

# Fly-By-Wire Ground Tester – Mirage-2000



## CHALLENGE

The current testing landscape faces significant challenges, including high acquisition costs for imported systems and limited support from international O.E.Ms. Frequent system failures, dependence on proprietary OEM cards, and the risk of component obsolescence further hindering operational efficiency, increase maintenance burdens, and constrain long-term sustainability of mission critical testing processes.

## SOLUTION

- Indigenized COTS-Based System: Reducing cost and International O.E.M. dependency
- Software-Controlled Testing: User-friendly and flexible operation
- Rugged & Portable O-Level Tester: Field-ready for lab and fleet use

## PLATFORM

- NI's Compact DAQ-Based System: Reliable, high-performance data acquisition

| KEY BENEFIT                    | DESCRIPTION                                  |
|--------------------------------|----------------------------------------------|
| True Plug & Play               | USB-based ease of use                        |
| Portability                    | Easy deployment in labs or operational fleet |
| Cost-Effective                 | Lower expenditure for defense budgets        |
| Built-in Self-Diagnostic Tests | Enhanced reliability and reduced downtime    |
| Compliance                     | Suitable for lab and fleet-level testing     |

