

AUGUST, 2014

EMPOWERING HEALTHCARE MOBILITY

PAUL CZERWINSKI – DIRECTOR OF HEALTHCARE



TOP 10 HEALTH IT TRENDS FOR 2014












Rank		Category	Top Priority	Priority	Important
1		Stage 2 Meaningful Use	47.1%	27.2%	14.4%
2		ICD-10 Compliance	45.7%	29.3%	13.3%
3		PHI Security	44.0%	22.6%	21.8%
4		Patient Portal / Engagement	32.2%	26.0%	24.0%
5		Revenue Cycle Management	24.2%	31.0%	25.0%
6		Electronic Medication Administration	33.1%	22.7%	19.1%
7		HIE	24.2%	28.6%	26.6%
8		Clinical Decision Support	25.5%	28.2%	21.6%
9		BI / Data Analytics	24.0%	26.4%	27.2%
10		Wireless Networking	19.8%	32.4%	25.7%

Source: *Health IT Outcomes*. Jan/Feb 2014

MEANINGFUL USE STAGE 2 CRITERIA



	Use computerized provider order entry (CPOE) for medication, laboratory and radiology orders
	Record demographic information
	Record and chart changes in vital signs
	Record smoking status for patients 13 years old or older
	Use clinical decision support to improve performance on high-priority health conditions
	Provide patients the ability to view online, download and transmit their health information within 36 hours after discharge.
	Protect electronic health information created or maintained by the Certified EHR Technology
	Incorporate clinical lab-test results into Certified EHR Technology
	Generate lists of patients by specific conditions to use for quality improvement, reduction of disparities, research, or outreach
	Use certified EHR technology to identify patient-specific education resources and provide those resources to the patient if appropriate
	Perform medication reconciliation
	Provide summary of care record for each transition of care or referral
	Submit electronic data to immunization registries
	Submit electronic data on reportable lab results to public health agencies
	Submit electronic syndromic surveillance data to public health agencies
	Automatically track medications with an electronic medication administration record (eMAR)

HEALTHCARE CHALLENGES



IMPROVE OUTCOMES

- **REDUCE** MEDICAL ERRORS, ENHANCE QUALITY
- COMPLY WITH REGULATIONS
- REDUCE READMISSIONS



STREAMLINE OPERATIONS

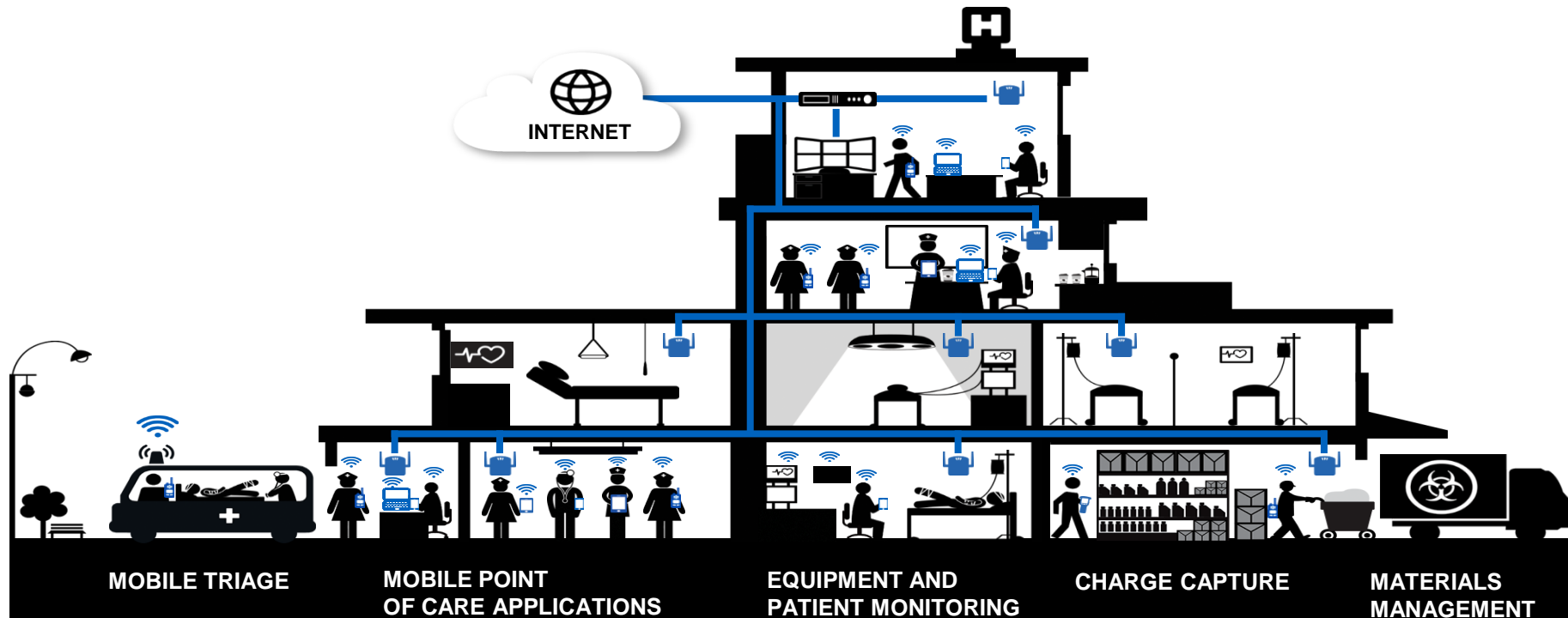
- PROVIDE CLINICIANS MORE TIME WITH PATIENTS
- **EFFICIENCY, ACCOUNTABILITY, ACCURACY, CONTINUOUS IMPROVEMENT AND CONTROL**
- IMPROVE WORKFLOW, ACCESS
- REDUCE DUPLICATION, PAPER



