



SAFEGUARDING SKIES & SEAS: TM DRIVES DIGITAL INNOVATION AT LIMA 2025

As the Strategic Technology Partner for LIMA 2025 and Malaysia's digital enabler, Telekom Malaysia (TM) is reinforcing Malaysia's digital sovereignty through cutting-edge innovations for the defence, aerospace, and maritime sectors—advancing the nation's journey towards becoming a Digital Malaysia and regional digital hub, central to TM's aspiration to be a Digital Powerhouse by 2030.

At the heart of TM's showcase is a secure and intelligent ecosystem, powered by AI, cloud, and mission-critical connectivity. Collectively TM One, the enterprise and Government solutions arm of TM; Credence, TM's cloud and digital services company; and TM's Centre of Excellence for AI, are presenting platforms to transform emergency response, air operations, public safety, and national defence.

Smarter rescue and emergency response

TM One's AI-Enabled Maritime Search and Rescue Operation Coordination System (M-SAROCS) enhances coordination during maritime emergencies, while its Next Generation MERS 999 platform integrates new technologies to accelerate emergency services. These solutions improve real-time situational awareness and decision-making—where every second counts.

Revolutionising air traffic and flight toperations

In aviation, TM One's Intelligent Flight Planning System (i-FPS) digitises the planning, submission, and tracking of flight plans, while the Intelligent Flight Permit Management System (i-FPMS) automates permit approvals for non-scheduled flights. Both are supported by System Wide Information Management (SWIM)—an ICAO initiative enabling seamless data exchange across aviation stakeholders to create a modern, interconnected airspace.

Securing borders and critical infrastructure

To support field operations, TM One deploys mission-critical communications with military-grade encryption, ensuring secure, compliant information exchange. These systems underpin the deployment of quadruped robotic units—autonomous four-legged machines that patrol challenging terrains, providing real-time surveillance of borders and high-security zones. This integration of AI, robotics, and secure connectivity delivers a robust defence capability.

Digital backbone for national resilience

At LIMA 2025, Credence is showcasing Cloud Alpha Edge—the National Sovereign Cloud that can be tailored to drive innovation, scalability and operational excellence. Hosted locally to meet national data residency and security requirements, Cloud Alpha Edge offers secure, scalable infrastructure for hybrid and multi-cloud environments. As the only Malaysian-owned Cloud Service Provider under the MyDIGITAL initiative, it enables government and defence agencies to manage mission-critical workloads while ensuring compliance and cyber resilience.

Driving AI innovation for strategic advantage

Building on its sovereign infrastructure, TM's AI Centre of Excellence showcases advanced capabilities such as Vision AI for high-definition CCTV and body cams, Graphics Processing Unit-as-a-Service (GPUaaS) for on-demand compute power, and Explainable AI (eXAI) to uncover complex insights in real time, enabling faster, data-driven decisions in high-stakes environments. Expanding on this innovation, TM's AI Digital Workspace streamlines workflows with AI-powered automation, intelligent documentation, and actionable insights to improve operational precision. Core functions include AI Data Aggregator, AI Video & Speech Analysis, AI Virtual Assistant, and AI Operational Insights Dashboard, delivering real-time intelligence to enhance security, governance, and operational efficiency. Together, these solutions empower organisations with the tools needed to navigate challenges with intelligence, speed, and accuracy.

Visit TM's booth at Hall C-C004, MIEC Langkawi to experience these innovations and discover how TM is enabling national resilience and technological leadership in line with its aspiration to be Malaysia's Digital Powerhouse by 2030. Learn more at www.tm.com.my

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