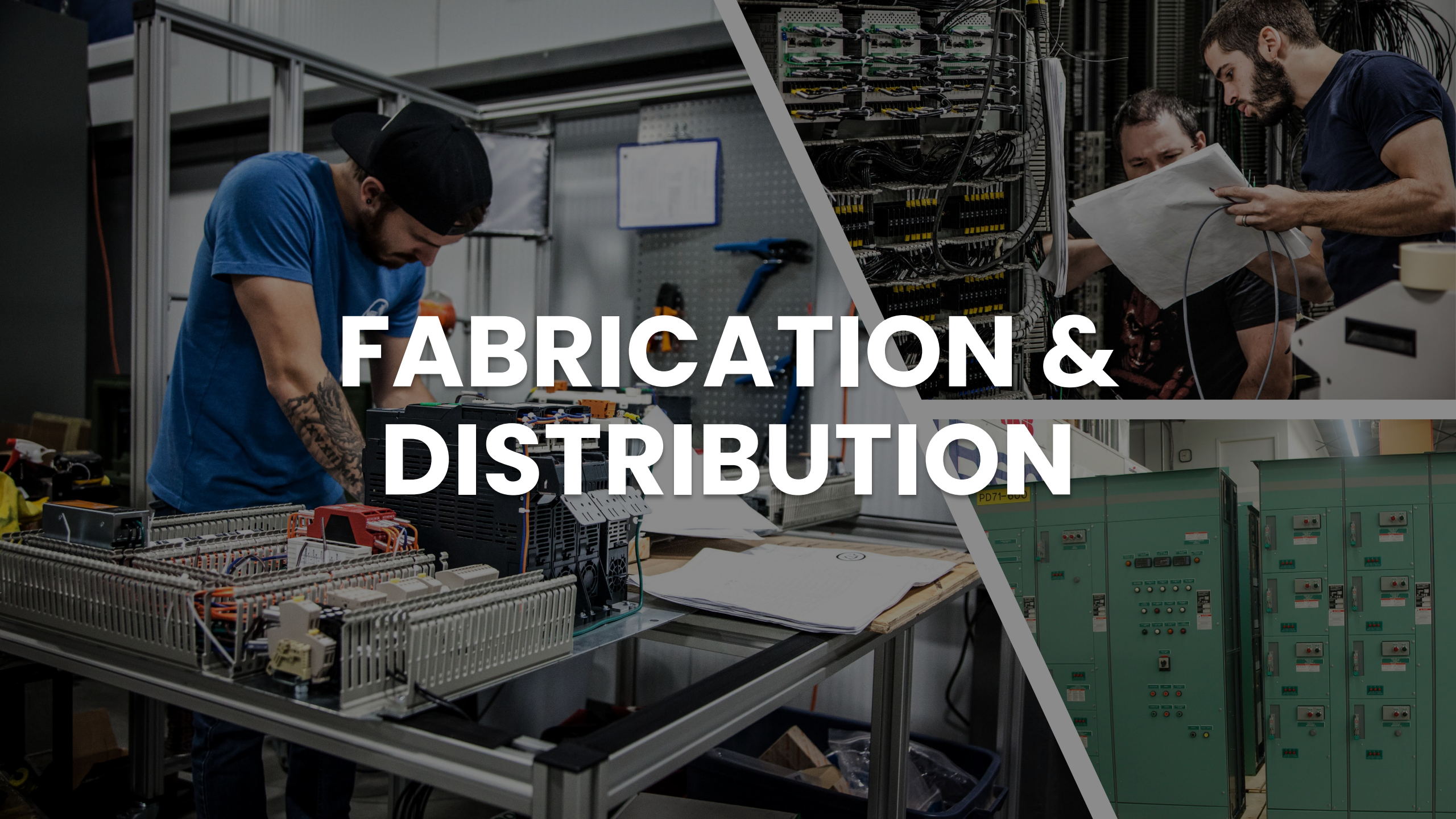
The Lean Bectrol system. Quality, agility, efficiency, tomorrow better than today

**Financial performance**

Accountability, predictability and risk management for sound financial management

**Digital Transformation**

The world has changed, we have to adapt. Integration of digital technology into our business processes



FABRICATION & DISTRIBUTION

OUR SERVICES

CONTROL & AUTOMATION

Project Management



Conception & Drawings



Fabrication



Programming



Commissioning

Bectrol leverages its **history, experience,** and **expertise** to support its partners in the integration of efficient operational processes.

