

MicroCloud: Smarter Streaming, More Savings:

MicroCloud as a solution for better streaming performance and easy maintaining



Solution

MicroCloud Server
Supermicro



Industry

Media - Television

Overview

An Australian subscription TV provider needed to scale its infrastructure while cutting costs and avoiding vendor lock-in. DiGiCOR delivered a MicroCloud solution that reduced rack space by 76%, lowered operational and maintenance costs, and provided high performance with flexible, scalable architecture—helping the company meet demand efficiently and cost-effectively.



Objectives

- Significant reduction in footprint whilst delivering great performance
- The solution reduced costs and is easy to maintain, with multiple different configurations, more performance-based options, and added flexibility
- Reduce rack space usage to optimise physical resources.



Results

- 76% reduction in rack space with lower operational and maintenance costs.
- High performance and storage capacity delivered without compromise.
- Flexibility and scalability ensured for future growth.
- No vendor lock-in and infrastructure refresh completed within budget



The Challenge

With the expansion in demand for their subscription-based services, the company required infrastructure that could cope with the scale of new clients and more demanding data workloads.

With previous consideration of other solution competitors, rack space, operational costs, and maintenance were the main deterrent factors that the company faced. Furthermore, they required flexibility and scalability with no lock-in technology for future plans of refreshment.

Objectives

- Significant reduction in footprint whilst delivering great performance
- The solution reduced costs and is easy to maintain, with multiple different configurations, more performance-based options, and added flexibility
- Compact 3U chassis saves over 76% of rack space compared to traditional 1U servers

How DiGiCOR helped

DiGiCOR helped the subscription TV provider by delivering a MicroCloud solution tailored to their growing infrastructure needs. Instead of relying on traditional 1U servers, DiGiCOR implemented a high-density MicroCloud system that combined multiple hot-pluggable nodes into a compact design. The solution also offered modular storage and networking options, for upscale capacity workloads. DiGiCOR aim to optimising performance and efficiency, to lower operational and maintenance costs within budget ensure reliable content delivery to customers.

DiGiCOR Custom Solution

Supermicro model 5039MP-H8TNR as a MicroCloud server

- The MicroCloud Server is a uniquely Supermicro-exclusive system that provides 4 hot-pluggable nodes optimised with Intel Xeon Scalable CPU technology for hyperscale and cost effectiveness with Supermicro technology.
- With fully populated nodes, this solution provides high density, performance, efficiency, and cost-effectiveness to scale any workload, saving over 76% rack space when compared to traditional 1U servers.
- Optimized for hosting and content delivery, hyperscale/hyperconverged computing, resource-saving architecture, data centers, and cloud workloads.

The Result

By delivering a high-density MicroCloud system that combined multiple hot-pluggable nodes into a compact design, client could reduced rack space by 76%, cutting both power usage and physical footprint. The modular storage and networking options solution also allowing client to scale capacity easily as workloads grew. DiGiCOR enabled the company to lower operational and maintenance costs, refresh its infrastructure within budget, and avoid vendor lock-in, ensuring long-term flexibility and reliable content delivery to customers.

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About DiGiCOR

DiGiCOR was founded in 1997 with the goal of becoming a major player in the niche ICT infrastructure market in Australia and New Zealand. Our focus is in providing server, data storage, workstation, networking, edge computing, and IoT solutions. From designing IT infrastructure to deploying the solution, we cover the whole journey for our customers. Traditionally, we were known for Supermicro solutions, but in recent years we have expanded our partnerships to include servers, storage, workstations, and networking from Supermicro, ASUS, Chenbro, Seagate, iXsystems, Hitachi-Vantara, and Juniper Networks.



What can DiGiCOR do for Your Business?

DiGiCOR has helped Media Industry in upscaling their workloads with MicroCloud server.

It's your turn to take action.

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