



Air Traffic Solutions
**STATEMENT OF
CAPABILITIES**



WHO WE ARE

We are a group of aviation experts that provide consultant support and service to ATM providers, ANSPs, airlines, and aircraft and airport operators. Our collective industry knowledge, developed through years of experience responding and adapting to an evolving economy is dynamic, cross-functional, and creative. We offer a full range of support from operational, technical, and training intelligence to safety and risk management expertise.

As a cooperative enterprise, one of our greatest achievements has been responding to the demands of various stakeholders with multi-dimensional thinking, innovative approach and skilled execution. We pride ourselves on being exceptional industry consultants because we believe that advising is about more than sharing expertise. For us, consulting should provide a strong foundation on which to scaffold learning, development, and strategy. We want our clients to have the tools necessary for adapting to demands and excelling now and in the future.

WHAT WE DO

Every great initiative begins with a problem. Through years of experience and training, we recognised a dire need in the aviation industry for a cohesive and comprehensive support system that could provide the knowledge, skill, and resources necessary for effective and safe air traffic management. Our objectives are simple. As aviation experts, we want to help our clients design, plan, and develop air traffic systems, expand industry knowledge beyond the usual parameters, and integrate sophisticated technology and compliance regulations. We examine the needs and strengths of each client through these three lenses to determine the most proactive and sustainable approach to improving operations and protocol.



Design

- Detailed needs analysis
- Technical systems installation
- Scrupulous planning & development
- Project execution, updating & adaptation



Expansion

- Advocacy & lobbying
- Safety training & adherence
- ATC training software & packages
- Online training & learning resources



Integration

- Regulatory compliance support
- Procedure and test documentation
- Implementation & commissioning support
- Aviation event management & brand strategy



CLIENTELE

Because we are driven to provide exceptional client service, we've expanded our clientele from simple projects with local companies to large-scale developments with major corporate and government organisations, in just three years.

Our client roster has included airport authorities, ANSPs, government departments, ATM equipment companies, defence, and large consulting firms requiring specialised aviation support.

PROJECT PORTFOLIO

We've assisted several clients with operational, technical, compliance, educative, and safety support. The following eight organisations are a sample of the projects on which we've consulted. They represent but aren't limited to, the vast range of services that our firm provides.

Royal Saudi Air Force | Europe & Saudi Arabia | April 2018 - 2019

Spanning eight months, we worked with the RSAF on developing and executing a targeted training program to support the implementation of an Aeronautical Information Management System. The program required strict adherence to military standards. We educated 60 RSAF staff in both Europe and the KSA using a variety of learning materials, including student workbooks, assessments, audiovisual supports, and diverse training aids.

ATM System Support | May 2019 Ongoing

We're currently providing B2B expert air traffic control support to a major air traffic management project. The client's objective is to fulfill the operational requirements for the end user. This goal involves working with the organisation's engineering team to ensure verification and validation (V&V) procedures are met, and the project fulfills its intended purpose.

European ANSP Integrated ATM Solution | Europe | December 2017 Ongoing

We're making exciting progress with a major European air traffic management organisation on a system upgrade. With expert direction and deployment tactics, we supplied surge capacity to help the client stay well within budget restrictions. We defined system requirements, provided technical and operational documentation, assisted V&V activities, and delivered adaptation development support and workshop training activities.

Military Training Support | March 2019 Ongoing

We have expert personnel providing specialised training to a military client with the goal of developing world first training capabilities. Our consultant developed a comprehensive business case, requirements, and project structure in advance of the deadline to obtain budget approval from senior management. No internal resources were used to construct the business case, which supported business operations to proceed uninterrupted. The project is in the approval phase.

Technical Writing | January 2019 Ongoing

A national regulator requested our consulting services for a regulatory update and rewrite to meet organisational requirements. Equipped with extensive experiential knowledge, our industry experts provided technical writing support in several regulatory areas and other technical documentation, eliminating the need for internal staff.

Airservices Australia | April 2017 - April 2019

This exciting, three-year project was a sub-contract with Australia's air navigation service provider to plan, develop, and implement a new voice communications system for air traffic control. Our experts trained numerous employees, including system engineers, maintainers, data adaptation specialists, and air traffic controllers. Our training management plan included video tutorials, workbooks for students and assessors, formalised assessment protocol, and educative materials for ongoing training. Our consultant services allowed Airservices Australia to dedicate their full attention to operating the new system. The system was successfully commissioned in four locations in February 2019.