Over 40 years of Electrical DNA expertise

- Industrial control Panel and automation
- A team of 60+ specialized employees
- Over 4,000 panels manufactured every year
- Engineering, Project Management capabilities
- Quality driven
- Capabilities for custom made to high volume



10 000+

Parts from major manufacturers

Available for immediate delivery





— COLLABORATIVE —
ROBOT

Schneider
Electric

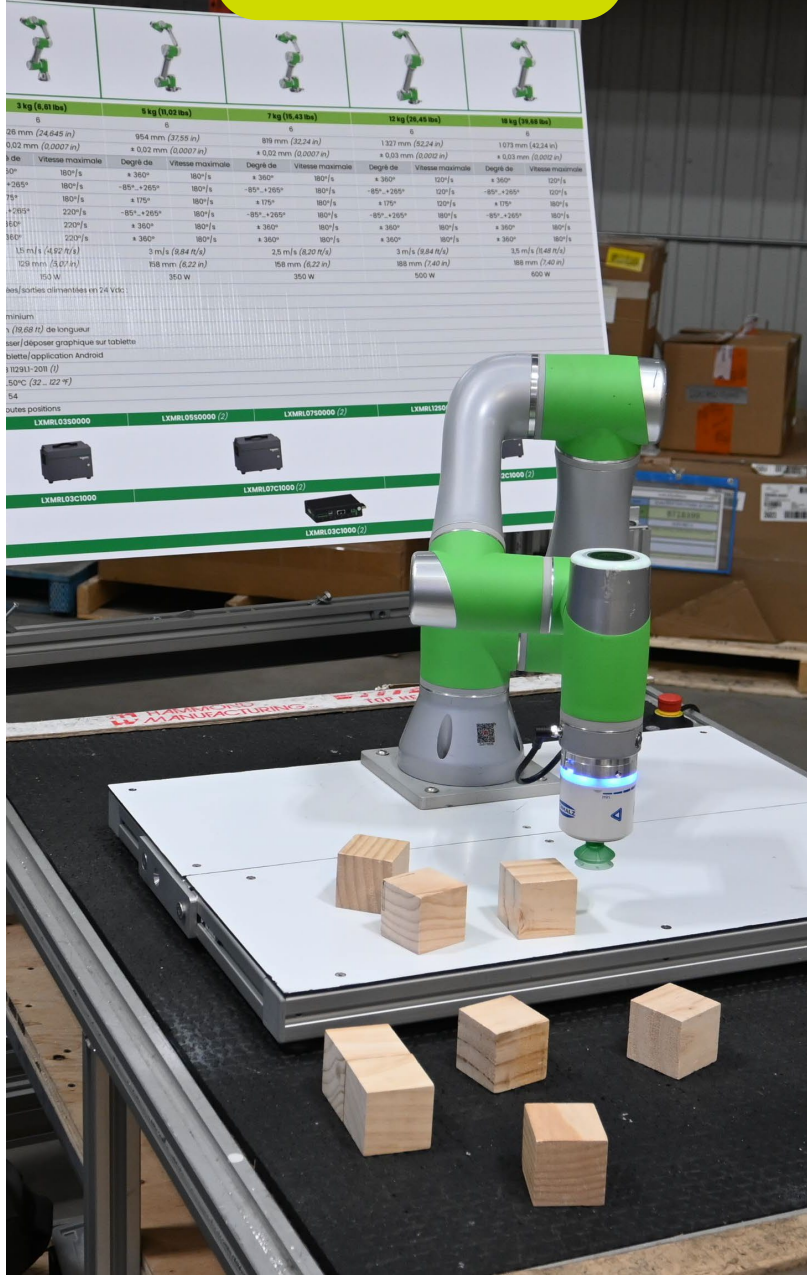
▪ Integration

▪ Programming

▪ Optimization

 **Bectrol**
Authorized Distributor

LEXIUM



DELTA



GANTRY



A photograph of an electric vehicle (EV) charging station. The charging cable is plugged into the car's charging port. The car is a silver sedan, and the charging station is a dark grey color. The background is slightly blurred, showing a parking lot and some trees. The text "EV CHARGING INFRASTRUCTURE" is overlaid in the center of the image in a bold, black, sans-serif font.

