



## TOUCH & FIX



# SEMS

# SMART ELT MAINTENANCE SYSTEM



ELETRONICA GROUP

**The Smart ELT Maintenance System (Smart EMS)** increases equipment availability by drastically reducing the down-time related to maintenance

The **SEMS** embodies Elettronica's over 60 years of invaluable experience in the manufacture and servicing of military electronic systems together with today's modern and commercial handheld devices that consent a new hands-off approach to maintenance procedures. It is the perfect match to Elettronica's newest Electronic Warfare systems, featuring embedded prognostic hardware for early failure detection and recovery.

## **SYSTEM CHARACTERISTICS**

- The System Maintenance Mode activation and Maintenance Procedure are supported by a dedicated Test Plug enabling wireless test functionality (wired as option)
- Fully integrated maintenance system with intuitive touch-screen interface
- Open multi-mobile environment
- Technical Data and Software real-time update
- Secure Wireless Encrypted communication with Device Under Test and Smart EMS Server
- Fully customizable according to Customer requirements and existing infrastructures
- Multi-system capability, enables the same Smart EMS to support several equipment
- Performance Based Logistics (PBL) maintenance options. All versions can be integrated with ECM systems and platform data bus.

## **SYSTEM FUNCTIONS**

The Smart EMS main functions, available at both operational and intermediate levels, are:

- System HW & SW Configuration Verification and Status Accounting
- Step-by-step aided system diagnostic and maintenance
- Parts & Tools management
- On-line Helpdesk support
- Interactive technical publications and training support

## **SYSTEM ARCHITECTURE**

The Smart EMS interacts with the System/Device Under Test and its architecture is composed of:

- Test plug
- Maintenance Interface Device (tablet or other handheld device)
- Smart EMS Server that can, as option, interface with Elettronica's Enterprise Resource Planning (ERP) and existing Customer ERP assets
- Data Security devices