ASSURE CLINICAL MOBILITY

- **SECURITY, SCALABILITY, RELIABILITY**
- **DEVICE INTEROPERABILITY**
- **ACCELERATE SUCCESSFUL ADOPTION BY CLINICAL & SUPPORT STAFF**

IMPROVE OUTCOMES



**ENSURE PATIENT SAFETY & CARE QUALITY
TO IMPROVE BUSINESS RESULTS**

POINT OF CARE SOLUTIONS

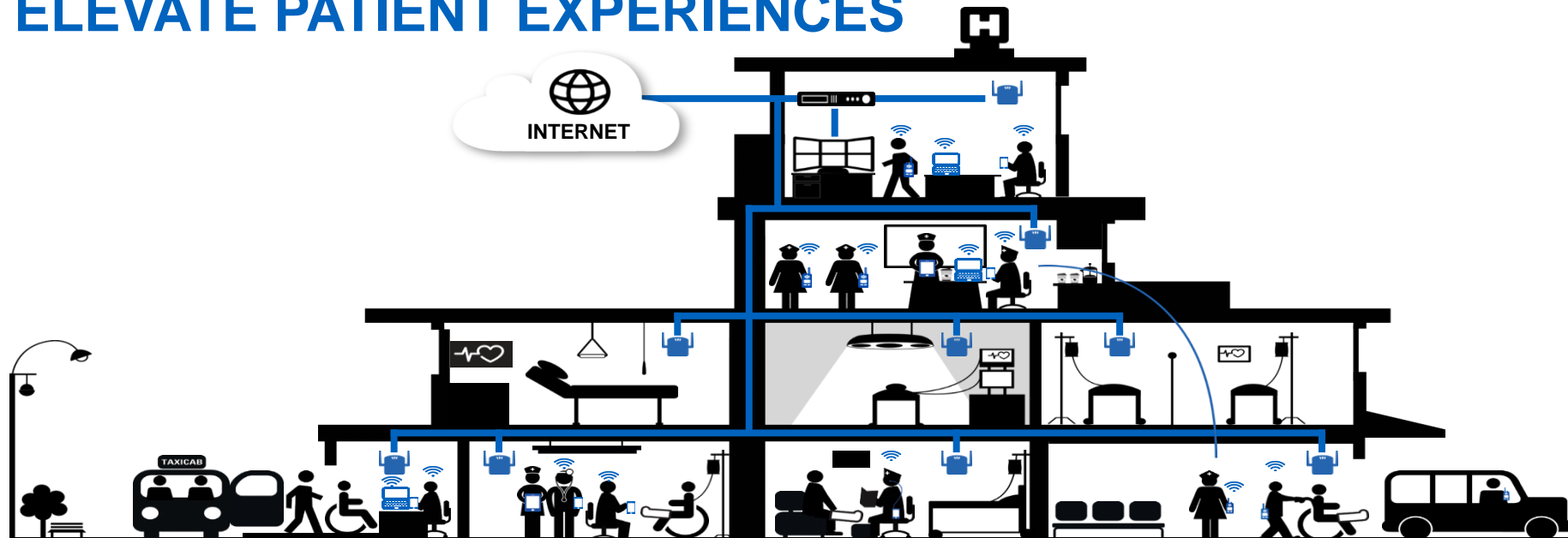


MOBILIZE EMR @ HIMSS STAGES 1 (LAB), 4 (Computerized Provider Order Entry), and 5 (Barcoded Medication Administration)

