Who we are

CMTG is a leading integrated provider of secure IT infrastructure solutions, specialising in high-performance data storage, web hosting, private cloud systems and fully managed IT support.

Headquartered in Western Australia, we work with organisations that rely on high performance computing, large volumes of data and always on systems to deliver complex projects safely, securely and on time.

With deep experience supporting engineering, construction and oil & gas businesses across WA, we understand the operational pressures of project based work, geographically distributed teams and data heavy workflows - and how technology can either enable productivity and profitability or become an operational bottleneck.

The challenge: technology under pressure

Engineering, construction and oil and gas businesses face unique IT challenges that standard, off the shelf solutions rarely address:

- Large file sizes and complex models slowing performance and collaboration
- CAD software demands pushing workstations, networks and storage to their limits
- Multiple sites and remote teams needing secure, reliable access to data
- Downtime and system lag impacting productivity, deadlines and revenue
- Growing cybersecurity and compliance obligations

Industries we support

- Engineering and design companies
- Construction and infrastructure delivery
- Oil and gas operators
- Resources and industrial services
- Computer-aided design (CAD) dependent professional services
- Manufacturing
- Finance
- Professional Services
- Retail

How CMTG solves this problem

Locally built private cloud for CAD performance

CMTG has developed a locally built and managed private cloud platform purpose-designed for engineering, construction and energy businesses, with a focus on companies that rely heavily on CAD software and require significant volumes of data to be processed.

Unlike public cloud environments that rely on shared resources, Internet-only connectivity and weaker security systems, CMTG's private cloud delivers dedicated resources to engineering and construction clients, ensuring predictable, high-end performance for CAD, building information modelling (BIM) and simulation software.

- Dedicated cutting edge and top of the range Devices (AMD) EPYC central processing units (CPUs) and NVIDIA graphics processing units (GPUs)
- Optimised for CAD, BIM and simulation software
- Virtual desktop environments that match or outperform high-end workstations
- Consistent performance across office, home and project sites

🌐 cmtg.com.au 🇫 CMTG in CMTG

High-volume data and infrastructure

We design IT environments that can move, store and protect large datasets without compromise.

- High-throughput, low-latency storage for large files and complex models
- Scalable on-premise, private cloud and hybrid architectures
- Secure access across multiple sites and teams

Secure, sovereign infrastructure

All client data is hosted across two geographically diverse, Perth-based data centres, ensuring data sovereignty, resilience and regulatory confidence

- Data sovereignty - your information stays in WA
- Private circuits or dark fibre connectivity for speed and security
- Multi-layered protection including enterprise backups, immutable snapshots and ransomware detection

Reliability, continuity and support

When deadlines are tight, reliability matters.

- Multi-homed infrastructure across dual data centres
- Proactive monitoring and maintenance
- Business continuity and automated disaster recovery
- Rapid-response, local WA support

Outcomes our clients have achieved

- Faster than local CAD and BIM performance
- Improved collaboration across sites
- Reduced downtime and project disruption
- Stronger data security and compliance confidence
- Infrastructure that scales with project demands

Why CMTG?

- Built for WA industry - local presence and sector understanding
- Proven performance - trusted in demanding CAD-driven environments
- Not generic IT - solutions designed around how engineers work
- Proactive partnership - continuous optimisation, not just ad-hoc support
- Your information stays in WA - Owned and operated by an Australian company

Get in touch today

Whether you're reviewing existing systems, planning for growth or reassessing your infrastructure, CMTG can help.

Contact CMTG

📞 1300 002 684

🌐 support@cmtg.com.au

📍 cmtg.com.au

16 Boag Road, Morley, WA, 6062