Positive patient identification products

Part 1 of 4 See product guide for printers/labels/wristbands for positive patient ID, page 37	Cerner Corp. Jenna Halvorson jenna.halvorson@cerner.com 2800 Rockcreek Parkway Kansas City, MO 64117 816-201-7740 www.cerner.com	Cerner Corp. Jenna Halvorson jenna.halvorson@cerner.com 2800 Rockcreek Parkway Kansas City, MO 64117 816-201-7740 www.cerner.com	Endur ID Robert Chadwick bchadwick@endurid.com 8 Merrill Industrial Drive, Unit 4 Hampton, NH 03842 603-758-1488 www.endurid.com
Name of positive patient ID product	Cerner Bridge Medical	Cerner Millennium point-of-care solutions: CareAdmin, CareMobile, Millennium Specimen Collections, RxStation	Endur ID
• Previous name(s) and/or marketer(s) of product	Bridge MedPoint	—	—
Components of positive patient ID product	software for positive ID of medications, specimen collections, blood transfusions, programming of IV smart pumps, breast milk identification, mother/baby matching	software for positive ID of medications, specimen collections, programming of IV smart pumps; integration with automated dispensing devices	software *(see also printers/labels/wristbands product guide, page 37)*
Company is a reseller of this product(s)	sell Cerner products and resell other companies' hardware	sell Cerner products and resell other companies' hardware	sell Endur ID products and resell other companies' products
• For whom company is a reseller	Honeywell, Motorola, Intermec, Zebra Technologies, others	Honeywell, Motorola, Intermec, Code Corp., Zebra Technologies, others	Bio-Optronics
Company sells its products through distribution partners	no	no	—
• Vendors with which company partners	—	—	—
First ever installation of a positive patient ID product	1998	1998	2004
Most recent installation of current version of positive patient ID product	May 2011	May 2011	April 2011
Date of last major product release	May 2011	February 2011	—
No. of contracts for U.S. sites where product is installed and operational	proprietary	proprietary	15
No. of contracts for foreign sites where product is installed and operational	proprietary	proprietary	—
No. of contracts signed since May 1, 2010	proprietary	proprietary	4
No. of facilities where product is installed and operational	65	70	95
Techniques to verify patient ID when creating a wristband on admission	—	—	ID card without a photograph, ID card with a photograph, fingerprint, bar code
Techniques for patient ID prior to each intervention or specimen collection	one-dimensional bar-code wristband, two-dimensional bar-code wristband, passive RFID, active RFID	ID card, patient photo on wristband, one-dimensional bar-code wristband, two-dimensional bar-code wristband, passive RFID, active RFID	ID card, patient photo on wristband, one-dimensional bar-code wristband, two-dimensional bar-code wristband
• How RFID tag is affixed to patient	wristband	wristband	—
• Approximate dimensions of RFID tag	depends on RFID tag chosen	depends on RFID tag chosen	—
• Data fields on RFID tag or wristband	can accommodate any request	can accommodate any request	—
• Type of biometric application	—	fingerprint (Imprivata)	—
• Safeguards for manual entry of ID No.	ID numbers clearly distinguishable in database; can prevent manual entry of ID No.; secondary identifiers can be used as desired	ID numbers clearly distinguishable in database; can prevent manual entry of ID No.; secondary identifiers can be used as desired	ID numbers clearly distinguishable in database; can prevent manual entry of ID No.
Product functionality	general lab specimen collection, patient and medication matching prior to medication administration, IV smart pump programming, patient and blood unit matching prior to blood transfusion, nursing data collection, breast milk matching	general lab specimen collection, patient and medication matching prior to medication administration, IV smart pump programming, patient and blood unit matching prior to blood transfusion, EKG reporting, nursing data collection, breast milk matching	patient and medication matching prior to medication administration, bedside point-of-care testing, breast milk matching
