



Media and Communications

High-performance, secure IT infrastructure
for content-driven businesses

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The Reality of IT in This Sector

Media and communications businesses work with large files, tight deadlines, and distributed teams. Video production, digital publishing, content management, broadcast workflows, and creative collaboration environments demand computing infrastructure that performs consistently and stores and transfers large volumes of data reliably. When the infrastructure does not perform, deadlines are missed and the quality of the output suffers. For businesses whose product is content, IT performance is product performance.

The Pressure Points

- Large file workflows, including video editing, post-production, and high-resolution asset management, require high-performance compute and storage that general-purpose cloud environments cannot reliably deliver
- Distributed creative teams working across studios, home offices, and client locations need fast, secure access to shared project assets without performance degradation
- Content is commercially valuable intellectual property. Ransomware targeting a media business during production can be catastrophic to client relationships and delivery commitments
- Deadline-driven workflows mean that even short periods of downtime have immediate consequences for project delivery
- Freelancers and contractors who need temporary access to production environments create access management challenges that need to be handled securely
- Growing media businesses winning larger production contracts need infrastructure that scales without requiring physical hardware investment at each growth point

Why Standard IT Falls Short

Creative and media businesses often outgrow their IT infrastructure in the process of winning the work that made growth possible.

A post-production environment built for a ten-person team does not scale cleanly to a thirty-person team working on multiple concurrent projects for major clients. The infrastructure investment that feels premature today is the foundation that makes larger projects possible tomorrow.

What CMTG Brings to This Sector

1



HIGH-PERFORMANCE COMPUTE FOR CREATIVE WORKLOADS:

CMTG's GPU-accelerated DaaS platform delivers workstation-class performance for video editing, post-production, and high-resolution creative work from any device, anywhere. Powered by NVIDIA L4 and L40 GPUs and AMD EPYC CPUs, it outperforms most physical workstations consistently under load.

2



FAST, RELIABLE STORAGE FOR LARGE ASSETS:

IBM enterprise storage with world-record IOP performance handles large file environments and simultaneous multi-user access. Project assets are stored on CMTG's sovereign WA platform with immutable backup protecting against loss or ransomware.

3



SECURE COLLABORATION FOR DISTRIBUTED TEAMS:

CMTG's managed connectivity and Citrix-powered virtual environment gives distributed creative teams fast, secure access to shared project assets without the performance issues of general-purpose cloud storage.

4



SCALABLE INFRASTRUCTURE THAT GROWS WITH THE BUSINESS:

As the business wins larger projects and adds team members, the platform scales without physical hardware investment. Freelancers and contractors can be given secure, time-limited access and removed cleanly when a project ends.

What It Looks Like in Practice

A Perth-based video production and post-production business moved its editing and review environment onto CMTG's DaaS platform to address performance inconsistency that was affecting turnaround times on client projects.

The GPU-backed virtual environment delivered consistent performance across editors working from studio and home locations, the project asset library moved to CMTG's sovereign storage platform with immutable backup, and the business was able to take on a larger production contract that its previous infrastructure could not have supported.

Relevant Credentials

1



GPU PERFORMANCE:

NVIDIA L4 and L40 GPU infrastructure, AMD EPYC CPUs at 3.65GHz base with 4.8GHz boost

2



STORAGE:

IBM enterprise storage with world-record IOP performance, immutable backup, and sovereign WA hosting

3



VIRTUAL DESKTOP PLATFORM:

Citrix 2025 MSP Partner of the Year, delivering high-performance DaaS for creative workloads

4



SCALABILITY:

Cloud infrastructure that scales with the business without physical hardware investment

If your business is winning larger production projects, has team members whose productivity is being affected by infrastructure that does not perform consistently, or wants a clearer picture of what a proper creative production infrastructure looks like, CMTG can walk you through it.