



CMATS Integration Test Lead

CMATS Program, OneSKY Australia Program

Position Detail			
Reports To	System of Systems Integration Lead	Group	OneSKY Integration Program
Budget Accountability	Nil	Location	BNE, MEL, CAN
Delegations: - Administrative - Financial	Nil	Reports: - Direct	Direct 0

Organisational Environment

Airservices is a government-owned organisation providing safe, secure, efficient and environmentally responsible services to the aviation industry. Each year we manage over four million aircraft movements carrying more than 140 million passengers, and provide air navigation services across eleven per cent of the world's airspace.

Airservices has two major operating centres in Melbourne and Brisbane and a corporate office in Canberra. We operate 29 air traffic control towers at international and regional airports, and provide aviation rescue fire-fighting services at 26 Australian airports.

The Royal Australian Air Force is charged with providing Air and Space Power to the Australian Government to achieve its national security outcomes. Within the Royal Australian Air Force, Number 44 Wing is charged with providing Air Traffic Control services, operating twelve air traffic control towers and nine approach control facilities across Australia as well as providing tactical battlefield airspace control from deployed locations.

Primary Purpose of Position

The OneSKY Australia Program is responsible for the planning, development and implementation of Airservices next generation services including the future Civil-Military Air Traffic Management System (CMATS) through the Program – a joint activity with the Department of Defence.

The OneSKY Program is enabling the fundamental organisational and industry transformation required to maximise the benefits and value of the future system as expected by Airservices and Defence customers and stakeholders.

The Integration Architect will support the broader team within the Integration program, working in unison with Airservices and Department of Defence personnel. You will provide Architectural expertise to ensure quality and traceability are maintained throughout the delivery of Integration activities, you will always adhere to relevant Airservices Frameworks.

Working as a cross functional team member of the Integration program, you will provide reporting to System of Systems Integration Lead, OneSKY Integration Engineering Manager and operational Engineering Managers as required. Monitoring / reporting of issues, risks, and escalations for all activities with a solution focused mindset to ensure the work-focus areas align with the specific Project milestones, you will actively participant in Project milestones reviews.

As key member of the Integration team you will identify operational resources necessary to support your activities, co-ordinate tasking / prioritisation with the Integration Engineering Leads / Project Managers and have the ability to build and lead a matrixed team as required.

You will form an integral part of the OneSKY Australia Integration Team; adopt a system wide approach and will support Safety and Security in delivering and maintaining high quality safety artefacts to support the Airservices record of Safety, Environmental, WHS, Risk, and Compliance excellence.

Accountabilities and Responsibilities

Position-specific:

- As the Integration Engineer: monitor, track, and escalate issues to:
 - Provide task prioritisation to the Integration assessment / Design teams
- Work in the Integration Assessment Team to:
 - Developing integration strategies to execute OneSKY delivery roadmap successfully.
 - Establishing integration capabilities to support the strategies.
 - Providing integration strategic advice to both business and technology stakeholders, articulate integration impacts and guide business stakeholders to define comprehensive integration requirements.
 - Developing recommendations to the design team and collaborating with other technical teams to implement required integration to enable business automation initiatives and achieve desired business outcomes.
 - Consulting with solution architect(s) and developing innovative business processes to drive business changes and benefits.
 - Managing all integration issues either on-premises or cloud services, with holistic design thinking approach.
 - Providing integration architectural advice to project implementation teams with outcomes focused mindset.
 - Developed and implemented a pragmatic enterprise architecture framework, based on TOGAF, with the development of key enterprise reference models:
 - Information Reference Model
 - Application Reference Model
 - Technology Reference Model
 - Participate in workshops, working groups, and Contractor-conducted formal events
- Work with the System of Systems Integration Lead, OneSKY Integration Engineering Manager and Project Managers to:
 - Report regular progress against assigned tasks
 - Escalate issues and risks
 - Confirm priorities
- Work with the Contractor(s) in a collaborative and supportive way
- The Integration Architect has the support of:
 - OneSKY Integration Program Manager and Project Managers
 - OneSKY Integration System of Systems Integration Lead
 - OneSKY Integration Engineering Manager

- CMATS Transverse Requirements Manager
- CMATS Lead Engineering Specialists and Project Engineers
- OneSKY Design Acceptance Team

People:

- Be part of a high-performance team with an emphasis on an accountable performance culture
- Develop and maintain a highly effective working relationship within the OneSKY Program and other internal and external stakeholders to ensure open and transparent communication and resolution of technical issues
- Contribute to the development of project and program engineering staff through mentoring and advocating and effectively application of sound Systems Engineering process to achieve project objectives.

Systems, Safety and Reporting Compliance

- Demonstrate behaviours consistent with enterprise strategies, and perform duties in accordance with work health and safety accountability requirements

Key Performance Indicators

Efficient, Effective and Accountable

- Builds and maintains effective relationships at strategic and working levels
- Provides team with clear direction, motivates, and empowers others
- Takes responsibility for actions, outcomes, and people
- Achievement of CMATS Program objectives
- Quality of architectural deliverables – reference models, options analysis briefs etc.

People and Safety

- Effective engagement
- Training and development
- Capability improvement
- Provide training and development opportunities to create a high-performing team, supported by opportunities for capability improvement
- Compliance with regulatory standards, safety, risk, environmental and any other standards.

Key Relationships

As a Integration Architect

- Participate within the Integration Assessment Team
- Consult within the OneSKY Integration Design Team
- Collaborate across Airservices Project Engineers, asset planners and lifecycle owners.

As part of the OneSKY Australia Program

- OneSKY teammates
- OneSKY stakeholders.

Skills and Competencies

- Required to:
 - Hold tertiary qualification in either an IT or Engineering or commensurately experienced

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- Developed personal skills and knowledge through completing TOGAF (9) (or equivalent) training
- Demonstrated extensive knowledge of integrating enterprise solutions, web services and mobile applications including Enterprise Service Bus and API technologies and Single Sign On; particularly relating to complex solution and network security architecture;
- Demonstrated extensive knowledge of Integration Broker Architecture, user authentication, security and traditional software development life cycle;
- Extensive knowledge of SAP application architecture; web service integration and information security architecture design and agile development methodology;
- Demonstrated high ability to coordinate and collaborate multi-discipline technical teams to deliver effective solutions to clients; and
- Extensive written and verbal communication skills with demonstrated ability to provide advice, consult and negotiate with stakeholders on complex and strategic issues, build effective client and stakeholder relationships in an environment of digital disruption.
- Experience within an Air Traffic Control and/or Airport Tower Control systems fields advantageous however not essential.

Security Clearance

- NV1 or ability to obtain.

Performance Standards and Behaviours

As a member of the OneSKY program, Airservices or Defence, you will consistently demonstrate performance standards and behaviours that meet Airservices Code of Conduct or similar. This includes:

- Treating everyone with dignity, respect, and courtesy
- Acting with honesty and integrity
- Acting ethically and with care and diligence
- Complying with all OneSKY organisations' policies and procedures, and applicable Australian laws
- Disclosing and taking reasonable steps to avoid any actual, potential, or perceived conflict of interest

Behaving in a way that upholds our vision, mission, and values, and promotes the good reputation of the OneSKY program and the organisations the program represents.