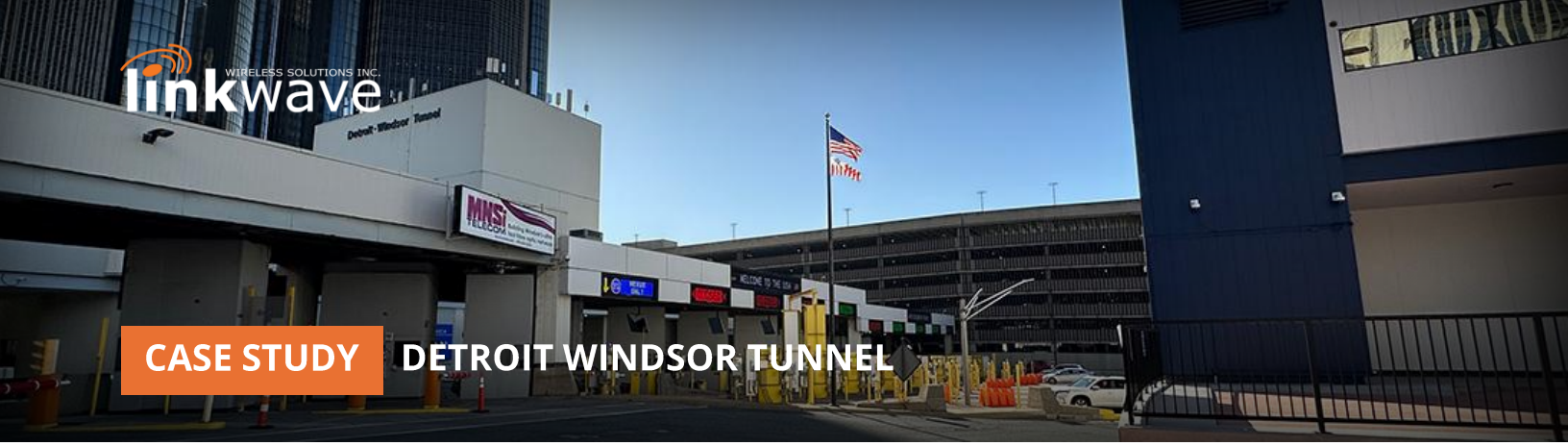

CASE STUDY DETROIT WINDSOR TUNNEL

Connecting First Responders Underground

Greater Toronto Area | Industry: Transit

Description

Linkwave deployed a robust Public Safety Indoor Distributed Antenna System (DAS). Utilizing a Hybrid Fiber/Coax architecture, the system ensures seamless, high-reliability coverage throughout the tunnel's unique geography, bridging the gap between Windsor, ON, and the United States border.

This specialized infrastructure provides dedicated support for essential agencies, including the Ontario Provincial Police (OPP) and the Ministry of Health. By integrating advanced Public Safety Radio technology, Linkwave has ensured that first responders maintain uninterrupted contact during emergency operations and routine transit monitoring.

Project Specifications

Type	Details
Solution	Public Safety Radio
System Type	Indoor Coverage (DAS)
Industry	Transit
Technology	Public Safety Radio
Operators/Carriers	• Ministry of Health • Ontario Provincial Police
Solution Architecture	Hybrid Fiber/Coax

About Detroit Windsor Tunnel

- Detroit Windsor Tunnel was built in 1930
- The tunnel features a massive ventilation system that replaces the air inside every 90 seconds
- When it first opened, the original roadway was paved with two million granite blocks before being replaced by modern asphalt in 1977