

Eglinton Crosstown LRT

Organization: Crosslinx Transit Solution Constructors (CTSC)

Technology Focus: Distributed Antenna System (DAS), Schnoor Technology and Sunwave Technology.

Duration of the project: 2017 - Ongoing

The Eglinton Crosstown Light Rail Transit (ECLRT), currently the largest transportation project in Canada, is the cornerstone of the Ontario Government's commitment to invest billions in transportation throughout the province. The \$6.6 Billion ECLRT project is adding a 19 KM corridor of new transit. Above ground, it has 10 LRT stops and two stations planned. More than 10 KM of this project, including 15 stations, are underground.

Cartel, partnering with Crosslinx Transit Systems, is providing in-tunnel and in-building operational public safety radio coverage. It is ensuring these systems will interface/integrate to a variety of networks and sub-systems including the Toronto Transit Commission, the Toronto Emergency Services, and the Integrated Communication System.



To complete this project, Cartel is designing, provisioning, commissioning, and supporting the TETRA 1 Operational Distributed Antenna system (DAS) for the ECLRT's Voice and Data Radio System. The DAS solution, designed for above and below coverage, will be used for emergency, security, patron assistance, operations, and maintenance communications, and includes the supply of Revenue Vehicle mobile radios. Services, and the Integrated Communication System.