

Supportability Wireless Maintenance Assistant

Mobile Data Collection, Processing and Analysis

Developed for the U.S. Navy, the Supportability Wireless Maintenance Assistant (SWMA) provides a ruggedized Tablet PC platform and flexible software toolkit that easily interfaces with legacy applications and workflow. SWMA is designed to facilitate maintenance and logistics in challenging environments by improving information exchange, user mobility and connectivity.

- ▶ A fully-militarized computer designed for and by the end users.
- ▶ Provides data/applications that users require, when and where they need it.
- ▶ SWMA increases efficiency and reduces workload.



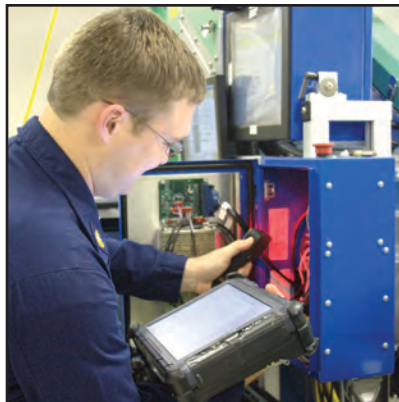
Designed Specifically for the Maintenance and Logistics Community

The SWMA platform successfully underwent a Military Utility Assessment (MUA) during the Trident Warrior 2009 exercises, proving the value of SWMA as a key technology for interfacing with legacy systems in a generic manner and providing tremendous manpower savings and with high efficiency and effectiveness. The results:

"Exactly what I am looking for, worth its weight in gold."
▶ *Supply Officer*

"Look at [its competitor], SWMA does it better, stronger, and faster. You need to replace them."
▶ *Air Support Officer*

"Very impressed with the software. This is truly the frontline of technology and can be put right to work once received onboard. Outstanding job by the reps."
▶ *Repair Technician*



The full SWMA Product Line is available on GSA Schedule GS-35F-0269U.

Portable Logistics and Maintenance without Limits:

SWMA Provides Rapid, High-Performance Data Processing:

Simplified access to critical applications, scheduling and task management, with support for legacy windows apps.

SWMA Facilitates a Collaborative, Proactive Workforce:

Remote, live, on-demand access to manuals, documents, and personnel allows smaller, more efficient work teams.

SWMA Secures Sensitive Information:

Data-at-rest encryption and data protection continuously secures sensitive data.

Flexible Form Factor and Hardware Design:



- ▶ High-performance computer in Tablet PC form.
- ▶ Proven and Tested Technology for Field Maintenance Operation Environments.
- ▶ Military and Industry Standard Ruggedization, IP65 Rated Water-proof.
- ▶ Injection-molded Backplane Facilitates Rapid Production and Deployment.
- ▶ Wireless and Wired Networking Operations.
- ▶ Enhanced Display Option for Sunlight Readability.
- ▶ Customizable Strap/Carry Options, from Handle-only to Full-body Harness.

SWMA Docking Stations:



- Remote Unit Monitoring
- File Management and Synchronization
- Secure Storage and Backup
- Unit and Spare Battery Recharging

Multiple Source Data / Information Capture:



- Still Image and Video Recording
- 1D-2D Barcode / UID Scanner
- RFID Reader
- Smart Card (CAC) Reader
- Multimeter
- Direct Equipment Interface
- On-the-fly Battery Swapping

Customizable Docking Solutions:



- 19" Rack Mount
- Vehicle Mount
- Wall Mount
- Desk/Surface Mount

SWMA Unit Physical and Operating Environment Specifications:

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| <p>Dimensions (without backplane):</p> <ul style="list-style-type: none"> • width = 11.9", height = 9.09" • depth = 3.25", weight = 6.0 lbs. <p>MIL-STD 810F Enclosure:</p> <ul style="list-style-type: none"> • Method 512.4 • Procedure 1 (Sand/Dust/Salt Fog) • Solar Radiation, UVB, IP65 (Equiv.) <p>10.4" XGA (1024x768) Display:</p> <ul style="list-style-type: none"> • Pen & Finger Touch Dual Mode | <p>Temperature Ratings:</p> <ul style="list-style-type: none"> • MIL-STD 810F • Methods 5014/502.4 • -4° to 140° (operational) • -40° to 167° (storage) <p>Shock & Vibration Ratings:</p> <ul style="list-style-type: none"> • MIL-STD 810F • Method 516.5 • Up to 4ft drop (to concrete) • 75g, 11ms Crash Shock | <p>Processor Options:</p> <ul style="list-style-type: none"> • Intel U2500 Core Duo (12 GHz) • Intel Celeron M (1.06 GHz) <p>Memory Options (one slot):</p> <ul style="list-style-type: none"> • 1GB DDR-II RAM (standard) • 2GB DDR-II RAM (option) <p>Hard Drive Options:</p> <ul style="list-style-type: none"> • 120GB Hard Drive (standard) • 32GB Solid State Drive (option) | <p>Wireless:</p> <ul style="list-style-type: none"> • Bluetooth 2.0 • FIPS 140-2 compliant 802.11a/g/n (option) • Other wireless methods (optional, available) <p>Battery:</p> <ul style="list-style-type: none"> • 7600 mAh (55Whr) battery • Up to 5 hour lifetime • 3.5 hour full-recharge | <p>Ports and I/O Connections:</p> <ul style="list-style-type: none"> • 3 USB 2.0 ports • 2 SWMA Module Connectors • RJ-45 Gigabit LAN Ethernet • Serial Port (RS232/422/485) • VGA out (option instead of serial port) • Smartcard Reader (optional) • Headset Jack • Microphone Jack • DC-in Jack |
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