EV CHARGING INFRASTRUCTURE

What got us started was the

Largest EV taxi fleet in Canada



Taxi

Project



2017

Design, manufacturing and certification of our first DCFC 50kw leveraging cutting-edge IES power modules technology.



2024

Back in the DCFC with the **180kw** Utilizing our lean-driven manufacturing processes, we accelerate time-to-market without compromising our steadfast dedication to upholding the highest quality standards

FAST CHARGING STATION S120-180

KEYWATT®

Made and
certified in



High-Speed Charging

Capable of delivering up to 180 kW or dual 90 kW charging simultaneously

Improved Reliability

Superior design ensuring enhanced reliability for seamless charging experiences

Made in Canada

Adapted and fabricated in Canada by Bectrol, making it one of the only canadian-made fast charging product

Smart Monitoring

Empowered by KCS Software, offering advanced monitoring options for optimal station management

Universal Compatibility

Designed to support every electric vehicle, ensuring inclusivity in charging capabilities

Dual Connectivity

Equipped with double modems (3G/4G) for increased uptime and connectivity reliability



DEDICATED SOLUTION FOR CHARGING INFRASTRUCTURE

BECAUSE YOU NEED ONE FOR EVERY EV INFRASTRUCTURE SITE



Ultra-robust design



Simplified installation



Competitive lead time



Custom made

Introducing

VOLTLINE

400 to 1600 A



COMPONENTS & SPEC SHEET



1. NEMA 3R enclosure
2. Entry circuit breakers
3. Metering panel
4. Rear service cabinet
5. Busbar connection
6. Circuit breakers for L2 & L3 charging stations
7. Stainless steel base

Electrical

Voltage	600 / 347 Vac
Current	400 to 1600 Amp
Frequency rating	60 Hz
AC input connection	3-Phase / L1 / L2 / L3 / Neutral / GNG
Internal connection	Busbar
Voltage circuit	480 Vac / 208 Vac / 120 Vac
SCCR	50 kA
Breakers for EV chargers	Customizable
GFCI outlets	1

Physical

Dimensions (HxLxP)	86,6" x 94,5" x 31,5" 2200mm x 2400mm x 800mm
Weight	1 500 lbs / 680 kg
Operating temperatures	-49°F to 113°F / -45°C to 45°C
Cooling	Heating & heat dissipation

Environment, Compliance & Safety

Enclosure	NEMA 3R indoor/outdoor electrical cabinet
Material	Painted steel cabinet / Painted stainless base
Electrical code	Designed for NFPA70 / NEC2020
Certifications	SPE 1000 / CSA in progress

Interface & Monitoring (under development)