Techniques for specimen identification at time of specimen collection	bar-code label printed centrally and added to tube, bar-code label printed at bedside and applied to tube	bar-code label printed centrally and added to tube, bar-code label printed at bedside and applied to tube	—
Data elements encoded on specimen label in machine-readable format	accession No., container ID, specimen type, patient name, tube type, collector ID, patient location, date, tests ordered, patient account/admission No., patient medical record No.	accession No., container ID, specimen type, patient name, tube type, collector ID, patient location, date, tests ordered, patient account/admission No., patient medical record No.	—
Bedside technology for blood transfusion offered via positive patient ID product	verification that physician order is on record for transfusion, verification of informed patient consent, detection of potential mistransfusion, documentation of transfusion data, documentation of final transfusion record	verification that physician order is on record for transfusion, verification of informed patient consent, detection of potential mistransfusion, documentation of transfusion data, documentation of final transfusion record	—
• Techniques for reading labels on blood units	one-dimensional bar code, two-dimensional bar code	one-dimensional bar code, two-dimensional bar code	—
• Manual entry of patient ID permitted for matching blood units for transfusion	no	no	—
Medication tracking offered via positive patient ID product	order for medication, history of allergies, route of administration, intended recipient, correct dosage, rate of administration	order for medication, history of allergies, route of administration, intended recipient, correct dosage, rate of administration	—
• Techniques used to read labels on medications	one-dimensional bar code, two-dimensional bar code	one-dimensional bar code, two-dimensional bar code	—
Bedside workstations			
• Approximate size of workstation/Approximate weight	depends on hardware chosen/depends on hardware chosen	depends on device chosen/depends on device chosen	—
• How bedside workstation communicates with host LIS	local area wireless (802.11a, 802.11b, 802.11g–depends on device chosen)	local area wireless (802.11a, 802.11b, 802.11g–depends on device chosen)	—
• Products that ID-matching software runs on	general-purpose PC, pocket PC, mobile tablet PC	general-purpose PC, pocket PC, mobile tablet PC	—
FDA 510(k) approval	yes	yes	—
• Applied for, but not yet received, FDA 510(k) approval	no	no	—
• Intend to apply for FDA 510(k) approval	—	—	—
Hospital and/or laboratory information system interface(s)	Sunquest, Cerner, Meditech, McKesson, Siemens, Pyxis, Allscripts, Mediware, GE Healthcare, SCC Soft Computer, Epic	none required (integrated with Cerner Millennium solutions)	available to hospital information system
Cost			
• General license fee per facility	—	—	$15,000
• Hardware cost for single handheld workstation	—	—	—
• Cost of software license per workstation	—	—	$995
• Cost of information system interface	—	—	$3,000
• Standard maintenance fee covers updates to positive patient ID product	yes	yes	—
• Software modifications to comply with government regulations included in software updates at no charge	standard (no charge)	standard (no charge)	—
Distinguishing features (supplied by company)	• Bridge IV smart pump auto-programming functionality is live and installed • integrated medication reconciliation process provides complete support for JCAHO mandates • mother/baby matching solution, in addition to breast milk matching solution	• can alert for lab/drug interactions in real time at the point of scan; integrated with Millennium database • seamlessly integrated with RxStation (automated dispensing device), requiring no interfaces and no duplication of formulary maintenance • ability to auto-program infusion devices and accept data from bedside devices for inclusion in EHR	• durable and easy-to-use wristbands to suit most applications, from NICU to long-term care • innovative features, such as photos, color-coded alerts, and warnings • intuitive and easy-to-use software for the production of wristbands

