Our **MISSION**

MEIKAI is a boutique consultancy dedicated to providing engaging individuals and tailored teams to facilitate and solve capability problems and challenges for our clients. We specialise in the provision of engineering, project management and program delivery services within the One Defence Capability System; specifically around emerging and disruptive technology within the ICT, simulation and training domains. With over a decade of experience in the development of military training solutions, simulation, and Capability Management within Defence; Meikai is ready to help you develop fit for purpose, cost effective solutions and sustainment models to suit your project's needs.

Our team strives to support you in making the complex simple and the simple compelling. How we achieve our goals is as important as what we achieve.

our **SERVICES**

Professional Consulting Services

Integrated Solutions Teams

our **CLIENTS**

Australian Army
Directorate of Land Training Capability

Vice Chief of Defence Force Group
Advanced Warfighting Program

Chief Information Officer Group
Simulation Delivery Directorate

Department of Education, Skills and Employment
Directorate of Workplace Systems

our **PARTNERS**

MEIKAI maintains close industry relationships with Subject Matter Experts across the fields of Defence, Simulation and Training, including:

International Weapons Review –
Legal Compliance and Governance for Autonomous Systems and Novel Technologies.

DIST Panel Simulation and Training Consortium – Meikai leads a consortium of simulation and training integrators and specialists supporting the Defence Innovation, Science and Technology Panel (DIST).

our **CAPABILITIES**

Simulation and Synthetic Training
- Simulation and Synthetic Training Subject Matter Expertise
- Solution Architects – Simulation ICT and C4ISREW Integration
- Learning system design and training requirement elicitation

Capability Requirements Specialists
- Requirements gathering, deliverables definition
- Sustainment Model Definition

Program Delivery & Project Management
- Project and Portfolio Management within the One Defence Capability System
- Strategic Risk Management
- Processes, Standards & Methodologies Management

Systems Engineering
- Operational concept development
- Need analysis and development for Capability Definition Documents
- Functional Performance Specification development
- Architecture and Standards development

MEIKAI ● CLARITY

our **EXPERIENCE**

Meikai offer a range of individuals with significant Engineering and Project Management expertise within complex Defence and ICT environments. Our personnel have extensive experience providing training outcomes and capability development within the Joint and Land Simulation environments, with over a decade worth of involvement in the Australian Defence Simulation Training Centre, Joint Collective Training Branch and Land Capability Division. Our dedicated Meikai team have been integral to the development of Army Minor Projects (>$20M), One Defence Capability System (ODCS) Documentation, Major Capital Investment Project OCDS Documentation, Operational Concept Documents (OCD), Test and Evaluation Master Plans (TEMP), simulation architectures and configuration profiles, logistic support concepts and service delivery strategies.

Some examples include:

Directorate of Land Training Capability (DLTC) - Meikai currently provides Project Management and Capability Definition Documents Development (CDDD) support to DLTC - Land Capability Division as the designated Project Sponsor the Army Major Capital Investment Project redefining the Land Combat Training System (LCTS). The LCTS project will deliver the next generation Land Domain Training Environment through the integration of Army's Live, Synthetic and Learning environments, with aspects of the Human Performance Optimisation program included eg. Human Machine Teaming (HUM-T). The LCTS will support enhanced tactical and operational level training while improving the organisations ability to analyse preparedness, proficiency and force design metrics. The Deputy Project Sponsor has been responsible for the conduct of pre-Gate 0 activities including project scope analysis and definition, development of a Joint Capability Needs Statement and Gate 0 Business Case, Project Sponsor support and input to the Smart Buyer series, integrated project schedule and PES, and the conduct of complex stakeholder engagement across the Joint and Army domains. Together, the Deputy Project Sponsor and Capability Definition Document Team are responsible for the development of the OCD and the critical system definitions to inform the Risk Mitigation and Requirement Setting phase of the project.

Chief Information Officer Group (CIOG) - Meikai provided the 4-person, 2 year contract, Risk Reduction Team to support the CIOG Simulation Program's delivery of Land Simulation Core 2.0 (LS Core 2.0). The team consists of simulation program delivery specialists, ICT and Integration Solution Architects and a Simulation specific Requirements Engineer. The Risk Reduction Team is responsible for engaging with Joint Project 9711-1 – Core Simulation Capability and Army's simulation stakeholders in order to generate requirements and solutions across four key areas; Common Simulation Systems, the Land Simulation Network Expansion, C4ISREW Stimulation and broader System Integration including terrain and data subsets. Under this remit the Risk Reduction Team is responsible activities such as:

- the design, build and implementation of networked simulation environments for the purpose of trial activities and Mobile Battle Simulation Site Risk Reduction Activities.
- the development of C4ISREW stimulation requirements and functional performance specifications for the synthetic environment.
- documenting and development of the integrated Joint Fires synthetic training environment High Level Design, including connection and integration of the Joint Terminal Attack Controller Dome (JTAC), Unmanned Aerial Vehicle (UAV), Land Simulation Network and LS Core.