

# Intelligent Transportation Systems

Networking, Cabling, Lighting, Security, Solar & Wireless Solutions





# Graybar Canada Serves Intelligent Transportation Systems/Roadway

- Municipal, Provincial, and Federal
- Transit Authorities
- Rail Services
- Airports
- Port Authorities / Ports of Call
- Contractors that specialize in the transportation industry



## Solutions/Applications/Products

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| <ul style="list-style-type: none"> <li>• In the Building</li> <li>• At the Management Center</li> <li>• Infrastructure/Plant</li> <li>• Enclosures</li> <li>• Communication Electronics</li> <li>• Power Management</li> </ul> | <ul style="list-style-type: none"> <li>• Networking</li> <li>• Cabling</li> <li>• Lighting</li> <li>• Security</li> <li>• Solar Solutions</li> <li>• Wireless Solutions</li> </ul> |
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## Your Success is Our Highest Priority

Our goal is simple. We listen to what you need, we connect you to the right solution and then we deliver on our word. We offer a wide range of services to help you get the job done, including:

- Personal assistance from our dedicated sales representatives who understand intelligent transportation systems.
- Solution and design recommendations from our technology Specialists
- Superior customer service from employee owners
- Start-to-finish attention to detail that helps you manage your most complex projects for maximum efficiency





## About Graybar Canada

Graybar Canada, an employee-owned company, is a wholesale distributor for thousands of items from leading manufacturers of electrical and communications & data products. Headquartered in Halifax, Nova Scotia, Graybar Canada operates over 30 locations across the country and is organized into specialized product divisions: Electrical Supply, Industrial/Automation, Lighting, Comm/Data, Utility, Security, and Oil & Gas. Graybar Canada's trained specialists and top-quality products enable them to provide customers with a complete solution.

Committed to quality through its customer service, products, supply and distribution, and performance, Graybar Canada is a subsidiary of Graybar Electric Company Inc., a Fortune 500 company, and one of the oldest and largest American electrical distributors.

Graybar Canada's wire and cable is centered at the national wire & cable warehouse located in Markham, Ontario. With more than 70,000 square feet of warehouse space and the ability to cut master reels up to 15,000 lbs, the national wire & cable warehouse is a key part of Graybar Canada's national operations.

### **What can Graybar Canada Offer You?**

- An extensive network of locations - over 30 stocking locations across Canada
- Convenient counter service, showroom displays, and wireless Internet access for customers
- Dedicated, experienced, and skilled staff including solutions specialists
- Diverse product line with a multitude of leading brands
- 24-Hour emergency services
- Dependable shipping and delivery and custom delivery including drop shipments
- On-site customer training facilities
- Product staging and kitting
- Inventory management
- Project management





# Technology Specialists

Graybar Canada Technology Specialists help solve problems and provide solutions to power and network transportation systems with speed, intelligence, and efficiency.

- **Networking:** Internet, Ethernet, IP and Broadband
- **Security:** Cameras (IP), Cameras (Analog), Image Recording and Storage, Intrusion, Access Control, and Audio Visual Notification
- **Automation:** Process Control and Monitoring
- **Voice:** Voice over IP (VoIP)
- **Lighting:** Energy Savings Lighting Retrofit Projects
- **Data Centers:** Energy Savings, Power, Connectivity, Cooling, and Security
- **Wireless:** WiFi, Mesh Networks, Distributed Antenna Systems and Asset Management
- **Building Infrastructure:** Structured Cabling, Fiber Optics and Power
- **Power:** Distribution and Safety Monitoring



## The Difference is Our Service

At Graybar Canada, customer service is paramount. Below is just a sampling of the many value-added services Graybar Canada offers its customers.

- **Extensive Product Offering:** At Graybar Canada, we offer a wide variety of products for ITS applications - including poles, lighting, cabling, hardware, transmission equipment, security and power.
- **Wire Management Services:** Graybar Canada can help with pre-buy negotiations, staging and storage, cutting and paralleling, prepared reels and stands for job sites.
- **Leasing Options:** We have leasing options so you can go get the job done. Contact us for details.
- **eChannel Solutions:** Graybar Canada's eChannel solutions offer electronic data exchange and provides technology-enabled services that support each stage of the procurement process.
- **On-Site Services:** Graybar Canada can provide several material management options.
- **24/7 Emergency Services:** You can reach us even if our offices are closed by calling 1-800-GRAYBAR



# ITS Products/Solutions

Graybar Canada is an industry leader in networking, cabling, lighting, security, solar solutions, wireless solutions and much more. For a detailed list, full product line cards are available. Ask about our full solutions in the following categories.

