CASE STUDY UNION STATION TRAIN STATION

Safeguarding Toronto's Most Vital Hub

Toronto, ON | Industry: Transit

Description

As the primary gateway to Canada's largest city, Toronto's Union Station is a National Historic Site that serves over 300,000 travelers daily across a sprawling Beaux-Arts complex. To ensure the safety of this vital transit artery, Linkwave was tasked to implement a mission-critical Public Safety Indoor DAS. The specialized solution was designed to overcome the RF challenges posed by the station's building materials and underground dead zones.

The project utilized a high-performance Hybrid Fiber/Coax DAS architecture to provide seamless, facility-wide coverage for Toronto Police, Fire, and EMS. This infrastructure supports essential Public Safety Radio, Operations Radio, and Paging systems across the entire train station.

Project Specifications

Type	Details
Solution	Public Safety Radio
System Type	Indoor Coverage (DAS)
Industry	Transit
Technology	Public Safety • Public Safety Radio
Operators/Carriers	• Toronto Police/Fire/EMS
Solution Architecture	Hybrid Fiber/Coax DAS

About Union Station Train Station

- First official opening of Union Station took place on August 6th, 1927
- Over 300,000 commuters walk through Union Station daily
- Union Station is the "southern anchor" of the PATH – A vast underground walking pathway that connects to many different districts within the city