

CASE STUDY FINCH WEST LIGHT RAIL TRANSIT (FWLRT)

Safety at Every Stop

Greater Toronto Area | Industry: Transit

Description

Linkwave deployed **Public Safety DAS (Distributed Antenna System)** for the Finch West Light Rail Transit (FWLRT) project in Toronto. To ensure uninterrupted communication for the City's first responders, we engineered a high-performance **Hybrid Fiber/Coax architecture**. This solution provides comprehensive indoor and outdoor coverage across the line's critical infrastructure, ensuring that Toronto Police, Fire, and EMS maintain crystal-clear radio contact in environments where standard signals often fail.

Our mission-critical deployment meets the rigorous standards of Toronto's emergency services, providing the reliable wireless backbone necessary for passenger safety and operational excellence.

Project Specifications

Type	Details
Solution	Public Safety Radio
System Type	Indoor Coverage (DAS)
Industry	Transit
Technology	Public Safety <ul style="list-style-type: none"> Public Safety Radio
Operators/Carriers	<ul style="list-style-type: none"> Toronto Police/Fire/EMS
Solution Architecture	Hybrid Fiber/Coax

About Finch West Light Rail Transit

- FWLRT replaces 36 Finch West buses along one of Toronto's busiest routes
- This line features zero-emission light rail vehicles that run on electricity
- The new maintenance and storage facility is a massive hub designed to house and service 18 vehicles