

Embedded and matured test automation platform capabilities in ATM system test tool

Transparency provided by:	full audit trail, test history, analytical reports, aggregated reports, coverage reports
Easy maintenance of test cases:	understandability, reuse, model repository, impact analysis, specified test data library
Automatic execution and evaluation of tests:	Scheduled runs, triggered runs, automatic reports, run by test case, run by test suite
Test data management:	dynamic, real time, managed unique (Callsigns, SSR codes), design time (AIP dependent)
Competency needed in-house:	ATM domain knowledge, ATCO practice, system operation, but no programming

Generic hybrid test automation platform capabilities



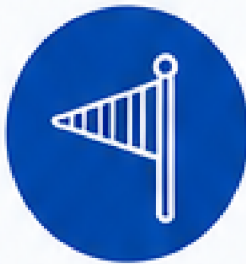
HYBRID TEST AUTOMATION

Model based testing: defined inter-faces, design support, optional test generation

Keyword based testing: only a few keywords to observe, manipulate, sync, transform

Data driven testing: separated test data, elementary and structured test data

Low-code: drag-n-drop instead of scripting



SUPPORTED TEST TYPES

Technical level: auto-regression, smoke, configuration, connectivity, interfaces, performance, capacity

Basic functional level: layout, data entry, input validation, state transitions

High level: integration, use-case, process, end-to-end, error reproduction, environment management, regression

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