



Construction

IT infrastructure for project-driven businesses
where downtime has a dollar figure

CMTG.COM.AU



The Reality of IT in This Sector

Construction businesses run projects. Every project has a timeline, a budget, and a set of dependencies that make downtime genuinely expensive. Estimating systems, project management platforms, contract documentation, procurement workflows, and site connectivity all need to work reliably across multiple locations and a mix of office, site, and remote workers. When IT fails on a construction project, the cost is not an inconvenience. It shows up in the programme and the margin.

The Pressure Points

- Project data including estimates, contracts, drawings, and procurement records is business-critical and needs to be protected against loss and ransomware
- Site offices and remote locations need secure, reliable connectivity that does not require complex on-site IT infrastructure
- Project teams move between jobs and locations and need access to systems and files from any device without performance degradation
- Subcontractor and supplier data sharing introduces supply chain security risks that are poorly managed by most construction businesses
- Compliance with principal contractor IT security requirements is increasingly embedded in head contract terms, particularly on government and resources projects
- Growing construction businesses are winning larger projects that require a more robust IT infrastructure than what served them well as a smaller operation

Why Standard IT Falls Short

Most construction businesses have IT that was designed for a smaller, simpler operation.

As the project pipeline grows and the complexity increases, the gaps become operational risks. A cloud backup that has never been tested, a firewall that has not been updated in years, and a support arrangement that responds to calls rather than preventing problems are common in this sector. The question is not whether something will go wrong. It is whether the business can recover when it does.

What CMTG Brings to This Sector

1



CYBER-RESILIENT BACKUP AND RECOVERY:

CMTG's immutable backup platform means project data is protected against ransomware and recoverable within the hour. For a business mid-project, the difference between a one-hour recovery and a three-day outage is a material commercial difference.

2



CONNECTIVITY FOR DISTRIBUTED TEAMS AND SITES:

CMTG provides SD-WAN, ZTNA, and private network connectivity that keeps project teams connected securely from site offices, remote locations, and head office without requiring complex on-site infrastructure at each location.

3



PROACTIVE MANAGED IT:

NOC monitoring, patch management, and endpoint protection across the full environment. Issues identified before they become project-disrupting problems. A Technical Account Manager who knows the business and its current project commitments.

4



SCALABLE CLOUD INFRASTRUCTURE:

As the business wins larger projects and adds staff and locations, CMTG's cloud infrastructure scales without requiring capital investment in physical servers or on-site equipment.

What It Looks Like in Practice

A mid-tier WA construction business managing a portfolio of commercial and civil projects engaged CMTG to address an IT environment that had grown organically and was no longer fit for the scale of the operation.

CMTG deployed a managed IT agreement, migrated the project management and estimating environment to the sovereign cloud platform, implemented Fortinet security across all locations and remote workers, and established tested DR. The business subsequently included CMTG's security credentials in a successful head contract tender response.

Relevant Credentials

1



RECOVERY CAPABILITY:

Sub-1-hour RTO with quarterly-tested DR and immutable backup via IBM Safeguarded Copy

2



CONNECTIVITY:

SD-WAN and ZTNA for distributed project teams and site offices

3



SECURITY:

Fortinet Advanced Partner with full endpoint and network protection capability

4



SCALE:

Cloud infrastructure that grows with the business without physical hardware investment

If your business is winning larger projects, has staff and teams working across multiple sites, or is concerned about whether your current IT environment would survive a cyber incident mid-project, a conversation with CMTG is a practical starting point.