

Technology to guide your future



OPERATING BASES

We are an international leader in flight inspection, navigation and communication systems, working for civilian and military clients in more than 70 countries across the globe.



Our innovative, flexible and personalised services include flight inspection, flight validation, airfield lighting, leading-edge navigation and communications systems, and real-time passenger information for public transport.

Getting to know us

Radiola is based in New Zealand and is proudly 100 per cent owned by management and staff. Our head office in Porirua, New Zealand is complemented by our forward bases in Kenya (Nairobi), Fiji, Singapore and Florida (to service the Caribbean).

“ We are very satisfied with the work carried out by Radiola over the years, and this short deployment was no exception.

OFFICE NATIONAL DES AÉROPORTS (MOROCCO)

Set up in 2003, our business specialises in aeronautical navigation aids, flight inspections and flight validations, which allow us to provide a variety of complete solutions for a wide range of customer requirements. We've built a reputation for providing flight inspection and related aviation services to the highest international standards of safety and compliance.

The development of real-time passenger information systems and software has enabled us to extend our operations beyond aviation into public transport information systems.

We deliver projects all over the world, from the Middle East, Africa, the Asia-Pacific, the Caribbean and South America.

“ Radiola's ability to manage the logistical and operational difficulties of missions in an unfamiliar country was well demonstrated by the successful deployment of aircraft and flight inspection staff for operations at Indian Air Force bases throughout India.

TATA POWER CO LTD, SUJOY GHOSH, PROJECT MANAGER
(TATA POWER IS THE PRIME CONTRACTOR FOR AIRFIELD UPGRADES FOR THE INDIAN AIR FORCE.)

Our staff are experienced with working in remote environments during times of natural disaster or in support of humanitarian agencies. The integrity, ingenuity and flexibility demonstrated by our people is critical to our company's continuing success worldwide.

A multi-award-winning company, we're recognised for providing our customers with services that meet, and often exceed, their compliance, safety, commercial and operational expectations. We have an excellent track record for project delivery, which is underpinned by our commitment to quality.

What we offer

TAKING FLIGHT

Flight inspection

Flight inspections of all ground-based navigation aids is a core service in compliance with International Civil Aviation Organization (ICAO) standards and certified by a variety of civil aviation authorities around the world. Services are delivered to airport operators, national aviation authorities and airport construction companies including military airfields.

“ *To date Radiola has flown in excess of 200 hours of flight inspection services across India, all of which involve managing the logistics presented by the high-density-traffic locations.*

TATA POWER CO LTD

We use the latest-technology flight-inspection systems from Airfield Technology, Inc (United States). These fully automatic systems allow us to provide cost-effective and efficient flight inspections thanks to fast and accurate data acquisition, analysis and reporting.

Safety and risk management are the most important aspects of our operations. Our Civil Aviation Authority of New Zealand approved Safety Management System is enhanced by our risk-mitigation strategies. These processes are developed using experience and real-time knowledge and are enhanced by external inputs from organisations such as International SOS and MedAire. By utilising these processes in combination with the full participation of affected staff, Radiola has continued to deliver critical services even during the COVID-19 pandemic.

“ *... have worked with Radiola for the past four years and are very pleased with their service. Have just signed for another three years... Always very professional, timely and efficient.*

JAMAICA CIVIL AVIATION AUTHORITY

Flight validation of instrument flight procedures

Our experienced flight-validation crews have completed validation missions in many parts of the world, with more than 2500 procedures validated to date. Systems and processes utilised follow the requirements of ICAO Quality Assurance Manual for Flight Procedure Design and have been approved by multiple international regulators.

Flight validation is a highly specialised activity that ensures:

- instrument flight procedures meet operational requirements
- obstacle assumptions during the procedure design process are correct
- the pilot workload is acceptable
- the air traffic environment is assessed.

Radiola's flight validation pilots, observers and specific software tools enable:

- pre-flight checking of all data for accuracy and completeness
- during flight, evaluations of obstacles and proposed operational procedures to ensure the design can achieve the desired purpose, safe flight and acceptable cockpit workload
- after-flight analysis and reporting with replay capabilities in case corrections or enhancements are required.

Navigation and communication

We provide navigational aids and communication equipment to meet all requirements. Our team has more than 50 years' experience in the defence and aviation equipment market, which has resulted in excellent relationships with many of today's leading electronic system providers.

Many of our projects require communications equipment as a stand-alone package or in support of nav aids installations. We supply voice and data communications equipment to meet the most basic, right through to the most complex, ground and airborne communications requirements.

“ *Throughout our business relationship, Radiola has demonstrated outstanding reliability and has consistently provided excellent service.*

KAPITI COAST AIRPORT, JASON RUSSELL, AIRPORT MANAGER

Military systems

With many years of military experience, we are able to customise electronic systems to meet the demanding military tactical environment. We install and support an extensive range of radio communications and microwave fixed and mobile equipment.

Airfield lighting

Sophisticated navigation aids allow aircraft to locate airfields and approach runways, but without reliable airfield lighting systems they may not be able to land.

Using the latest technology, we consider product performance, compliance, operating costs, your budget and your delivery time to give you the best value and to deliver fully compliant airfield lighting solutions.

SMART LAND-BASED TECHNOLOGY

Real-time smart transit management

Radiola's Real Time Information system is a cloud-based GPS tracking system incorporating a sophisticated prediction engine to provide up-to-the-second bus service information. The system knows at any given time where a bus is and can predict the bus's arrival time at any bus stop along the chosen route. The 'Dynamis' prediction engine is an in-house development designed to meet the specific needs of New Zealand transport operators.

This technology provides travellers with real-time passenger information via websites, smartphones, phone apps and bus-stop displays.

In addition, the system incorporates management reporting software so transport agencies and bus companies can collect bus movement data, allowing them to keep an eye on how well their networks are operating and reporting on potential performance deficiencies.



CUSTOMER SUPPORT

Our highly trained and experienced support staff provide 24/7 operational management and maintenance support.



Why choose us?

We're well known for our flexibility and responsiveness. Our 'can-do' attitude means we deliver to your timeframes, not ours, we operate wherever you are in the world and we take ownership of your projects to make sure you get the best outcomes.

We are innovative in the way we conduct our business, all while maintaining the highest standards of safety and compliance with regulatory requirements.

“ *Radiola is an extremely flexible company, nothing is too much trouble. The reports and certificates are of a very high standard.* ”

CAYMAN ISLANDS AIRPORTS AUTHORITY, MALCOLM ALDRIDGE,
COMMUNICATIONS NAVIGATION SURVEILLANCE MANAGER

Our staff have proven technical and operational competence and understand and respect the cultural differences of our customers. Our deployable staff demonstrate professional and social skills that promote flexibility and agility.

We conduct our business in accordance with internationally recognised ethical standards.

“ *Radiola is considered one of the reliable companies accredited to our airport due to its valuable role in the management of risks in our operations, through elaborate and precise inspections and tests carried out for the airport, as well as through their technical crew with excellent expertise in their field of work.* ”

SULAYMANIYAH INTERNATIONAL AIRPORT (KURDISTAN),
TAHIR QADIR, DIRECTOR-GENERAL

We have excellent systems in place to make sure you get your reports quickly to provide your civil aviation authority with the assurances needed.



Get in touch

Email: contact@radiola.co.nz

Phone: New Zealand, +64 (0) 4 237 9230