



***INSITE™ is a pioneer in the field of Space and Asset Management.***

*For more than 40 years, INSITE Space Management and Asset Management solutions have been used by some of the most prestigious institutions around the world to manage, plan and report on space and assets. Whether your institution is large or small, INSITE has a solution to meet your needs.*

*With INSITE, quickly find, access, and analyze data using one uniform interface. Groups are no longer interdependent upon one another for reports and analysis. And, best of all, results are very fast. Your data appears as lists or easy to understand graphic floor plans on your PC within seconds.*

# Mobile Equipment Inventory

## Mobile Computer and Software

Equipment physical inventories are one of the most time-consuming and labor-intensive tasks for asset managers. It is also one of the most crucial. The INSITE Pocket-FM™ Equipment Inventory Solution is a hardware and software combination that significantly increases inventory accuracy and speeds the physical inventory process. A mobile computer, a wireless handheld device with a built-in laser scanner and software allow asset inventories to be performed anywhere. The mobile computer also contains programs from INSITE to improve the speed and accuracy of performing a physical inventory—text files to populate different fields throughout the application like Building, Floor, Asset Name, etc. are all drop-down lists driven by data that you supply from your asset database.



## Dynamic Inventory Verifies Existing Assets

Verify asset information including asset barcode label number, building, floor, room, condition, and add a comment. Record an old barcode label number and replace it with a new barcode label number. Add new asset information including all of the dynamic information above as well as asset name, manufacturer, serial number, and model number. Export scanned data out to your accounting or asset database. Standard file formats allow work with popular spreadsheet and database applications.

## Symbol MC50 Mobile Computer

After much research and testing of handheld PDA's, INSITE selected the MC50 from Symbol Technologies for its durable design, input options, and efficient and accurate data entry. The MC50 is first in a class of mobile computers that combines an enhanced PDA-style form factor with optimal performance to operate enterprise-level applications. Using the built-in scanning and imaging features of the MC50, you can easily inventory bar coded items and take images of items in the field for which the purpose or function (i.e., nomenclature) is unknown.

## Benefits

- Inventory thousands of assets
- Supports cyclic and ad hoc inventory periods
- Speed up inventory process, saving time and money
- Improve accuracy of data capture
- Meet audit requirements
- Comply with government regulations
- Minimize paperwork

## Pocket-FM Equipment Inventory Solution

- INSITE Pocket-FM Equipment Inventory Software
- Symbol MC50 Mobile Computer  
(MC5040-PK0DBQEA7WR)
- Desktop Cradle Kit: Single slot cradle, USB cable, Power supply, Line cord (CRD5000-100UR)
- Spare Battery, 1560mAh, Li-ion (BTRY-MC50EAB00)
- Case, rigid belt mount with swivel (21-67292-01R)
- Screen Protector, 3/pack (KT-67525-01R)
- Stylus, replacements 3/pack (11-67289-01R)
- 36 Month Service Warranty with telephone support, repairs, alignments, adjustments, and restorations if product malfunctions while being used within normal operational parameters. 3-day in-house turnaround goal. Customer ships to manufacturer repair facility directly. (SSB-MC5040-30)

### MC50 Hardware Options:

#### Mobile Computers

- MC50; PIM Key, Imager 1D/2D with 1560mAh battery  
Part Number: MC5040-PK0DBNEA7WR
- MC50; PIM Key, Imager 1D/2D with 3600mAh battery  
Part Number: MC5040-PK0DBNEA8WR
- MC50; Qerty Key, Imager 1D/2D with 1560mAh battery  
Part Number: MC5040-PK0DBQEA7WR
- MC50; Qerty Key, Imager 1D/2D with 3600mAh battery  
Part Number: MC5040-PK0DBQEA8WR

#### Batteries

- Spare Battery 1560mAh Li-on  
Part Number: BTRY-MC50EAB00
- Spare Battery 3600mAh Li-on  
Part Number: BTRY-MC50EAB02

#### Carrying Devices

- Belt Holster/Case, Soft  
Part Number: 21-67294-01R
- Rigid Holster/Case, Rigid Belt Mount w/Swivel  
Part Number: 21-67292-01R
- Hand Strap  
Part Number: 11-67297-01R

#### Chargers

- Charger, 1 Slot USB Cradle Kit (Includes USB Cable, Power Supply and US AC Line Cord)  
Part Number: CRD5000-100UR
- Charger, 4 Slot USB Cradle Kit (Includes Power Supply, DC Cable, and US AC Line Cord)  
Part Number: CRD5000-400UR
- Charger, 4 Slot Battery Charger Kit (Includes Power Supply and US AC Line Cord)  
Part Number: SACX000-400CR
- Charger, 4 Slot Ethernet Cradle Kit (Includes Power Supply, DC Cord and US AC Line Cord)  
Part Number: CRD5000-400ER

#### Screen Guard/Cover

- Screen Protector, 3/pack  
Part Number: KT-67525-01R

#### Stylus

- Stylus, Standard Replacement, 3/pack  
Part Number: 11-67289-01R
- Tether for Stylus, 3/pack  
Part Number: KT-73440-01R

