



Maintain Uptime of Critical Infrastructure: Protecting Assets, Preventing Failures, Minimizing Damages, and Ensuring Operational Excellence

For over two decades, Acronym Solutions has been a trusted partner in Ontario's power and utility sector—designing, managing, and deploying advanced telecommunications solutions for a wide range of power systems.

What Is Teleprotection?

Teleprotection allows monitoring and management of the power grid, supporting secure and seamless operations. By isolating faults and preventing damage, it enables rapid disconnection from the broader power network when necessary. This capability ensures minimal disruptions and enhances grid reliability.

At its core, Teleprotection Carrier Service is a robust telecommunication solution that bridges communication between power system protection systems, facilitating the coordination of line protection relays.

How It Works

Acronym's **Teleprotection Carrier Service** is a **Point-to-Point Digital Telecommunications Channel (DTC)** that links customer sites with transformer stations and/or any other relevant locations. The service is an integral part of the total protection system, leveraging advanced telecommunications to optimize Teleprotection applications, as well as enhancing safety, efficiency, and reliability.

Key Features and Benefits

Flexible Access Options

- Supports both **wired and wireless** network connections
- Accessible to diverse media, including **dark fibre, optical wavelength services**, and **licensed wireless microwave frequency**
- Built-in **redundancy** and **high availability** with diverse media options to ensure uninterrupted critical operations

Fully Managed Service

- End-to-end service, including **design, deployment**, and **installation** of telecommunications infrastructure
- **Proactive management, monitoring, troubleshooting**, and **24/7/365** support, ensuring **maximum uptime** and operational **peace of mind**

Resilient and Reliable Connectivity

- **Dedicated point-to-point connections** with predefined physical paths
- Fully **redundant options** (where available) for fault-tolerant performance

Future-Ready Technology

- Supports **fibre optic media** for stable and secure connectivity
- Designed to accommodate evolving industry requirements and technologies

Expertise in Power Systems Telecommunications Services

- As a wholly owned subsidiary of **Hydro One Limited**, Acronym Solutions has a proven history of delivering a wide range of telecommunications solutions for power systems
- Backed by Ontario's largest electricity transmission and distribution network

Industry-Leading Service Level Agreements (SLAs)

- With **credit-backed guarantees** for availability

24/7/365 Support Desk

- **Around-the-clock technical assistance** and rapid response to critical needs



Technical Specifications

Category	Description
Equipment	RFL IMUX or GE JMUX Multiplexers
Interface Protocol	T1/DS1 or DS0
Access Technology	Dedicated Fibre, Optical Wavelengths, Licensed Digital Microwave Radio

Service Level Agreement (SLA)

Parameter	Specification
Network Availability	99.99% (Protected) 99.7% (Unprotected)
Mean Time to Repair (MTTR)	4 Hours
Support	24/7/365

Complete Teleprotection Communication Solution

Acronym Solutions offers a complete and reliable Teleprotection Carrier Service tailored to the evolving needs of the power and utility sector.



Why Choose Acronym Solutions?

With a legacy of delivering high-performance telecommunications solutions for the power and utility sector, Acronym Solutions is your trusted partner for **secure**, **resilient**, and **future-ready** Teleprotection Carrier Services. We can safeguard your critical infrastructure while you benefit from trusted expertise and industry-leading performance. Ensure your operations are always on, always protected.

To learn more about our Teleprotection Carrier Service, contact us at: Sales@AcronymSolutions.com

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