

# FTTP SURVEY, DESIGN AND CONSTRUCT FOR MDUs

Skybridge delivers Fibre to the Premise survey, design and construction services for multi-dwelling units across NSW, VIC and NT.

The key to our success in Fibre to the Premise (FTTP) construction is our ability to track every step of each project we deliver in real time through our Skybridge Information Management Online Network (SIMON).

## REQUIREMENTS

The scope of works included the following:

- Development and ongoing management of HSE plan specifically prepared for this program
- Perform “walk-out” of each fibre service area and report scope of required works back to the client
- Identify Owners Corporations for each Multi-Dwelling Unit (MDU) and issue Survey Notices
- Undertake surveys to capture cabling paths, civil work requirements and any heritage or other constraints
- Developing detailed network design, including schedule of rates and schedule of materials
- Obtain authority approval where constraints are identified
- Submission of MDU designs to our client for approval
- Issuing construction notices
- Management of client-owned stock
- Undertaking construction according to design
- Post installation activities including certification and defect management
- Program governance and reporting

Multi dwelling units are inherently more complex to deliver than single dwellings due to (1) access to multiple premises usually being required, (2) more stakeholders need to be consulted and (3) physical network design is required.

Our analysis of the MDU program showed that in order to successfully complete each multi-dwelling unit installation, 46 milestones must be correctly met, in their correct order. Many companies engaged in this work were doing significant levels of rework because they failed to understand this.

## THE PROCESS

Skybridge’s solution comprises of the following activities:

- Development of detailed process workflows, including data capture requirements, to meet our client’s requirements
- Engagement and training of fibre installation Contractors to perform survey and construction activities
- Procurement of fibre design capabilities
- Configuring SIMON to manage the process workflows, provide progress monitoring capabilities and meet our Client’s reporting requirements
- Client onboarding, including establishment of governance framework, preparation of management plans and business readiness testing

For the MDU program, there are over 30 document templates that may be required during the course of each installation. Rather than relying on the user selecting the correct template and populating it with specific information, SIMON automatically generates correct documentation for each scenario, ready for issue to the appropriate contact. Processes associated with invoicing for the client and the installer are similarly automated for accuracy and efficiency.

## THE RESULT

Skybridge has become a pre-eminent provider of MDU installation services, expanding from one service area (Melbourne) to multiple states and delivering fibre to the premise services to thousands of customers.