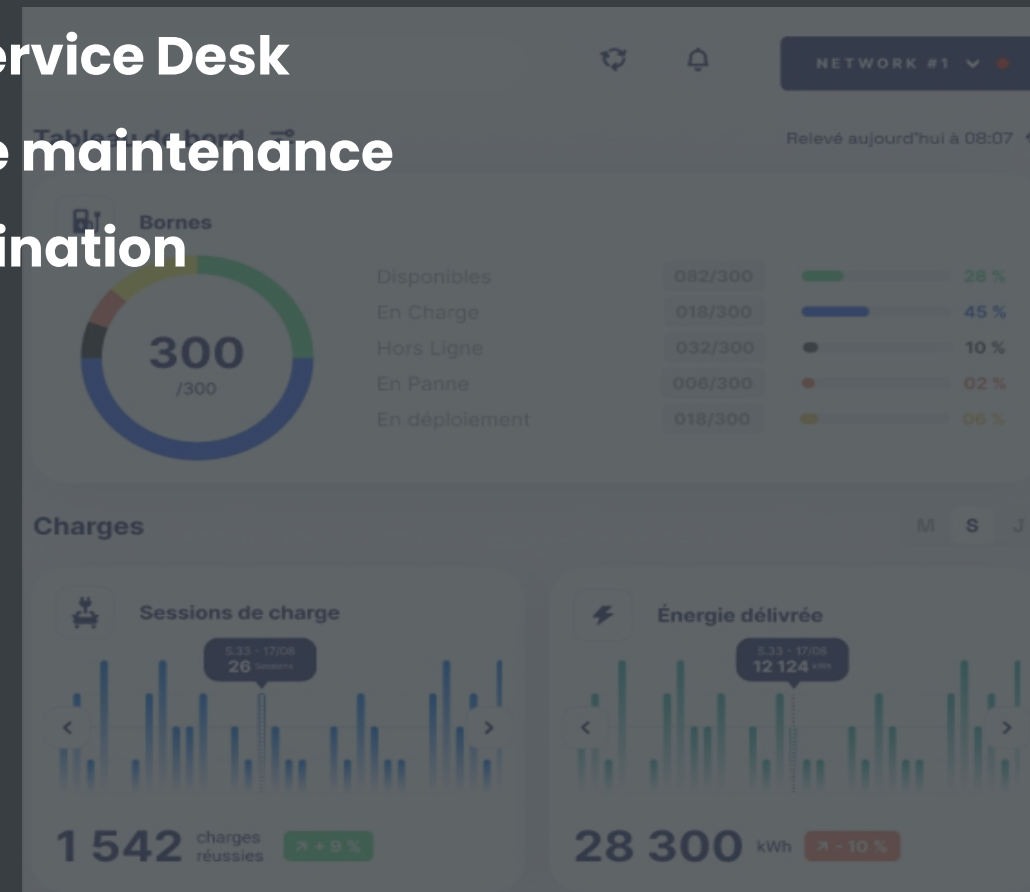
Remote connectivity	Ethernet / Cellular modem
User interface	Web based / Remote user interface
Web interface	Edge®, Chrome OS®, Firefox®
Transaction summary	Average power / Voltage / Current / Accumulated energy each post / Harmonics



Aftermarket Excellence

Robustness, reliability, predictability

- **Spare Parts Services**
- **Customer Service Desk**
- **Preventative maintenance**
- **Grant Coordination**
- **Formation**




KEYWATT Charging Accueil

Rechercher une borne

Relevé aujourd'hui à 08:07

Tableau de bord


Bornes



Disponibles	082/300	28 %
En Charge	018/300	45 %
Hors Ligne	032/300	10 %
En Panne	006/300	02 %
En déploiement	018/300	06 %


Charges

Sessions de charge



1 542 charges réussies +9 %

Énergie délivrée



28 300 kWh -10 %

Optimisez votre réseau

Optimisez l'affichage de vos bornes sur la carte !

Moins de 20% de vos bornes sont localisées. Complétez leurs informations pour les retrouver sur la carte.

[Compléter les informations](#)

Une nouvelle mise à jour est disponible, gardez vos bornes à jour !

45 bornes peuvent être mises à jour pour embarquer les derniers correctifs et évolutions.

[Voir les bornes](#)

Optimisez vos bornes sur la carte !