Note: a dash in lieu of an answer means company did not answer question or question is not applicable

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Survey editors: Raymond D. Aller, MD, and Hal Weiner

Positive patient identification products

Part 2 of 4 See product guide for printers/labels/wristbands for positive patient ID, page 37	Iatric Systems John Danahey john.danahey@iatric.com 27 Great Pond Drive Boxford, MA 01921 978-805-4153 www.iatric.com	Korchek Technologies Gregory Francis greg@korchek.com 115 Technology Drive, B206 Trumbull, CT 06611 877-567-2435 www.korchek.com	Lattice Pat Heniff pat.heniff@lattice.com 1751 Naperville Rd. Wheaton, IL 60189 630-949-3250 www.lattice.com
Name of positive patient ID product • Previous name(s) and/or marketer(s) of product	MobiLab —	CareChek —	MediCopia —
Components of positive patient ID product	software for handheld devices and PCs, including mobile laptops on carts	server, workstations, handhelds	handheld computers, bedside specimen-collection software *(see also printers/labels/wristbands product guide, page 37)*
Company is a reseller of this product(s) • For whom company is a reseller Company sells its products through distribution partners • Vendors with which company partners	no — no —	no — no —	sell Lattice products and resell other companies' products — no —
First ever installation of a positive patient ID product Most recent installation of current version of positive patient ID product Date of last major product release No. of contracts for U.S. sites where product is installed and operational No. of contracts for foreign sites where product is installed and operational No. of contracts signed since May 1, 2010 No. of facilities where product is installed and operational	2004 May 2011 January 2011 105 3 (Canada) 18 120	2005 2011 2011 2 — 3 2	1996 January 2011 October 2010 141 0 17 121
Techniques to verify patient ID when creating a wristband on admission Techniques for patient ID prior to each intervention or specimen collection • How RFID tag is affixed to patient • Approximate dimensions of RFID tag • Data fields on RFID tag or wristband • Type of biometric application • Safeguards for manual entry of ID No.	— one-dimensional bar-code wristband, two-dimensional bar-code wristband — — patient account/medical record No. — ID numbers clearly distinguishable in database; can prevent manual entry of ID No.; can require confirmation of a second patient identifier, such as name or date of birth	bar code one-dimensional bar-code wristband, two-dimensional bar-code wristband, passive RFID, active RFID ID band — ID number — ID numbers clearly distinguishable in database; can prevent manual entry of ID No.	bar code ID card, patient photo on wristband, one-dimensional bar-code wristband, two-dimensional bar-code wristband, passive RFID — — — — ID numbers clearly distinguishable in database; can prevent manual entry of ID No.
Product functionality	general laboratory specimen collection	general laboratory specimen collection, patient and medication matching prior to medication administration, patient and blood unit matching prior to blood transfusion, nursing data collection, breast milk matching	general laboratory specimen collection, patient and blood unit matching prior to blood transfusion
Techniques for specimen identification at time of specimen collection Data elements encoded on specimen label in machine-readable format	bar-code label printed at bedside and applied to tube accession No., container ID, specimen type, patient name, tube type, collector ID, patient location, date, tests ordered, patient account/admission No., patient medical record No., any data elements provided by LIS	bar-code label printed centrally and added to tube, bar-code label placed on tube in tube manufacturing process, radio-frequency tag created centrally and added to tube, bar-code label printed at bedside and applied to tube, peel-off label removed from wristband, others accession No., container ID, specimen type, patient name, tube type, collector ID, patient location, date, tests ordered, patient account/admission No., patient medical record No.	bar-code label printed at bedside and applied to tube accession No., container ID, specimen type, patient name, tube type, collector ID, patient location, date, tests ordered, patient account/admission No., patient medical record No.
Bedside technology for blood transfusion offered via positive patient ID product • Techniques for reading labels on blood units • Manual entry of patient ID permitted for matching blood units for transfusion	— — —	verification that a physician order is on record for the transfusion, verification of informed patient consent, detection of potential mistransfusion, documentation of transfusion data, documentation of final transfusion record one-dimensional bar code, two-dimensional bar code yes	verification that a physician order is on record for the transfusion, verification of informed patient consent, detection of potential mistransfusion, documentation of transfusion data, documentation of final transfusion record one-dimensional bar code, two-dimensional bar code no
Medication tracking offered via positive patient ID product • Techniques used to read labels on medications	— —	order for medication, history of allergies, route of administration, intended recipient, correct dosage, rate of administration one-dimensional bar code, two-dimensional bar code	— —
Bedside workstations • Approximate size of workstation/Approximate weight • How bedside workstation communicates with host LIS • Products that ID-matching software runs on	 5.78 × 3.03 × 1.06 in./11.1 oz. local area wireless (802.11a, 802.11b, 802.11g) general-purpose PC, pocket PC, mobile tablet PC	 — local area wireless (802.11a, 802.11b, 802.11g, 802.11n) general-purpose PC, pocket PC, mobile tablet PC, smartphone	 6 × 3 × 1 in./14–16 oz. intermittent docking, real-time radio frequency, local area wireless (802.11a, 802.11b, 802.11g) general-purpose PC, pocket PC, mobile tablet PC
FDA 510(k) approval • Applied for, but not yet received, FDA 510(k) approval • Intend to apply for FDA 510(k) approval	unnecessary — —	yes — —	unnecessary yes unnecessary
Hospital and/or laboratory information system interface(s)	Meditech, other LISs via HL7 or custom interfaces	Orchard	Sunquest, SCC Soft Computer, McKesson, Siemens, Meditech, GE Healthcare, Technidata
Cost • General license fee per facility • Hardware cost for single handheld workstation • Cost of software license per workstation • Cost of information system interface • Standard maintenance fee covers updates to positive patient ID product • Software modifications to comply with government regulations included in software updates at no charge	 based on size of facility — — depends on LIS vendor yes standard (no charge)	 — — — — yes —	 — — — — yes standard (no charge)
Distinguishing features (supplied by company) *Note: a dash in lieu of an answer means company did not answer question or question is not applicable*	• ranked No. 1 in KLAS specimen collection bar-coding category of the Top 20 Best in KLAS Awards report • supports multiple hardware platforms, including handheld devices, as well as any PC workstation, including laptops and computers on wheels • suite of management reports includes turnaround time, workload, user activity detail, and specimen-management reports	• checks for labeling at bedside • user-defined task lists • stat notifications	• scalability • advanced architecture • customization