#### MC50 Service Option:

- Service from the Start—Bronze; 36 Month Service Warranty delivers seamless support and three-day in-house repair of your MC50 through Symbol's Customer Interaction Center and world-class service centers. Service from the Start—Bronze provides enhanced support over the Standard 12 Month Warranty:
  - Priority response and call escalation
  - Enhanced level of service coverage for cosmetic repair, wear and tear
  - Automatic application of engineering changes that is not available for warranty or non-contract repair.
  - Customer ships to Symbol repair facility directly.Part Number: SSB-MC5040-30

<b>Mobile Computer Specifications</b>	
<b>Physical Characteristics</b>	
Dimensions:	5.35" H x 2.95" W x 1.13" L (136 mm H x 75 mm W x 29 mm L)
Weight (w/battery)	6.77 oz (192 g)
Display:	Transflective color TFT-LCD, 65K colors, 240 (W) x 320 (L)
Touch Panel:	Glass analog resistive touch
Backlight:	LED backlight
Main Battery:	Rechargeable Lithium Ion 3.7V, 1560mAh
Backup Battery:	Ni-MH battery (rechargeable) 15mAh 1.2V, 1 cell
Expansion slot:	User accessible SDIO slot
Notification:	Vibrator and LED
Keypad:	QWERTY: 37-key
Audio:	Speaker, receiver, microphone, headset jack.
<b>Performance Characteristics</b>	
CPU:	Intel® XScale™ 520 MHz processor
Operating System:	Microsoft® Windows Mobile™ 2003 Second Edition
Memory:	64MB RAM/ 64MB ROM
Interface:	RS-232, USB 1.1
<b>User Environment</b>	
Operating Temp.:	0° to 50° C (32° to 155° F)
Storage Temp.:	-25° to 60° C (-13° to 140° F)
Humidity:	95% non-condensing
Drop Specification:	3' drop to tile over concrete, 1 drop per side at 21° C ( 70° F)
Electrostatic Discharge (ESD):	+/-8kV air discharge, +/-8kV direct discharge
<b>Wireless Data and Voice Communications</b>	
Wireless Local Area (WLAN):	IEEE® 802.11b
Data Rate:	1/2/5.5/11 Mbps
Frequency Range:	2.4 to 2.5 GHz
Output Power:	14.5dBm (typical)
Security:	WEP, TKIP, LEAP, PEAP, EAP-TLS, WPA (pre-shared key)
Spreading Technique:	Direct sequence
Antenna:	Internal
Voice Communication:	Integrated Voice-over-IP ready (P2P, PBX, PTT) Wi-Fi™-certified, IEEE 802.11b direct sequence wireless LAN

<b>Data Capture - 2D Imager Engine (SE 4400) Specifications</b>	
Field of View:	Horizontal: 32.2°, Vertical: 24.5°
Optical Resolution:	640 (H) x 480 (V) pixels
Roll:	360°
Pitch Angle:	+/- 60° from normal
Skew Tolerance:	+/- 50° from normal
Focal Distance from Front of Engine:	Near: 5 inches, Far: 9 inches
Aiming Element (VLD):	650 nm +/- 5 nm
Illumination Element (LED):	635 nm +/- 20 nm
Minimum Print Contrast:	Minimum 25% absolute dark/light reflectance measured at 650 nm
Symbologies:	1D Symbology: UPC/EAN, Code 128, UCC.EAN128, RSS, Code 39, Code 93, 1 2 of 5, Discrete 2 of 5, Codabar, MSI 2D Symbology: MaxiCode, PDF417, DataMatrix, QRCode Postal Codes: U.S. Postnet, U.S. Planet, UK Postal, Australian Postal, Japan Postal
Image File Formats:	BMP, TIFF, JPEG
<b>Peripherals</b>	
Cradles:	Single-slot USB v1.1 with spare battery (1X and 2X) charging
<b>Regulatory</b>	
Electrical Safety:	UL60950 (UL marking), CSA C22.2 No. 60950 (c-UL marking), EN60950/IEC 950
Laser Safety:	IEC Class2/FDA Class II in accordance with IEC60825-1/EN60825-1
<b>Warranty</b>	
The Symbol MC50 mobile computer is warranted by Symbol Technologies, Inc. against defects in workmanship and materials for a period of 12 months from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions.	

*4 decades of direct, university-based experience in the development, delivery and support of Computer-Aided Facility Management (CAFM) systems*

## OFMS, Inc. is a Knowledge-Based Entity

As a non-profit organization, both the management and the suite of CAFM tools have roots from MIT. We supply internationally-recognized “best of breed” solutions in Space Management, integrated Floor Plans, Asset Management, Indirect Cost Recovery and Grants Tracking.

## OFMS, Inc. has Institutional Experience

- 40 years of FM and Cost Recovery effort for MIT and others
- 33 year old Consortium using common tools to address common problems
- 40 years developing and supporting CAFM systems

## OFMS, Inc. supports an International Consortium

- Includes prestigious universities in the US and 6 countries
- Membership includes 22% of the top 50 US educational institutions based on total research expenditures\*

## Using INSITE

The Consortium has included 55 academic, healthcare, government and corporate organizations.

Currently, INSITE is used to manage millions of square feet of space and billions of dollars (acquisition value) of assets

Please contact us for more information.



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