

# CASE STUDY

Strengthening Global ICT Security for PanAust



*PanAust engaged CDM to conduct an independent review of their perimeter security architecture*

## BACKGROUND

PanAust is a copper and gold producer based in Laos, with pre-development opportunities in Laos, Papua New Guinea, and Chile. Through strategic acquisitions in South America and Southeast Asia, PanAust grew from a small-to-medium business into an expanding international enterprise. However, this rapid growth soon outpaced the organisation's ICT security capabilities, highlighting the need for a more sophisticated, global approach to cybersecurity.

Recognising the importance of strengthening its security posture to support its evolving operations, PanAust engaged CDM to conduct an independent, comprehensive ICT security assessment. CDM employed a defence-in-depth methodology to assess and strengthen the physical, technical, logical, and administrative layers of the organisation's environment.

## CHALLENGE

With operations now spanning multiple continents, PanAust needed to prepare its ICT security environment for transition to a Managed Services Provider (MSP). This required addressing immediate risks while designing an enterprise-grade security architecture that could support ongoing growth. The solution had to deliver robust protection from external threats, maintain consistency and stability across all global locations, and remain scalable and manageable to control future MSP costs.

A key challenge was the lack of a clearly documented security environment. Without this, PanAust faced serious risks tied to outdated infrastructure, incomplete policies, and the absence of critical systems like an Intrusion Prevention System (IPS). Additionally, their existing network architecture lacked the flexibility needed to implement the granular controls necessary for an international business.

## SOLUTION

To address these challenges, CDM undertook a comprehensive, organisation-wide ICT security assessment. This included in-depth analysis of PanAust's infrastructure, reviews of network hardware, appliance configurations, security policies, procedures, system logs, and the business processes influencing security outcomes. The goal was to provide recommendations grounded not only in technical best practice but also in the operational realities of a growing global enterprise.

The assessment culminated in a detailed technical report that identified key risks and outlined practical steps for remediation. Among the most pressing issues were outdated infrastructure components, gaps in security policies, the absence of an IPS, and a network design that limited flexibility. CDM's report provided clear, actionable guidance to help PanAust strategically address these challenges.



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## *Benefits of CDM's Approach*

CDM's structured, defence-in-depth methodology provided PanAust with more than just a gap analysis — it delivered a practical, forward-looking remediation plan. One of the standout outcomes was the development of a consistent, enterprise-grade security framework that could be replicated across all PanAust locations. This scalable design served as a valuable blueprint for future deployments, helping PanAust establish a corporate security standard aligned with its global ambitions.

By adopting the recommended improvements, PanAust significantly enhanced its ability to protect intellectual property, minimise security risks, and safeguard its reputation. Importantly, the strategy maximised the return on PanAust's investment in existing ICT infrastructure and internal skills.

CDM also provided a tailored remedial action plan designed to prepare PanAust for a seamless transition to their chosen MSP, ensuring the handover would be both smooth and cost-efficient.

## **BUSINESS OUTCOME**

CDM's engagement provided PanAust with a clear and actionable roadmap for building a secure, scalable ICT environment capable of supporting global operations. With this foundation in place, PanAust was able to reduce the risks of external intrusion or exposure, while creating a pathway for collaboration with a managed services provider.

Two key outcomes defined the success of this project. First, CDM helped PanAust establish the security posture required to protect its growing international network.

Second, CDM delivered the supporting security architecture, policies, and procedures necessary for a successful handover of security operations to the MSP.

By aligning its approach with PanAust's business objectives, CDM delivered a tailored ICT security solution fit for the demands of an international enterprise. This outcome not only addressed PanAust's immediate security needs but also positioned the organisation with a sustainable strategy for secure, long-term growth.

*CDM conducted a comprehensive security review for PanAust, delivering actionable recommendations and a clear roadmap to strengthen security and support a seamless transition to managed services operations.*

## **ABOUT CDM**

CDM is an Australian-owned company providing the full spectrum of ICT services, from consulting to delivering and managing your ICT needs. We create lasting relationships focused on achieving your business outcomes, creating value and maximising your return on investment.

CONTACT THE CDM OFFICE NEAREST TO YOU, VISIT OUR WEBSITE [WWW.CDM.COM.AU](http://WWW.CDM.COM.AU) OR EMAIL [SALES@CDM.COM.AU](mailto:SALES@CDM.COM.AU)