ENHANCED BATTERY LIFE & VOICE INTEGRATION ON MSI WLAN
COMPLETE WITH SECURE WIRELESS TRANSFER

STREAMLINE OPERATIONS

ELEVATE PATIENT EXPERIENCES



ADMITTING & DISCHARGE

GUEST ACCESS
& BYOD

BEDSIDE
EDUCATION &
ENTERTAINMENT

NURSE CALL

PATIENT
TRANSPORT

ENHANCE PATIENT-CLINICAN INTERACTIONS

TO CREATE PERSONALIZED EXPERIENCES

RFID AND RTLS

(Real-Time Location Solutions)



ACCURATELY TRACK THE CURRENT LOCATION OF EQUIPMENT AND PEOPLE USING A WIRELESS NETWORK



ASSET TRACKING

- Clinical equipment, beds, wheelchairs, IT assets, etc.
- Reduce capital spending
- Improve asset utilization



STAFF TRACKING

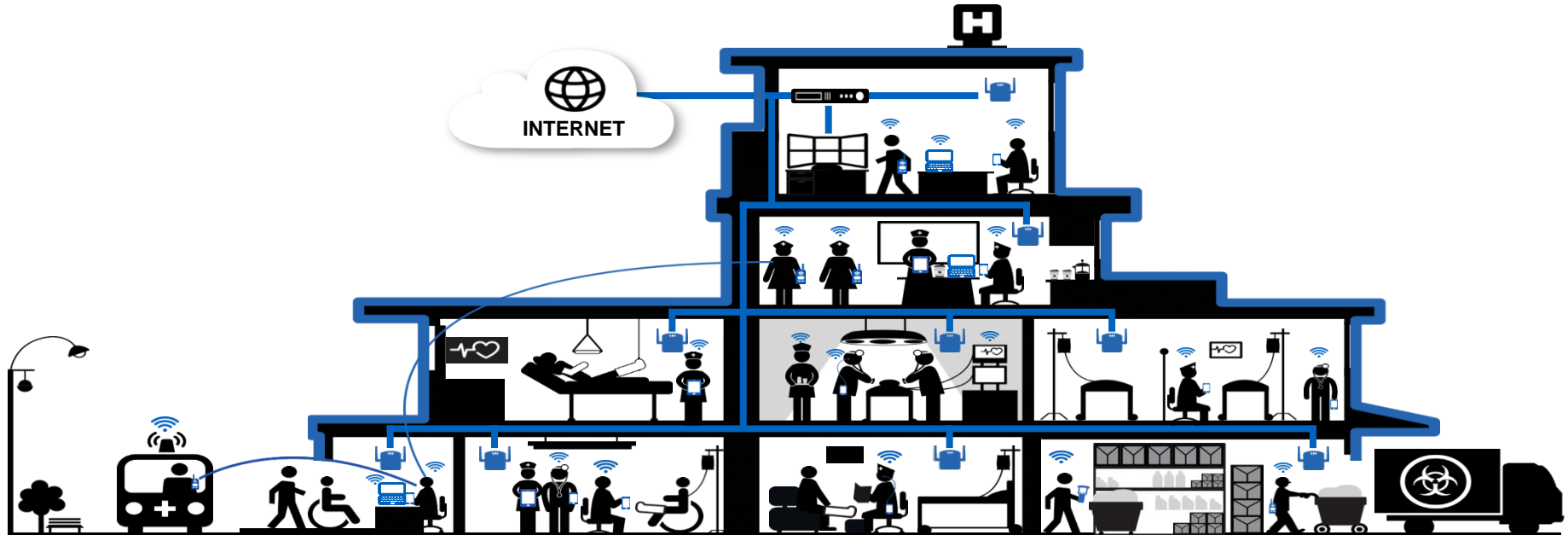
- Process/workflow improvement
- Nurse safety



PATIENT TRACKING

- Improve Patient Flow
- Safety For Long-term Care Residents
- Mental Illness Facilities