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Positive patient identification products

Part 3 of 4 See product guide for printers/labels/wristbands for positive patient ID, page 37	McKesson Janet Mullan janet.mullan@mckesson.com 5995 Windward Parkway Alpharetta, GA 30005 720-239-4200 www.mckesson.com	McKesson Joseph R. Stabile joseph.stabile@mckesson.com 5995 Windward Parkway Alpharetta, GA 30005 404-338-4363 www.mckesson.com/laboratory	SCC Soft Computer Ellie Vahman ellie@softcomputer.com 5400 Tech Data Drive Clearwater, FL 33760 727-789-0100 www.softcomputer.com
Name of positive patient ID product • Previous name(s) and/or marketer(s) of product	Horizon Admin-Rx Care Manager	Horizon MobileCare Phlebotomy —	SoftID —
Components of positive patient ID product	software to support positive patient identification and five rights of medication checking at administration	software to support positive patient identification for specimen collection, handheld devices, portable bar-code printers	software, handheld wireless PDA, PC/laptop
Company is a reseller of this product(s) • For whom company is a reseller Company sells its products through distribution partners • Vendors with which company partners	sell McKesson products and resell other companies' products Motorola, Zebra Technologies, First Databank, Honeywell no —	sell McKesson products and resell other companies' products Motorola, Zebra Technologies no —	no — no —
First ever installation of a positive patient ID product Most recent installation of current version of positive patient ID product Date of last major product release No. of contracts for U.S. sites where product is installed and operational No. of contracts for foreign sites where product is installed and operational No. of contracts signed since May 1, 2010 No. of facilities where product is installed and operational	1988 May 2011 March 2011 139 0 13 262	1988 May 2011 August 2010 61 1 (Canada) 6 89	1997 May 2011 March 2011 53 1 (Canada) 8 163
Techniques to verify patient ID when creating a wristband on admission Techniques for patient ID prior to each intervention or specimen collection • How RFID tag is affixed to patient • Approximate dimensions of RFID tag • Data fields on RFID tag or wristband • Type of biometric application • Safeguards for manual entry of ID No.	bar code (one-dimensional bar-code wristband, two-dimensional bar-code wristband) one-dimensional bar-code wristband, two-dimensional bar-code wristband — — — — manual entry of ID No. not an option	— one-dimensional bar-code wristband, two-dimensional bar-code wristband — — patient medical record No. or patient account/encounter No. — manual entry of ID No. not an option	— one-dimensional bar-code wristband, two-dimensional bar-code wristband — — — — ID numbers clearly distinguishable in database; can prevent manual entry of ID No.
Product functionality	patient and medication matching prior to medication administration, nursing data collection	general laboratory specimen collection	general laboratory specimen collection
Techniques for specimen identification at time of specimen collection Data elements encoded on specimen label in machine-readable format	— —	bar-code label printed centrally and added to tube, radio-frequency tag created centrally and added to tube, bar-code label printed at bedside and applied to tube, radio-frequency tag created at bedside and applied to tube accession No. (any fields can be machine readable; accession No. typically bar coded)	bar-code label printed centrally and added to tube, bar-code label placed on tube in tube manufacturing process, bar-code label printed at bedside and applied to tube accession No., container ID, specimen type, patient name, tube type, collector ID, patient location, date, tests ordered, patient account/admission No., patient medical record No., others