## Featured Manufacturers

### Cabling

#### IMSA Cable

- Signal Types 19-1 & 20-1
- Self-Supporting Signal Types 19-3 & 20-3
- Loop Lead in Type 50-2
- Loop Types 51-1 & 51-3
- Loop in Duct Types 51-5 & 51-7
- Signal & Comm. Types 19-2, 20-2, 39-2 & 40-2
- Self-Supporting Signal & Comm. Types 19-4, 20-4, 39-4 & 40-4
- Direct Burial Signal & Comm. 19-5, 20-5, 19-6 & 20-6
- Aerial Self-Supporting Types 26-3, 28-3, 29-1, 29-2, 29-3 & 29-4



#### Fiber Optic Cable

- Loose Tube
- Indoor/Outdoor
- Standard Drop Cable
- Ribbon Cable
- ADSS
- Hybrid
- Micro Cable



### Lighting

- Roadway (Cobraheads)
- Decorative Streetscape (Post Tops)
- Interchange (High Mast)
- Offset (Lighting roads with poles up to 40' away)
- Tunnel/Underpass
- Bridge/Overpass
- Area Lighting (Sitelights, Floodlights)



### Security

- Security Video
- Access Control
- Intrusion Systems
- Audio, Visual & Notification
- Cable, Connectivity & Accessories
- Ethernet & Wireless Networking
- Media Conversion
- Power Solutions
- Tools & Test Equipment
- Cabinets & Racking



# ITS Products/Solutions

## Featured Manufacturers

### Safety

- Eye Protection
- Respiratory Protection
- Hearing Protection
- General Safety
- Arc Flash Protection
- Gloves
- Safety Tools
- Identification and Signage
- Lock Out/Tag Out
- Signaling and Warning Devices
- Facility Safety
- Safety Accessories
- Emergency 2-way Communication



### Supporting Outside Plant Hardware

- Handholes/Vaults
- Pole Line Hardware
- Splice Case
- Marking and Location
- Fusion Splicers
- OTDRs
- Voltage Detectors
- Fault Location
- Warning Tape
- Signs
- Grounding



### Networking Electronics, Power and Enclosure

- Custom Enclosures Fabrication
- Managed Switching
- Optical Transport (GigE)
- AC and DC Power Solutions
- Solar Backup Panels
- Call Boxes
- Test Equipment
- Control Cabinets
- Data Center/Core Routing
- Wireless



# Quick Reference: ITS/Roadway/Networking Solutions



## **In-Building Management**

### **Data Centre Solutions**

Belden  
Chatsworth  
Corning  
Eaton  
Panduit

### **Racks, Cabinets, and Cable Management**

Belden  
Chatsworth  
Middle Atlantic  
Panduit

### **Structured Cabling and Copper Connectivity/Assemblies**

Belden  
CommScope  
Hubble  
Panduit  
TE Connectivity

### **Fiber Optic Cable and Assemblies**

Belden  
Corning  
CommScope  
Panduit  
TE Connectivity

### **Networking Electronics**

Garretcom  
Hirschmann  
Interlogix  
Transition Networks

### **Wireless Electronics**

*Antennas, Cabling and Connectivity*  
Wade

*Distributed Antenna Systems*  
CommScope

*Weatherproofing*  
3M

*Broadband, Microwave*  
Fluidmesh  
Proxim

**Power Management and Protection (In Building)**  
Eaton

### **Infrastructure, Plant, Powering and Enclosures**

**IMSA Cable/Coaxial Cable**  
Belden

**Fiber Optic Cable**  
Corning

**Cabinets**  
Charles

**Aerial "Pole Line" Hardware**  
HPS  
Preformed Line Products  
Thomas & Betts  
TE Connectivity

**Splice/Closures**  
3M  
Preformed Line Products  
TE Connectivity

**Duct**  
Arnco/Duraline  
Endot

**Vaults/Handholes**  
Armorcast  
CDR  
Quazite

**Lighting**  
Acuity

Cooper Lighting by Eaton  
GE Lighting  
Holophane  
Lithonia

**Power Distribution**  
*Pedestals*  
Milbank

**Security Video**  
Milestone  
Mobotix  
Pelco

**Test Equipment**  
3M  
Corning  
Fluke Networks

**Tools and Consumables**  
Greenlee  
IDEAL  
Jameson  
Klein  
Polywater

**Safety**  
2N  
3M  
ArcGear  
Brady  
Novax  
PMMI

**Power**  
GE Energy

**Call Boxes**  
2N  
Gai-TRONICS  
Viking

**Solar Power**  
Crouse-Hinds by Eaton

# Branch Locations



## GRAYBAR CANADA CORPORATE HEAD OFFICE

P.O. Box 9078, Station "A"  
3600 Joseph Howe Drive  
Halifax, NS B3K 5M7  
Tel: (902) 457-8787  
Fax: (902) 445-5808

## ATLANTIC CANADA

Atlantic Regional Office  
260 Brownlow Avenue  
Dartmouth, NS B3B 1V9  
Tel: (902) 457-8788  
Fax: (902) 457-8714

## NOVA SCOTIA

Bridgewater  
P.O. Box 356  
108 Logan Road  
Bridgewater, NS B4V 2W9  
Tel: (902) 543-9155  
Fax: (902) 543-5137

Dartmouth  
260 Brownlow Avenue  
Dartmouth, NS B3B 1V9  
Tel: (902) 468-6665  
Fax: (902) 468-2696

Halifax  
P.O. Box 9078, Station "A"  
3600 Joseph Howe Drive  
Halifax, NS B3K 5M7  
Tel: (902) 443-8311  
Fax: (902) 443-5171

