

CASE STUDY | MACDONALD BLOCK RECONSTRUCTION

Modernizing Building Heritage

Toronto, ON | Industry: Government

Description

The Macdonald Block Reconstruction is a landmark modernization of the Ontario government's central administrative campus, transforming four iconic heritage towers into a high-performance workspace. To support this digital transformation, Linkwave deployed an **Active DAS** that provides coverage throughout the facility. This infrastructure provides seamless **LTE** and **5G** connectivity for **Bell**, **Telus**, and **Rogers**, ensuring uninterrupted digital operations for thousands of public servants.

Beyond commercial cellular, Linkwave integrated a mission-critical **Public Safety and Operations Radio** network to ensure maximum resilience for **Toronto Police**, **Fire**, **EMS**, and the **Province of Ontario Radio**.

Project Specifications

| Type | Details |
|-----------------------|--|
| Solution | Commercial Cellular and Public Safety Radio |
| System Type | Indoor Coverage (DAS) |
| Industry | Government |
| Technology | Cellular <ul style="list-style-type: none"> LTE 5G Public Safety <ul style="list-style-type: none"> Public Safety Radio Operations Radio |
| Operators/Carriers | <ul style="list-style-type: none"> Bell, Telus, Rogers, Toronto Police/Fire/EMS, Province of Ontario Radio |
| Solution Architecture | Active DAS |

About MacDonald Block Reconstruction

- MacDonald Block was originally built in 1965
- Developers are tearing down all four (Hearst, Hepburn, Mowat, and Ferguson) back down to their original structural skeletons
- Every single window is being replaced with energy-efficient versions