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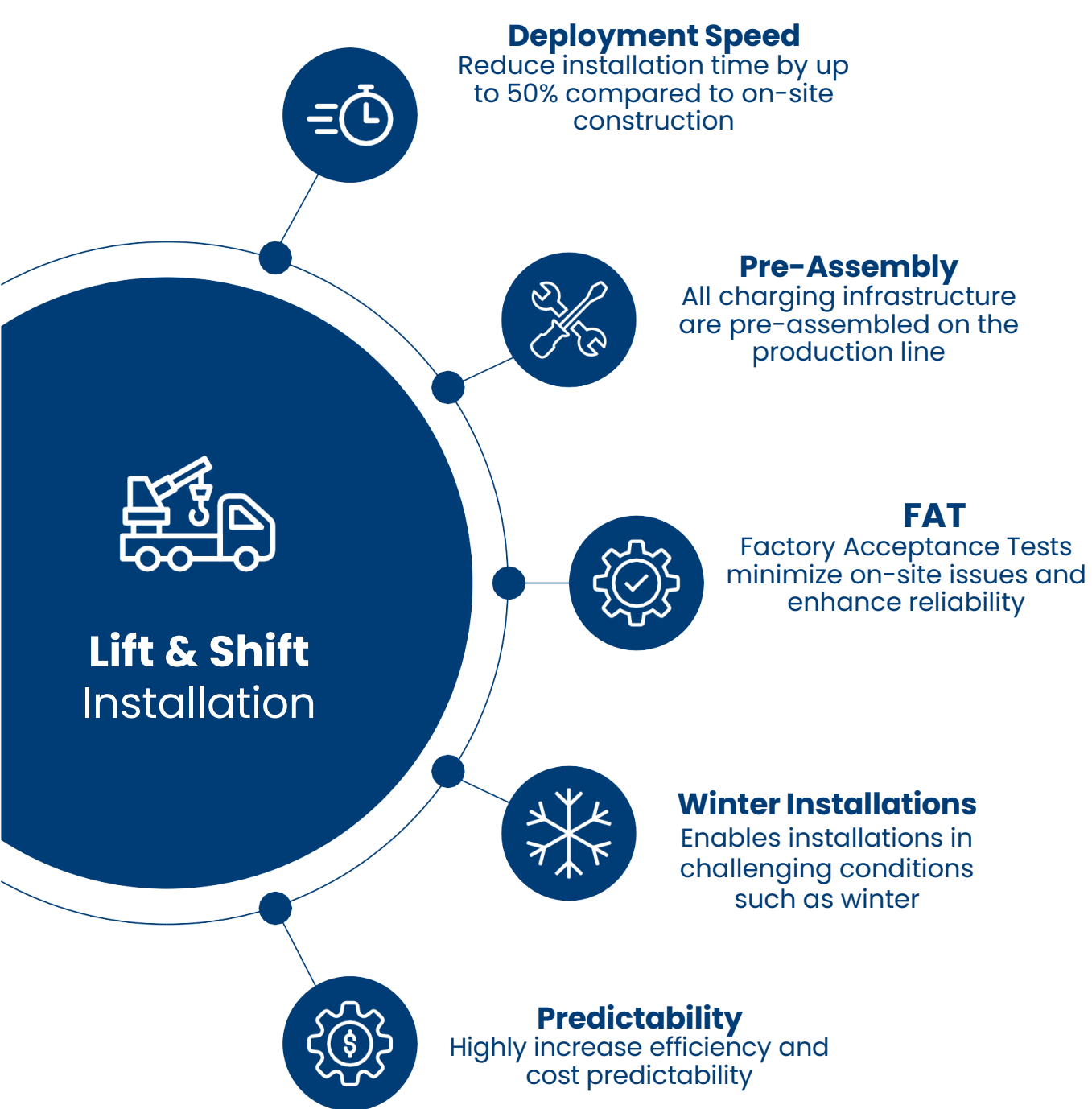
[Compléter les informations](#)

Rechercher une borne

Bornes

Filtres

Statut	ID	Réseau	Groupe	Chargeur	Connecteurs
<input type="checkbox"/>		Polygone-07 0987 - 0436 - 1527 15619A00001305	Agglomération Montpellier, Carrefour...	KEYWATT S24	
<input type="checkbox"/>		Parking #12 0987 - 0436 - 1527 15619A00001305	Commande n°27EE93	KEYWATT S50	
<input type="checkbox"/>		M-b-j Polygone-17 0987 - 0436 - 1527 15619A00001305	Commande n°30JE89, Carrefour - #012	KEYWATT W24	
<input type="checkbox"/>		M-b-j Antigone-20 0987 - 0436 - 1527 15619A00001305	Commande n°98ZZ85, Carrefour - #013	KEYWATT W24	
<input type="checkbox"/>		M-b-j Mercedes-02 0987 - 0436 - 1527 15619A00001305	Grand Anancy	KEYWATT S24	
<input type="checkbox"/>		M-b-j Carrefour-77 0987 - 0436 - 1527 15619A00001305	Commande n°98ZZ85	KEYWATT S180	
<input type="checkbox"/>		M-b-j Polygone-07 0987 - 0436 - 1527 15619A00001305	Agglomération Montpellier, Carrefour...	KEYWATT W24 - ...	



OUR ACHIEVEMENTS





André Desroches
CEO

(514) 212-6039
andre.desroches@bectrol.com



Claude Brodeur
Director of Fabrication &
Distribution / Associate

(450) 230-2869
claude.brodeur@bectrol.com



Mario Sevigny
VP Sales, Marketing &
Business Development

(514) 293-7326
mario.sevigny@bectrol.com