

## Supportability Wireless Maintenance Assistant (SWMA)

### SWMA Modernizes the Industrial Base

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.

SWMA solutions provide data/applications that users require, when and where they need it — increasing efficiency and reducing workload while modernizing the industrial base, one application at a time.

### SWMA Software: Tailored to Your Application

SWMA software provides portable logistics and maintenance without limits, securing sensitive information while providing remote access that facilitates small and more efficient work teams.

The SWMA software in every package is customized for specific needs, in order to interface with the systems and programs you use — providing not just savings and efficiency, but making deployment of your SWMA solution rapid and painless. The first version of the SWMA software was designed specifically for the Maintenance and Logistics Community, and underwent a successful Military Utility Assessment (MUA) during the Trident Warrior 2009 exercises, proving the value of SWMA's software and technological approach.

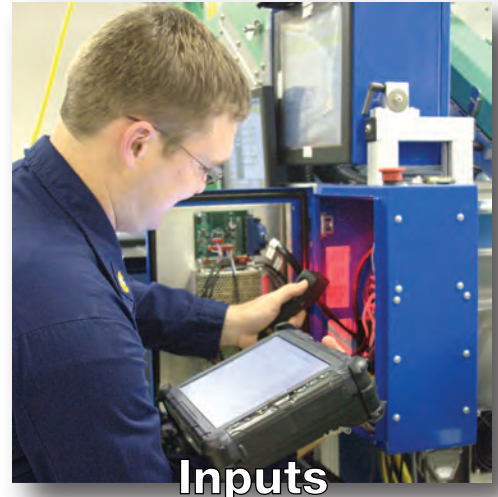
### SWMA Packages: Custom Solutions that Fit Your Needs

Cybernet Systems is uniquely qualified to provide custom solutions for your application — small enough to care about every customer package, but still extensively experienced at dealing with complicated government projects, contracts, and Cyber Security certifications.

Already-deployed SWMA packages have extensive use history, and have been field-tested with Major End-User Participation to show defined success and significant ROI:

- ▶ **SWMA provides live down-range inventory, work-order and service request access.**
- ▶ **SWMA provides real-time automated training equipment tracking.**
- ▶ **SWMA augments Training Exercise Control (EXCON) Capabilities.**

*White papers on these deployments are available at [swma.cybernet.com](http://swma.cybernet.com).*



**Inputs**



**Applications**



**Results**

**SWMA Packages Provide Portable Logistics and Maintenance Without Limits**

## SWMA Hardware: Complete MIL-STD 810G Ruggedized Packages

Not every situation calls for a military-grade hardware solution, so SWMA solutions are always tailored to your specific needs and budget. For when you do need it, we offer a complete ruggedized Tablet PC platform that includes accessories, docking stations, and mounting options.

SWMA hardware solutions feature fully-militarized hardware (MIL-STD 810G), and include a wide variety of modules and options to support your custom applications. Cybernet's SWMA hardware is available on our GSA schedule (GS-35F-0269U).



### Flexible Form Factor and Hardware Design:

- ▶ High-performance computer in Tablet PC form, with 32/64-bit OS compatibility.
- ▶ Proven and Tested Technology for Field Maintenance Operation Environments.
- ▶ Military and Industry Standard Ruggedization, IP67 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.



### Customizable Docking Solutions

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

### SWMA Docking Stations

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



### Multiple Source Data/Info 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

### SWMA Unit Physical and Operating Environment Specifications:

<p><b>Dimensions (with backplane):</b></p> <ul style="list-style-type: none"> <li>● width = 11.75", height = 9",</li> <li>● depth = 3.375", weight = ~5.5 lbs.</li> </ul> <p><b>MIL-STD 810G Enclosure:</b></p> <ul style="list-style-type: none"> <li>● Method 512.4</li> <li>● Procedure 1 (Sand/Dust/Salt Fog)</li> <li>● Solar Radiation, UVB, IP67 (Equiv.)</li> </ul> <p><b>10.4" XGA (1024x768) Display:</b></p> <ul style="list-style-type: none"> <li>● Pen &amp; Finger Touch Dual Mode</li> </ul>	<p><b>Temperature Ratings:</b></p> <ul style="list-style-type: none"> <li>● MIL-STD 810G</li> <li>● -4° to 140° (operational)</li> <li>● -60° to 160° (storage)</li> <li>● Humidity 3% to 95%</li> </ul> <p><b>Shock &amp; Vibration Ratings:</b></p> <ul style="list-style-type: none"> <li>● MIL-STD 810G</li> <li>● Method 516.5</li> <li>● Up to 4ft drop (to concrete)</li> <li>● 75g, 11ms Crash Shock</li> </ul>	<p><b>Processor Options:</b></p> <ul style="list-style-type: none"> <li>● Intel Core i7 620 UE</li> <li>● (1.06 GHz, 2.13 Ghz Turbo)</li> </ul> <p><b>Memory Options (two slots):</b></p> <ul style="list-style-type: none"> <li>● 2GB DDR3 RAM (standard)</li> <li>● Up to 8GB* DDR3 RAM (option)</li> </ul> <p><b>Hard Drive Options:</b></p> <ul style="list-style-type: none"> <li>● 320GB Hard Drive (standard)</li> <li>● 80GB Solid State Drive (option)</li> </ul>	<p><b>Wireless:</b></p> <ul style="list-style-type: none"> <li>● Bluetooth 2.1 + EDR</li> <li>● FIPS 140-2 compliant 802.11a/b/g/n (option)</li> <li>● Other wireless methods (optional, available)</li> </ul> <p><b>Battery:</b></p> <ul style="list-style-type: none"> <li>● 10-cell (68.5Whr) battery</li> <li>● Up to 6.5 hour lifetime</li> <li>● Warm Swap Capability</li> </ul>	<p><b>Ports and I/O Connections:</b></p> <ul style="list-style-type: none"> <li>● 3 USB 2.0 ports</li> <li>● 2 SWMA Module Connectors</li> <li>● RJ-45 Gigabit LAN Ethernet</li> <li>● Serial Port (RS232/422/485)</li> <li>● VGA out (option instead of serial port)</li> <li>● Smartcard Reader (optional)</li> <li>● Headset Jack</li> <li>● Microphone Jack</li> <li>● AC/DC Power</li> </ul>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

\* - Configurations with 4-8GB RAM require supported 64bit Operating System

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