Bedside technology for blood transfusion offered via positive patient ID product • Techniques for reading labels on blood units • Manual entry of patient ID permitted for matching blood units for transfusion	— — —	— — —	— — —
Medication tracking offered via positive patient ID product • Techniques used to read labels on medications	order for medication, history of allergies, route of administration, intended recipient, correct dosage, rate of administration one-dimensional bar code, two-dimensional bar code	order for medication, history of allergies, route of administration, intended recipient, correct dosage, rate of administration one-dimensional bar code, two-dimensional bar code	— —
Bedside workstations • Approximate size of workstation/Approximate weight • How bedside workstation communicates with host LIS • Products that ID-matching software runs on	 6 × 3.1 × 1.5 in./12 oz. local area wireless (Tri-mode IEEE 802.11a, 802.11b, 802.11g) general-purpose PC, pocket PC, mobile tablet PC, Motorola MC70 and MC75A-HC	 6 × 3.1 × 1.5 in./12 oz. local area wireless (Tri-mode IEEE 802.11a, 802.11b, 802.11g) general-purpose PC; pocket PC; mobile tablet PC; Motorola 8846, MC70, MC75A-HC; Windows-based PC, laptop, notebook	 6 × 3.1 × 1.5 in./12 oz. local area wireless (802.11b, 802.11g) general-purpose PC, pocket PC, mobile tablet PC, Microsoft Windows-based devices
FDA 510(k) approval • Applied for, but not yet received, FDA 510(k) approval • Intend to apply for FDA 510(k) approval	unnecessary no no	unnecessary no no	unnecessary — unnecessary
Hospital and/or laboratory information system interface(s)	McKesson, Sunquest, Cerner, SCC Soft Computer, Meditech	none required (add-on module to Horizon Lab)	SCC SoftLab
Cost • General license fee per facility • Hardware cost for single handheld workstation • Cost of software license per workstation • Cost of information system interface • Standard maintenance fee covers updates to positive patient ID product • Software modifications to comply with government regulations included in software updates at no charge	 depends on size of facility ~$2,000 per unit no additional cost per workstation integrated with Horizon Clinicals (no additional cost) yes standard (no charge)	 depends on size of facility ~$2,000 per unit no additional cost per workstation integrated with Horizon Lab LIS (no additional cost) yes standard (no charge)	 $30,000–$250,000 $2,000 — integrated with SCC SoftLab LIS (no additional cost) yes standard (no charge)
Distinguishing features (supplied by company) *Note: a dash in lieu of an answer means company did not answer question or question is not applicable*	• complete integration with the enterprise clinical information system • continuity of information flow from computerized physician order entry to pharmacy to administration to documentation • depth and history of experience	• co-exists with McKesson's solution for medication administration, Horizon Admin-Rx, on the same handheld device • full integration with Horizon Lab—no interface required •supports nurse-centric and lab-centric collection models with support for preprinted specimen labels and those printed at the point of care	• majority of setup imported from SoftLab LIS, so labor/effort required, initial implementation, maintenance, and security management are significantly decreased • no new interfaces to the HIS are required since product is integrated with SoftLab LIS, which is interfaced to HIS • same software can be implemented on any number of Microsoft Windows devices, such as PDAs, tablet PCs, and mobile nursing workstations, and can operate alongside other installed applications on the device