Kentville  
9 Roscoe Drive  
Kentville, NS B4N 3V7  
Tel: (902) 678-2800  
Fax: (902) 679-1997

New Glasgow  
P.O. Box 695  
136 Terra Cotta Drive  
New Glasgow, NS B2H 5G2  
Tel: (902) 755-4673  
Fax: (902) 752-3881

Sydney  
P.O. Box 159  
1100 Upper Prince Street  
Sydney, NS B1P 5P6  
Tel: (902) 564-5504  
Fax: (902) 562-4536

Truro  
45 Polymer Road  
Truro, NS B2N 6T8  
Tel: (902) 893-4251  
Fax: (902) 893-4806

Yarmouth  
P.O. Box 247  
6 Industry Avenue  
Yarmouth, NS B5A 4B2  
Tel: (902) 742-6771  
Fax: (902) 742-0246

## NEW BRUNSWICK

Bathurst  
1765 Connolly Avenue  
Bathurst, NB E2A 4W7  
Tel: (506) 548-2922  
Fax: (506) 546-1517

Florenceville  
Civic #: 9124  
Route 130  
Florenceville, NB E7L 1Y9  
Tel: (506) 392-6084  
Fax: (506) 392-8314

Fredericton  
P.O. Box 396, Station "A"  
668 Prospect Street  
Fredericton, NB E3B 4Z9  
Tel: (506) 458-8265  
Fax: (506) 452-9753

Moncton  
385 Edinburgh Drive  
Moncton, NB E1E 2L2  
Tel: (506) 853-8188  
Fax: (506) 859-8109

Saint John  
P.O. Box 2480  
300 Charlotte Street  
Saint John, NB E2L 3V9  
Tel: (506) 634-2094  
Fax: (506) 634-8018

## PRINCE EDWARD ISLAND

Charlottetown  
13 Walker Drive  
Charlottetown, PE C1A 8S5  
Tel: (902) 566-1404  
Fax: (902) 566-4065

## NEWFOUNDLAND & LABRADOR

Corner Brook  
P.O. Box 762  
356 O'Connell Drive  
Corner Brook, NL A2H 6G7  
Tel: (709) 632-7315  
Fax: (709) 632-2451

Grand Falls  
P.O. Box 417  
4 Bayley Street  
Grand Falls-Windsor, NL A2A 2J8  
Tel: (709) 489-4161  
Fax: (709) 489-4424

St. John's  
P.O. Box 8626, Station "A"  
47 Pippy Place  
St. John's, NL A1B 3T1  
Tel: (709) 722-6161  
Fax: (709) 722-8886

Wabush  
P.O. Box 1049  
4 First Street  
Wabush, NL A0R 1B0  
Tel: (709) 282-3555  
Fax: (709) 282-3554

## CENTRAL CANADA

Central Regional Office  
PO Box 1000  
130 Hayward Avenue  
Kitchener, ON N2C 2E4  
Tel: (519) 576-4050  
Fax: (519) 576-2402

Guelph  
494 Massey Road  
Guelph, ON N1K 1B4  
Tel: (519) 821-2580  
Fax: (519) 821-2731

Hamilton  
85 Morley Street  
Hamilton, ON L8H 3R8  
Tel: (905) 547-8040  
Fax: (905) 547-3332

Kitchener  
130 Hayward Avenue  
Kitchener, ON N2C 2E4  
Tel: (519) 576-4050  
Fax: (519) 576-2402

Markham  
2750 John Street  
Markham, ON L3R 2W4  
Tel: (905) 752-0767  
Fax: (905) 752-0782

Mississauga  
5895 Whittle Road  
Mississauga, ON L4Z 2H4  
Tel: (905) 507-0533  
Fax: (905) 507-1574

Niagara Falls  
7000 Kinsmen Court  
Niagara Falls, ON L2E 6S5  
Tel: (905) 374-1113  
Fax: (905) 374-1175

Ottawa  
1730 Bantree Street, Unit 2  
Ottawa, ON K1B 3W4  
Tel: (613) 688-0124  
Fax: (613) 688-0125

Sudbury  
2354 Maley Drive, Unit 103  
Garson, ON P3L 1P7  
Tel: (705) 521-0089  
Fax: (705) 521-0297

Windsor  
2760 Deziel Drive  
Windsor, ON N8W 5H8  
Tel: (519) 944-4414  
Fax: (519) 944-6166

## WESTERN CANADA

Western Regional Office  
2765 - 48th Avenue NE, Unit 105  
Calgary, AB T3J 5M9  
Tel: (403) 250-5554  
Fax: (403) 250-2050

Calgary  
2765 - 48th Avenue NE, Unit 105  
Calgary, AB T3J 5M9  
Tel: (403) 250-5554  
Fax: (403) 250-2050

Edmonton  
#101, 18020-105 Avenue  
Edmonton, AB T5S 2P1  
Tel: (780) 701-4530  
Fax: (780) 481-1139

Vancouver  
Unit 115, 6741 Cariboo Road  
Burnaby BC V3N 4A3  
Tel: (604) 676-4400  
Fax: (604) 676-4405