

ATEC® Series 7

Maximize Fleet Availability with
Scalable Avionics Testing



ATEC Series 7 is a modular avionics MRO test bench designed to help airlines, OEMs, and maintenance providers accelerate turnaround times and improve operational performance.

ATEC® Series 7

Broad Coverage Across Avionics Systems and Platforms

ATEC Series 7 delivers comprehensive test coverage for a wide range of avionics systems and LRUs, enabling diagnostics, validation, and compliance verification across multiple aircraft platforms.

It supports both civil and defense applications and is compatible with a broad range of aircraft systems, including major OEM platforms. Its extensive test program library supports consistent and repeatable testing without the need to develop procedures from scratch. Built for high demand MRO environments, it ensures stable performance under heavy workloads, supporting predictable maintenance operations.



Product Highlights:

- Improve fleet availability through faster part qualification
- Optimise spares stock, returning NFF within 3 days
- Reduce maintenance costs and improve ROI through automated workflows
- Leverage an extensive library of proven test programs
- Standardize testing across fleets and platforms
- Long-term support and maintenance for test benches and test programs

Key Benefits:

- Improve fleet availability by accelerating repair and validation cycles
- Ensure reliable return to service with consistent test execution
- Increase diagnostic accuracy and reduce rework
- Extend system lifetime through modular upgrades



→ Accelerate Repair Cycles

The ATEC Series 7® supports every step of the maintenance workflow. It is designed to optimize spare parts usage and reduce dependency on legacy hardware by enabling more efficient test and repair cycles. Technicians can connect LRUs, execute test sequences, identify faults, and confirm system performance within a single environment. This reduces complexity, accelerates repair cycles, and ensures consistent results across teams and locations.



With access to a large library of test programs, teams can reuse existing procedures instead of developing new ones from scratch. This reduces engineering effort while ensuring repeatable and standardized testing.

→ Built for MRO Efficiency

Designed for real-world maintenance operations, ATEC Series 7 supports efficient and reliable workflows:

- Connect and test different LRUs with minimal setup
- Perform diagnostics and fault isolation in one system
- Validate repairs before return to service
- Reduce wait time for NFF from 5 weeks to 3 days
- Keep test equipment available with reduced downtime

ATEC® Series 7



Download
our Complete
TPS Library
with over
600 Test Plans

Modular and Scalable Architecture

ATEC Series 7 supports a wide range of aircraft systems and enables standardized testing across fleets through a configurable and expandable platform. It allows incremental upgrades and system expansion over time, ensuring compatibility with evolving avionics technologies and changing maintenance requirements.



Technical Highlights:

- PXI and LXI based architecture
- Up to 3600 test points
- Integrated FPGA module
- New switching unit
- Compatible with existing ATEC Series 6 test programs
- Remote operation capability

→ Optimize your avionics maintenance operations with a scalable and future-ready test solution. Contact us to learn how ATEC Series 7 can reduce turnaround times, improve diagnostic accuracy, increase ROI, and support your fleet across its full lifecycle.