

MIL-STD-1553

MAG 250 : 1553 Acquisition System

INTEGRATED SOLUTIONS

MAG 250 system acquires, analyzes and simulates one or several MIL-STD-1553 buses. It meets every test engineer's requirements : configuration, acquisition, visualization and real time processing, replay and post processing. The system is based on the software MAGALI it gives the user all its functionalities, working in the same environment. With its modular architecture, this dynamic solution adapts quickly every new requirement.

Main features

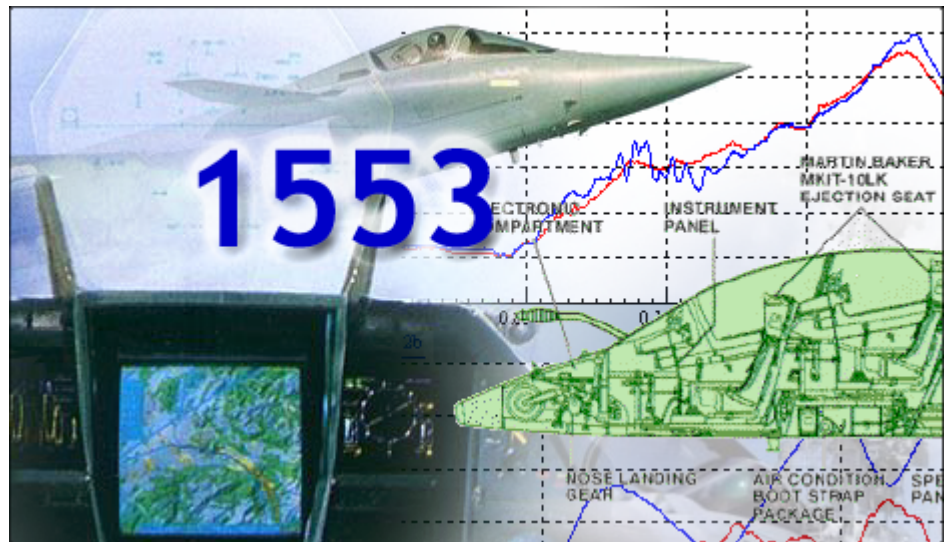
- Complete solution
- Flexible
- Upgradable
- Acquisition
- Simulation
- Multi-sources
- Standalone or distributed
- On network (NDA)

Telemetry format

- Bus Monitoring (BM)
- Bus Controller simulation (BC)
- Remote Terminal (RT)
- Complete bus emulation (BM/BC/RT simultaneously)

Performances

- MIL-STD-1553 A/B format
- Acquisition with storage
- 32000 parameters
- 24 simultaneous graphic displays
- More than 100 visualization objects per display



Key points of the MAG 250 solution

- Acquisition and storage onto disk of all the messages running on the 1553 bus in Monitoring mode
- Decommutation of parameters from 1553 messages
- Bus controller, remote terminal simulation
- Real time visualization on customized graphic displays
- Analysis of 1553 messages with a browser
- Real time processing, calculation, alarms, ...
- Post processing visualization, graphic analysis, test report
- Post processing analysis, mathematics, frequential, statistic analysis
- Test organisation with **MAGALI** test manager
- Test configuration via tree structure input masks.

