

DATA CENTRE PRODUCTS & SERVICES



DATA
CENTRES

**Connecting Data,
Powering Success.**



Nexans
ELECTRIFY THE FUTURE

Nexans Canada **Driving Electrification in a Sustainable Way**

Nexans is a **global player in energy transition**. Our purpose is to **Electrify the Future** and work towards a new world of **electrification** — safer, sustainable, renewable, decarbonized and accessible to everyone.

We offer high performance cables and innovation solutions for Residential, Commercial, Industrial, Renewable and Utility markets.

We have manufacturing plants in Fergus, ON, Weyburn, SK and Montreal, QC.

We are proud to be a Canadian cable manufacturer for over 110 years.

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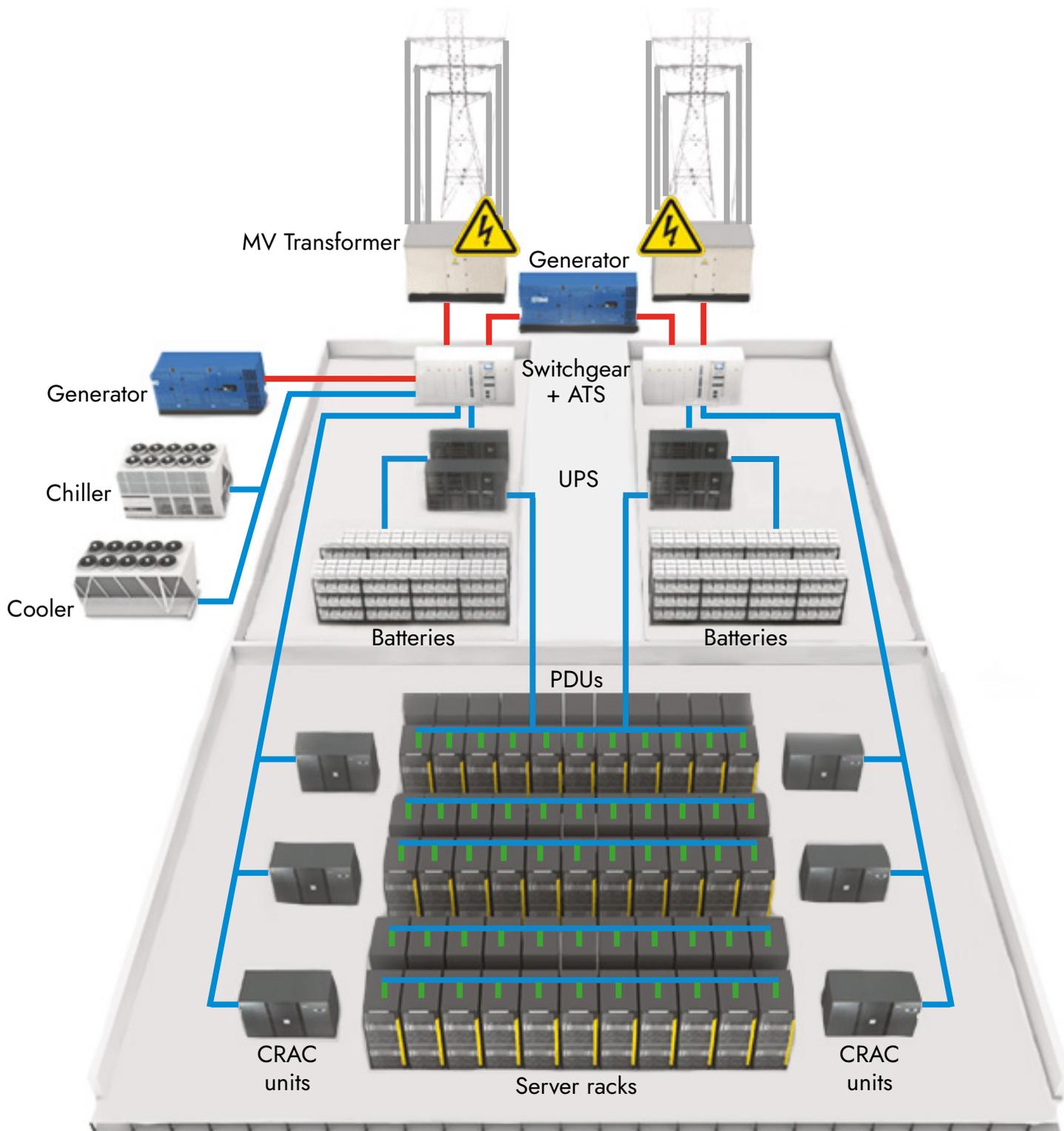
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Data Centre Cables

