



## CASE STUDY

# Leveraging **WAVE PTX** technology to improve Construction Facade and Wall Cladding works



### Challenges

Our clients' job scope consist of industrial and commercial building as high as 30 storeys and as deep as 3 basements. Multiple radio systems are required to communicate across the site due to range and frequency limitations of traditional RF walkie talkies. As a result, managers find it difficult to relay messages across different sections of the site and would like to have a user-friendly centralized radio system.



### Solutions

Motorola's WAVE PTX platform leverages on the latest Cellular technologies, enabling Island-wide coverage and near limitless capacity for up to 96 Channels and 300 Contacts with the TLK 100i. With a coverage of up to 99.9% outdoors, 99% indoors and blazing fast network speeds, latency is unnoticeable.



### Results

WAVE PTX allowed our client to communicate seamlessly anywhere from the basement to the roof without worrying about location constraints. Pairing with the TLK100i also enhanced ease of operation for all personnel regardless of whether they are working inside the building or operating the crane.



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