ASSURE CLINICAL MOBILITY



VOICE
INTEROPERABILITY

WORKFORCE
MANAGEMENT

PROACTIVE
TROUBLESHOOTING

NETWORK & DEVICE
SECURITY

**EXECUTE A HOLISTIC MOBILITY STRATEGY
TO GAIN THE TRUST AND SUPPORT OF CLINICIANS**

WORKFORCE PRODUCTIVITY SOLUTIONS



UNIT STAFF NURSE

- Nurse Call Integration
- Secure Text Messaging
- PBX Extension



ED STAFF & EMTs

- Interoperability between EMTs Radios and Wireless VoIP



PORTER & LAB

- Push-to-Talk
- Task Management
- Text Messaging



PHYSICIANS

- PBX Extension
- PTT Capabilities
- Secure Text Messaging

REDUCE NURSE WALKING DISTANCE BY UP TO 1.5 MI PER SHIFT
SAVE CLINICAL STAFF 30 TO 90 MINUTES PER SHIFT
ELIMINATE DISRUPTIVE OVERHEAD PAGING
FASTER RESPONSE TIME TO PATIENT & STAFF REQUESTS
BROAD RANGE OF ROLE APPROPRIATE DEVICES

BEST-IN-CLASS RECEIVER SENSITIVITY FOR LOW-POWER MOBILE DEVICES
NETWORK ASSURANCE ENSURES MISSION-CRITICAL VOICE
RELIABILITY WITH LESS ACCESS POINTS & SERVERS

