



Overview

Millions of commuters use subway systems across the world every day as one of the most convenient ways to travel around busy cities. However, the complexity of these networks—with underground stations and deep tunnels—presents a unique challenge in ensuring continuous communication, especially in an emergency like the event of a fire.

The Challenges

Subway systems have complex tunnel structures built using materials like reinforced concrete and metal, which significantly impact the ability to deliver complete coverage. Additionally, subway operators need to avoid disruptions that impact daily commuters, meaning any system needs easy installation and low maintenance.

The Solution

DragonSkin was extensively deployed throughout the subway system, ensuring robust communication coverage across every route, station, and connecting tunnel. The system was designed to allow complete coverage across the full length of each tunnel, overcoming the challenges usually associated with difficult, tight spaces. Additionally, its intuitive, single product installation approach made it possible to install in overnight blocks to minimize any disruption to regular subway service and commuter schedules.

The Result

The deployment of DragonSkin has established a reliable, fire-safe communications network capable that will continue to operate in the harshest conditions. Additionally, it was achieved with minimal disruption for the subway operator and commuters.



GET IN TOUCH

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