APEC 2018 Leaders Forum | Papua New Guinea | October 2018 - November 2018

We were the authority behind organisational procedures for all aviation activities in the Asia Pacific Economic Leaders Forum in November 2018. Under the engagement of the Australian Government Department of Infrastructure, Development, and Regional Cities, we executed a comprehensive assessment to ascertain readiness for aviation activities before the event began. The results showed that in-depth preparation was required to ensure the event's safety and success. We oversaw negotiations between PNG government and other authorities and managed thorough assessments of ground handling requirements, personnel and training, aircraft arrival and departure slot management and parking, and CIQ. For all issues of security, including leader protection and military aircraft movements, our experts were the primary point of contact. Several participating nations recognised us as the impetus for the success of aviation activities at this event.

Integrated Tower Support | January 2018 Ongoing

Our expert systems engineers are managing the reversal of open defects in eight commissioned integrated tower solutions for an air navigation service provider. In collaboration with the client, we're developing updated adaptations, introducing new towers, and designing new features.

We relocated our systems engineer to provide local, onsite support, which set the benchmark for clear communication, task management, and successful project execution, all while minimising costs.

OUR TEAM



Mike Lockwood

Founder | Managing Director | ATM Specialist

Mike is an expert in the aviation industry. For more than 30 years, he has held a range of positions, including General Aviation Pilot, Military and Civilian Air Traffic Controller, Trainer,

Supervisor, Manager, and Project Specialist. He headed up training design and development and training delivery for recent ATS projects. His vast experience puts him at the forefront of his team and makes him a leader in the industry.



Lyndal Wilson

Executive Director | CNS Specialist

Lyndal is an asset to ATS, especially having been the lead developer of advanced ATC intelligence. Her past roles include ATC, CNS, and ATM Specialist and Project Manager. She

has several tertiary qualifications that support the work we do with our clients on regulatory requirements.



Jamie Nicol

Airport Operation Specialist

From managing HR change initiatives to leading large scale projects such as the introduction of a new fleet type (A330 wide-body), Jamie has spent 20 years expanding and honing his

aviation expertise. He's a vital part of ATS, particularly in networking with stakeholders, airport operations, and regulatory requirements.



John Ruttiman

Aviation Specialist

John joined ATS with an impressive portfolio of practical and technical expertise spanning 30 years in Australian aviation. He has been an integral part of several large-scale projects. Now,

John's primary role is Managing Director of Adept ATC Consultancy. He is currently at work on a complex training package for international clients.



Forster Breckenridge

Negotiation and Advocacy Specialist

ATS is fortunate to have Forster as an integral part of the team. His experience as an Engineer and Operational ATC specialist lends expert support to our clients' negotiations. Having

headed up the Royal Australian Air Force branch, Forster brings an unparalleled level of leadership to ATS.



Mark Boys

CNS | ATM Specialist

Mark brings a high degree of expert guidance to ATS and our clients, having held positions in safety and risk management, investigations, system requirements, training, and project management.

He played a leading role in improving and delivering the Airservices Australia Safety Investigation courseware. Most recently, Mark introduced and managed one of the most impactful ATM projects in Australia.



Frank Cannata

Test and Engineering Specialist

Frank brings a wealth of technical expertise to ATS, acquired through his roles as Test Manager and Integration Lead for Airservices Australia's National Tower Program. His past projects leading sophisticated

ATM systems designs, planning, and implementation have significantly supported our clients' work in rectifying system defects, designing and installing upgrades, and driving new projects.



Luke Chandler

Airspace Specialist

Luke is a qualified Terminal Instrument Flight Procedure Designer (ICAO PANS-OPS) and ATC for ATS. His experience in Operational Training and Course Delivery greatly supports ATS's commitment to providing excellent client service.



Martin Simkins

ATM/Safety Specialist

Martin's knowledge and expertise in operations and management make him an essential member of the ATS team. He plays a crucial role in educating our clients around safety decisions in the context of operational requirements.



DAVIDE RARO

System Engineering Specialist

Davide has a deep experience in the ATM and Meteorological Domains. He is a highly motivated Project Systems Engineer and Manager with experience of budget, planning, reporting and project

communications to provide a flexible, pragmatic, and proactive project support service to programmers and projects.