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Positive patient identification products

Part 4 of 4 See product guide for printers/labels/wristbands for positive patient ID, page 37	SCC Soft Computer Ellie Vahman ellie@softcomputer.com 5400 Tech Data Drive Clearwater, FL 33760 727-789-0100 www.softcomputer.com	Siemens Healthcare Theresa McGillvray-Dodd theresa.mcgillvray-dodd@siemens.com 18724 66th Ave N.E. Kenmore, WA 98028 425-487-0179 www.medical.siemens.com	Sunquest Information Systems Chris Fraker chris.fraker@sunquestinfo.com 250 S. Williams Blvd. Tucson, AZ 85711 877-239-6337 www.sunquestinfo.com
Name of positive patient ID product • Previous name(s) and/or marketer(s) of product	SoftID.Tx —	Siemens Patient Identification Check —	Sunquest Collection Manager and Transfusion Manager —
Components of positive patient ID product	software, handheld computers, PCs	software, handheld device, PC cart on wheels *(see also printers/labels/wristbands product guide, page 37)*	software, handheld devices, laptops, computer on wheels *(see also printers/labels/wristbands product guide, page 37)*
Company is a reseller of this product(s) • For whom company is a reseller Company sells its products through distribution partners • Vendors with which company partners	no — no —	no — no —	no — no —
First ever installation of a positive patient ID product Most recent installation of current version of positive patient ID product Date of last major product release No. of contracts for U.S. sites where product is installed and operational No. of contracts for foreign sites where product is installed and operational No. of contracts signed since May 1, 2010 No. of facilities where product is installed and operational	1997 May 2011 May 2011 3 0 1 4	2006 2011 2010 16 — 3 14	2004 2011 February 2011 133 2 (Bermuda, Canada) 10 165
Techniques to verify patient ID when creating a wristband on admission Techniques for patient ID prior to each intervention or specimen collection • How RFID tag is affixed to patient • Approximate dimensions of RFID tag • Data fields on RFID tag or wristband • Type of biometric application • Safeguards for manual entry of ID No.	— one-dimensional bar-code wristband, two-dimensional bar-code wristband — — — — ID numbers clearly distinguishable in database; can prevent manual entry of ID No.	— one-dimensional bar-code wristband — — — — ID numbers clearly distinguishable in database; can prevent manual entry of ID No.	— one-dimensional bar-code wristband, two-dimensional bar-code wristband — — — — ID numbers clearly distinguishable in database
Product functionality	patient and blood unit matching prior to blood transfusion, nursing data collection, courier assignment, patient consent, others	general laboratory specimen collection, patient and blood unit matching prior to blood transfusion, nursing data collection, temperature ID	general laboratory specimen collection, patient and blood unit matching prior to blood transfusion, nursing data collection, vital signs can be collected during transfusion
Techniques for specimen identification at time of specimen collection Data elements encoded on specimen label in machine-readable format	— —	bar-code label printed at bedside and applied to tube; with use of BD tubes, clinician can scan tube for correct tube type for specimen testing; others accession No., container ID, specimen type, patient name, tube type, collector ID, patient location, date, tests ordered, patient account/admission No., patient medical record No.	bar-code label printed centrally and added to tube, bar-code label printed at bedside and applied to tube accession No., container ID
Bedside technology for blood transfusion offered via positive patient ID product • Techniques for reading labels on blood units • Manual entry of patient ID permitted for matching blood units for transfusion	verification of informed patient consent, detection of potential mistransfusion, documentation of transfusion data, documentation of final transfusion record one-dimensional bar code, two-dimensional bar code no	detection of potential mistransfusion, documentation of final transfusion record one-dimensional bar code yes	detection of potential mistransfusion, documentation of transfusion data, documentation of final transfusion record one-dimensional bar code, two-dimensional bar code —
Medication tracking offered via positive patient ID product • Techniques used to read labels on medications	— —	— —	— —
Bedside workstations • Approximate size of workstation/Approximate weight • How bedside workstation communicates with host LIS • Products that ID-matching software runs on	 6 × 3.1 × 1.5 in./12 oz. local area wireless (802.11b, 802.11g) general-purpose PC, pocket PC, mobile tablet PC, Microsoft Windows-based devices	 6 × 3.3 × 1.7 in./14 oz. intermittent docking, local area wireless (802.11a, 802.11b, 802.11g) general-purpose PC, mobile tablet PC	 1.3 × 3.1 × 5.7 in./10.5 oz. intermittent docking, local area wireless (802.11a, 802.11b, 802.11g) general-purpose PC, pocket PC, mobile tablet PC
FDA 510(k) approval • Applied for, but not yet received, FDA 510(k) approval • Intend to apply for FDA 510(k) approval	yes — —	yes — —	yes — —
Hospital and/or laboratory information system interface(s)	SCC SoftBank	Siemens, McKesson, Meditech, Cerner, Sunquest, SCC Soft Computer, others	extension of Sunquest Laboratory
Cost • General license fee per facility • Hardware cost for single handheld workstation • Cost of software license per workstation • Cost of information system interface • Standard maintenance fee covers updates to positive patient ID product • Software modifications to comply with government regulations included in software updates at no charge	 $30,000–$250,000 $2,000–$3,000 — integrated with SCC SoftBank (no additional cost) yes standard (no charge)	 — — — — yes standard (no charge)	 — — — — yes standard (possible charges for hardware or operating system upgrades or professional services)
Distinguishing features (supplied by company)	• data resides in SCC SoftBank database, allowing for easy access to transfusion information • no interfaces are required since HIS connectivity is established via the SCC SoftBank blood transfusion system • same software can be implemented on any number of Microsoft Windows devices, such as PDAs, tablet PCs, and mobile nursing workstations, and can operate alongside other installed applications on the device	• assists health care providers in meeting JCAHO requirements for the hospital; helps eliminate the need to relabel a container with laboratory bar code • helps provider to decrease the potential for container mislabeling and removes a potential bottleneck within the lab when receiving specimens • product reporting capability provides health care providers with an overview of specimen collection and processing workflow that managers can use to identify opportunities for process improvement	• Sunquest Collection Manager is a direct extension of Sunquest LIS, incorporating individual nursing and phlebotomy workflows for specimen-collection management and positive ID • proven to reduce specimen-identification errors to zero, even in busy emergency departments • combines with Sunquest's blood bank product to create a closed-loop transfusion process

Note: a dash in lieu of an answer means company did not answer question or question is not applicable

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