

# PROJECT CASE STUDY

## 141 Queen & 140 Elizabeth Street Brisbane

Going above and beyond for our customers

### CLIENT, LOCATION AND SCOPE

Jones Lang LaSalle, Queensland Investment Corporation / Industrial Electrics.

25 Level Office Building with tenancies on each floor complete with Building Management System Network, retail space on lower levels, Medical Suites and Professional Commercial Space.

Installation of a Network Solution to provide the building and the tenants with the capability for the future. To allow tenants with access to high speed internet services, access to streaming & broadcast services combined with the ability of the state-of-the-art Communication Network.

### DESCRIPTION

All Data was contracted to upgrade the network connections within the 25-floor commercial premise. The objective was to transform the building into a smart 'technology hub', perfect for tenants with emphasis on high demand technology and communication requirements.

With the introduction of the NBN Co, upgrading network architecture in any existing or legacy building is typically expensive, labour intensive and disruptive to the existing tenants.



### THE SOLUTION

All Data installed a blown optical fibre micro-ducting, which allows for the upgrading and installing of new Optical Fibre Cables without the need to complete any new building works (refurbish communication risers, fire sealing, etc.) instantly future proofing & giving the building the flexibility of any new fibre installation. Meaning less labour, less disruption to tenants, and being cost effective. It was the ideal solution for this aging building at Queen & Elizabeth Street.

The advantages of this system for Building Managers is that all services can have a network connection: Building Management Systems (BMS), Security Services, Tenant Carrier Services, Building Advertisement, and IPTV network service. In addition for tenants of the building, a MPO Optical Fibre backbone and 10G Category 6A/ Class EA Solution for each Tenancy allowed for the infrastructure management the client was seeking with the ability to low maintenance costs with the modular requirements for future upgrades.

Plus, with uptime being critical to any business, All Data needed to guarantee the network connection was reliable and robust at all times. Utilising a second riser within the building to install additional micro-ducting, ensuring 100% network uptime. By doing so, All Data exceeded the initial objective; delivering end-to-end services with an innovative solution for the building management team.

### PEACE OF MIND

Due to the complex nature of the scope of works, All Data was able to provide a 25-year combined warranty of the products through a partnership with Commscope and Emtelle. The building is now a smart-connected premise, after a seamless installation which enables the flexibility of the network and any future upgrades. Not only does this now allow building management to offer extra services to their tenants, it has now aligned the building with the goal of a sought-after, smart-connected workplace for their clients.