AN INFRASTRUCTURE FOR HEALTHCARE SOLUTIONS



CUSTOMER NOC/DATA CENTER

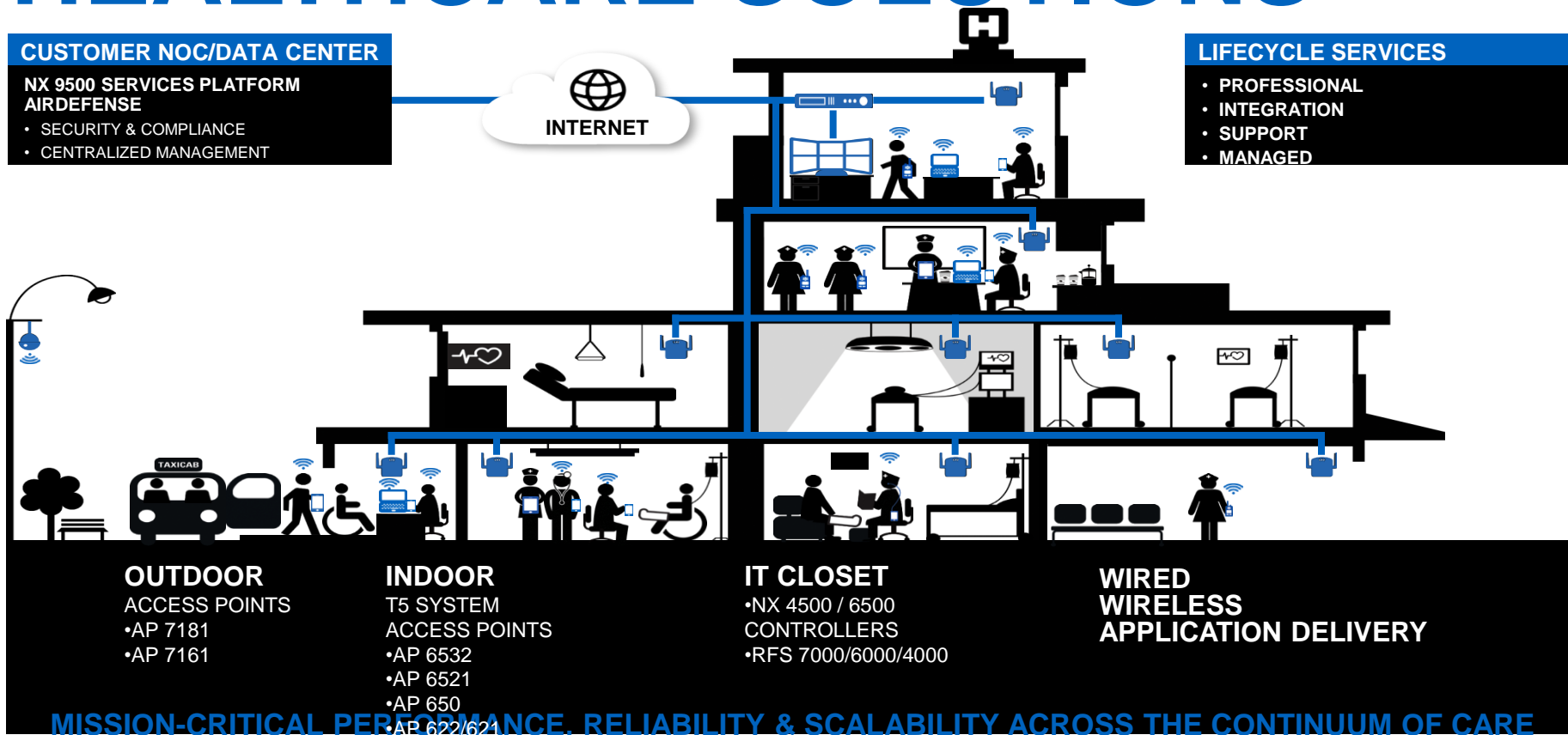
NX 9500 SERVICES PLATFORM AIRDEFENSE

- SECURITY & COMPLIANCE
- CENTRALIZED MANAGEMENT



LIFECYCLE SERVICES

- PROFESSIONAL
- INTEGRATION
- SUPPORT
- MANAGED



MISSION-CRITICAL PERFORMANCE, RELIABILITY & SCALABILITY ACROSS THE CONTINUUM OF CARE

HEALTHCARE MOBILE COMPUTING

MC55HC AND MC75HC



**WLAN: 802.11a/b/g tri-mode radio;
comprehensive VoIP support**

- Wireless voice and data communication

**Bluetooth® v2.1 with EDR Wireless
connectivity**

- Connectivity to Medical Devices and locationing

IrDA (MC75A0-HC only)

- Wireless connectivity to legacy medical equipment

Secure FIPS 140-2

- Secure data communication for clinicians

Data Capture: multi-mode data capture

- Reads bar codes on medications, patient IDs and supplies

**Multiple voice modes: handset, headset
and speakerphone**

- Maintains patient privacy and comfort while keeping staff connected

HEALTHCARE DATA CAPTURE

DS4208HC AND DS6878HC



Bluetooth® v2.1 with EDR Wireless connectivity

- Connectivity to Workstations on Wheels

Ergonomic Design

- Usable for long nursing shifts

Mission critical scanning performance on every bar code

- Reliably reads bar codes on medications, patient IDs and supplies

Audio feedback can be configured or switched to vibration by user for quiet operation in patient environments

- Maintains patient privacy and comfort

HEALTHCARE MOBILE COMPUTING

MC40HC



WLAN: 802.11a/b/g/n; comprehensive VoIP support

- Wireless voice and data communication

Bluetooth® v2.1 with EDR Wireless connectivity

- Connectivity to Medical Devices and locationing

Android OS JellyBean 4.1.1 with Extensions by Motorola

- Fortified for the enterprise for added security and management

4.3" All touch display

- Familiar interface for staff members

Data Capture: multi-mode data capture

- Reads bar codes on medications, patient IDs and supplies

Multiple voice modes: handset, headset and speakerphone

- Maintains patient privacy and comfort while keeping staff connected

HEALTHCARE DATA CAPTURE

CS4070HC (Available Q32014)



Bluetooth® v2.1 with EDR Wireless connectivity

- Connectivity to Workstations on Wheels and Mobile Devices

Pocket-size Design

- Easily carried and used for long nursing shifts

Mission critical scanning performance on every bar code

- Reliably reads bar codes on medications, patient IDs and supplies

Audio feedback can be configured or switched to vibration by user

- Maintains patient privacy, comfort and quiet operation

MFI Chip and Apple Device Certified

- Provides flexibility to use with existing or employee-owned Apple devices

HEALTHCARE MOBILE COMPUTING

ET1



WLAN: 802.11a/b/g/n

- Wireless data communication

Bluetooth® v2.1 with EDR Wireless connectivity

- Connectivity to Medical Devices and locationing

Android OS JellyBean 4.1.1 with Extensions by Motorola

- Fortified for the enterprise for added security and management

7" All touch display

- Familiar interface for staff members

Data Capture: multi-mode data capture (available module)

- Reads bar codes on medications, patient IDs and supplies

Multiple voice modes: handset, headset and speakerphone

- Maintains patient privacy and comfort while keeping staff connected

HEALTHCARE MOBILE COMPUTING

SB1HC



WLAN: 802.11b/g/n

- Wireless voice and data communication

Thin Client Architecture

- Easy to implement and manage

Small, light and wearable

- Fits any clinical or operational workflow

3.0" eInk All touch display

- Familiar interface for staff members

Data Capture: multi-mode data capture

- Reads bar codes on medications, patient IDs and supplies

Multiple voice modes: handset, headset and speakerphone

- Maintains patient privacy and comfort while keeping staff connected

THANK YOU

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MOTOROLA SOLUTIONS