DiGiCOR

Delivering 1,000+ DLAP-4000 Edge AI Platforms

for Mission-Critical Projects in Australia and New Zealand

Overview

A global organisation required more than **1,000 advanced edge computing systems** for deployment across secure sites in Australia and New Zealand. These platforms were essential for powering the next generation of **virtual training, simulation, and business-critical AI applications**—demanding fast delivery, robust reliability, and strict local compliance.

With tight deadlines and high operational stakes, the customer needed more than a hardware supplier—they needed a partner who could design, build, and deliver a complete solution at scale.

📋 Objectives

- Deploy 1,000+ edge AI systems across secure sites in ANZ in four phases over six months.
- Enable next-gen virtual training, simulation, and AI-powered business applications.
- Meet strict ANZ security, regulatory, and operational standards.
- Deliver a complete end-to-end solution from design to delivery and support.

☑ Results

- End-to-end quality control including performance testing, compliance checks, custom BIOS/software, and documentation.
- Partnered with world-leading suppliers to secure high-performance components for high-demand workloads.
- Provided local, responsive engineering support and lifecycle services post-deployment.

Challenges We Tackled

- **Project Scale & Speed:** Over 1,000 edge AI systems delivered in four planned phases within six months.
- **Supply Chain Volatility:** Securing key components and advanced technology during global shortages.
- **End-to-End Solution Ownership:** Designing, sourcing, assembling, and testing every system in-house to customer specifications.
- **Regulatory & Security Compliance:** Meeting ANZ standards for deployment in secure, mission-critical environments.

Our Approach — Solution by DiGiCOR

1. Solution Design & Platform Selection

DiGiCOR's engineering team designed a bespoke solution based on the **DLAP-4000 series x86 edge AI platform**—a powerful, compact system ideal for edge analytics, simulation, and high-demand enterprise workloads. This platform provided the right balance of compute power, reliability, and scalability for our client's needs.

2. Supplier Collaboration & Component Sourcing

We worked closely with leading technology partners—**ADLINK, ASUS, and Intel**—to secure essential components and ensure each system was built to the highest standards, even as global supply chains faced disruptions.

3. In-House Assembly & Quality Assurance

All 1,000+ DLAP-4000 systems were assembled, tested, and asset-labelled at DiGiCOR's Australian HQ. Our in-house team handled:

- Rigorous quality and performance testing
- Security and compliance checks
- Custom BIOS and software imaging (where required)
- Full documentation and asset tracking for each system

4. Phased, Customer-Aligned Delivery

The project was executed in **four carefully coordinated delivery phases over six months**, with each batch tailored to customer deployment schedules. DiGiCOR's logistics team ensured seamless, traceable delivery to every site, ready for immediate deployment.

Use-Case: Powering Edge AI, Training & Business Innovation

The **DLAP-4000 series x86 edge AI platform** with **ASUS RTX 3070 GPUs** and **Intel Core i9** were selected for its ability to support a wide range of modern applications—**from immersive virtual training and simulation to advanced edge analytics and enterprise AI workloads.** Our solution empowered the customer's teams to deploy, scale, and innovate faster, with confidence in system reliability and support.

Outcome — Delivered, Supported, Trusted

- 1,000+ DLAP-4000 edge AI systems completely built and tested delivered on schedule, in four phases
- All units assembled and tested at DiGiCOR HQ for local accountability
- Zero missed milestones or compliance issues
- Long-term local support and rapid response, backed by our engineering team

Why Leading Organisations Choose DiGiCOR

Strength	Benefit for Global & Local Customers
Complete Solution Design	Tailored platforms leveraging DLAP-4000 edge AI innovation
Local Assembly & Quality	All systems built and tested at DiGiCOR HQ
Global Supplier Network	Secured best-in-class tech from ADLINK, ASUS, Intel
Compliance & Traceability	ANZ standards, asset management, and full documentation
Partnership & Support	Transparent communication, ongoing local service

Final Word

For global and local organisations delivering complex technology projects in Australia and New Zealand, **DiGiCOR is your trusted partner**—from solution design and sourcing to assembly, delivery, and lifetime support.

Contact DiGiCOR to discover how our expertise and the DLAP-4000 series edge AI platform can help you achieve your next project milestone—securely, reliably, and at scale.

Featured Solutions

ADLINK DLAP-4000 Series

- NVIDIA® Quadro® PEG card support
- 8th/9th Gen Intel® Core™ i7/i5/i3 processor
- Dual SODIMMs for up to 32GB DDR4 non-ECC memory (dependent on CPU)
- 1x DVI, 1x HDMI, 1x DP (from CPU), additional display outputs from PEG cards
- 1x Mini PCIe slot for Wi-Fi/Bluetooth or LTE module
- 300W/500W Flex ATX PSU

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 provide 1000+ edge AI platforms to power the next generation of virtual training, simulation, and business-critical AI applications.

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