Nexans Canada manufactures cables for all your data centre needs.





NEXANS CABLES

	Incoming Utility	Service Entrance	Feeders	Server Racks
 <p>ASC/ACSR Bare aluminum overhead conductors</p>	✓			
 <p>Medium Voltage Armoured Power Cable 5 kV to 15 kV copper conductors</p>	✓			
 <p>TECK90 600V to 1 kV single or multi-conductor armoured power cable</p>		✓	✓	
 <p>DRIVERX® VFD 1 kV variable frequency drive cable</p>			✓	
 <p>ACWU90 600V armoured power cable with aluminum conductors</p>			✓	
 <p>RW90* 1 kV thermoset insulated single copper conductors</p>		✓	✓	✓

- *RWU90 and RW90 Tray Cables available
- Extensive CSA-listed low voltage and medium voltage cable portfolio
- FT1 / FT4 options available
- -40C rated cables available
- All cables are designed and manufactured in ISO 9001:2015 and ISO 14001:2015 certified sites
- Made in Canada

Data Centre **Services**



ENGINEERING SERVICES

Secure & Optimize Your Design

- **Advanced Technical Assistance**
 - **Cable selection and installation support** to better understand what cables can be used and how they can be installed
 - **Codes and standards interpretation and understanding** for safe and compliant electrical designs in Canada
 - **Installation and cable issue investigation**
- **Electrical Design Optimization**
 - **Cable sizing and thermal studies** to optimize your project CAPEX and OPEX
 - **Pulling tension calculations** to plan pulls with safety and efficiency in mind
 - **Custom cable design and cost-effective solutions** for unique requirements
- **On-site Support and Training**
 - **Site visits and installation observation** for site-specific requirements
 - **Cable field testing support** for acceptance and maintenance testing
 - **Technical training** for consultants, engineers and installers



SUPPLY CHAIN SERVICES

Secure Supply & Control Risks

- **Prioritized plant capacity allocation** to guarantee shortest lead time
- **Dedicated project monitoring and on-site shipments** to secure on-time-delivery
- **Customized cable length** including cuts and reel optimization
- **Metal hedging** to mitigate risk of price volatility to ensure on-budget projects
- **Local dedicated teams & plants** with high reactivity at every stage of the project for trouble free project execution

Sustainability



ENVIRONMENT

Reduce Environmental Impact

- **Full transparency to measure products environmental impact**

- +90% Nexans products covered by certified Environmental Product Declarations (EPDs)
- Access to EPD data directly accessible through Nexans website
- CO₂ quotation per project available on demand



- **Low carbon products with CO₂ footprint reduced up to 40%**

- Minimum 14% recycled copper in Nexans products
- 100% "Low carbon" Aluminum in conductor
- Responsibly produced copper guaranteed through the Copper Mark certification



- **Benefits of Made in Canada production**

- Reduced GHG emission in Nexans plants with -46% scope 1&2 emission between 2019 and 2024
- Optimized transport with local production and optimized Road/Rail routes
- Longer lifespan with high standard CSA products produced with best-in-class compounds





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NEXANS CANADA

55 Commerce Valley Drive West Suite 700
Thornhill, ON L3T 7V9
1-800-268-9473
1-800-263-2112 (French)
www.nexans.ca

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Want to learn more?
Scan to access the webinar to
"Exploring Wire and Cable
Used in Data Centres"



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