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**Temporary Internet Connectivity for Construction Sites
Technical Considerations**

Introduction

Airfibre enjoys strategic relationships with a number of construction companies where it provides connectivity for the duration of projects.

Until recently, construction companies were dependent upon 3G/4G mobile data solutions, which have inherent drawbacks, namely

1. Inconsistent data rates due to variable contention ratios. This is because connections are being shared with others in the same cell that compete for the fixed level of data bandwidth that is available.
2. Intermittent dis-connections.
3. Data cap thresholds that are easily exceeded when transferring large data files such as drawings, etc.

Airfibre addresses these issues and brings additional benefits.

Tailored packages for Construction Companies

Airfibre offers a minimum data rate of 20Mbps. Importantly, these are leased line services that are:

1. Uncontended. You get all the bandwidth you pay for all of the time. No variation in performance based upon third party usage.
2. Fully symmetrical. The upload speed is the same as the download speed. This is important when transferring large data files (such as drawings) and where you are operating in the cloud.
3. Suitable for time sensitive applications including telephony for which QoS can be applied to ensure quality of voice.

Airfibre recognises the specific needs of construction companies and tailors its support services accordingly.

24x7x365 support means that you can get assistance at weekends should you need it along with a 99.95% Service Level Agreement to give you assurance of uptime.

Recognising that construction sites are inherently hostile environments, Airfibre offers a fixed price repair service to reinstate cables, attend to radio misalignment, etc.

Airfibre also accommodates requirements to move infrastructure during phases of construction project where it is necessary to relocate radios.

Health & Safety

Engineers are suitably certified to work on construction sites - Safepass, Working at Heights, etc.

Moreover, Airfibre engineers are familiar with drawing up and working in accordance with the latest requirements for Risk Assessments and Method Statements.

Finally, Airfibre has a bespoke insurance policy with Chubb Europe that provides cover for working on construction sites.

Summary

Airfibre provides construction sites with connectivity that is equivalent to a fibre-optic leased line with the flexibility that construction companies need.

Working on site need be no different to working at head office insofar as communications are concerned.