

**HIMSS ANALYTICS DEFINITIONS - SORTED BY TERM**

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Networking	Wireless	802.11i Wi-Fi (Wireless Fidelity)	Wireless network components that are based on one of the Wi-Fi Alliance's 802.11 standards. The Wi-Fi Alliance created the 802.11 standard so that manufacturers can make wireless products that work with other manufacturers' equipment.
Software Application	Health Information Management (HIM)	Abstracting	An application that facilitates the collection and maintenance of coded patient information, with selected patient demographic, clinical, and admissions data from the medical record usually post-discharge. This information can be used for internal control, analysis, regulatory reports, etc.
Facility Information	Facility Description	Academic Medical Center	A teaching acute care hospital owned by a medical school that confers medical degrees.
Networking	Wireless	Access Point	A wireless networking radio transceiver that allows an appropriately equipped computer or other device to connect to a data network
Software Application	General Financials	Accounts Payable	This application provides control over cash flow with specific information on disbursement and invoices. It includes on-line entry, inquiry, and reporting capabilities. It may be an application component of an ERP suite of applications.
Business Process		Acquisition	The act of contracting, assuming or acquiring possession of a facility.
Organization Statistics		Adjusted Discharges	Adjusted discharges recognizes outpatient utilization. This is accomplished by dividing gross revenue by gross inpatient revenue, which will usually result in a factor greater than 1.0, unless there was no outpatient revenue. You adjust the discharges by multiplying this factor by the number of discharges. The formula is the following: [Gross Patient Revenue Total/Gross Inpatient Revenue] X Total Discharges
Organization Statistics		Adjusted Patient Days	Inpatient days plus equivalent inpatient days attributed to outpatient services. Equivalent inpatient days are calculated by multiplying inpatient days by the ratio of total revenue to inpatient revenue.
Organization Statistics		Admissions	Includes the number of adult and pediatric admissions only (excluding births). This number includes all patients admitted during the a 12-month reporting period, including neonatal and swing admissions.
Key Personnel Position		Admissions Director	Oversees operations in admissions department to ensure compliance with applicable standards. Oversees the in-patient/out-patient admissions functions, bed assignments, and completion of preliminary paperwork for entering patients. Works with medical, nursing and accounting staff to ensure appropriate patient placement. Leads and directs the work of others and generally reports to top management. <i>Other common titles include: Director/Manager of Business Office, Director of Admittina and Director of Patient Accounts</i>
Software Application	Revenue Cycle Management	ADT/Registration	An application that automates the hospital's patient registration function in an on-line, real-time mode. The system includes on-line census, pre-registration, patient history, patient admission, discharge, and admission discharge transfer functions.
Organization Statistics	Physicians	Affiliated	Physicians that are not full-time salaried but have staff privileges to admit and treat patients in the hospital.

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Information Exchange Initiative		Agency for Health Research and Quality HIT project	In November 2003, the Agency for Health Research and Quality (AHRQ) announced an initiative to support health information technology projects to improve patient safety and quality of care. Through this initiative, AHRQ would release approximately \$50 million in funds through grants, contracts, and other activities. One portion of this initiative, the \$41 million grant program, "Transforming Healthcare Through Information Technology," includes grants for planning and implementation of health information technology (HIT) in communities as well as grants to examine the value of HIT. Each individual grant, albeit small, is targeted towards highly innovative projects intended to transform healthcare.
Facility Information	Facility Type	Ambulatory Care Facility	Provides preventative, diagnostic, therapeutic, surgical, and/or rehabilitative outpatient care where the duration of treatment is less than 24 hours. Generally referred to as outpatient care.
Key Personnel Position		Ambulatory Care Head	Oversees the operation of ambulatory (outpatient) services in the delivery system. Develops and introduces approved standards and guidelines for ambulatory services and programs. Can be a nurse, but is not required. <i>Other common titles include: CNO, Director of Outpatient Services/Care, and Director of Surgical Services.</i>
Software Application	Ambulatory	Ambulatory Clinical	This application will be found in ambulatory facilities in the database. It is used to designate the software vendor being used for clinical functions at the facility. These functions can include some or all of the following: order communications/results reporting, documentation or ancillary functions (laboratory, pharmacy, radiology).
Software Application	Ambulatory	Ambulatory EMR	The EMR that supports the ambulatory/clinic/physician office environments. Provides all of the functions of an EMR - clinical documentation/order entry/clinical data repository/provider order entry/physician clinical documentation/etc.
Software Application	Ambulatory	Ambulatory Laboratory	A laboratory application that provides the necessary functions for registering outpatient/ambulatory encounters, creating test orders, creating work lists, reporting results, creating insurance/patient bills, and managing quality assurance and workflow functions. These applications must be CLIA compliant.
Software Application	Ambulatory	Ambulatory PACS	This application is a storage solution that automates images for multimedia review and clinical diagnosis at Diagnostic Imaging Centers. Features of this system include digital image retrieval, routing and display. The system is integrated/interfaced to radiology applications.
Software Application	Ambulatory	Ambulatory Pharmacy	A pharmacy application that provides the necessary functions for registering outpatient/ambulatory encounters, creating medication orders, performing drug conflict checking, creating fill lists, billing insurance companies/patients, and managing the drug inventory for the ambulatory services.
Software Application	Ambulatory	Ambulatory Radiology	A radiology application that provides for the registration and scheduling of outpatient/ambulatory encounters, diagnostic orders, work lists, results reporting, insurance/patient billing, and workflow management for completing all ordered services.
Software Application	Laboratory	Anatomical Pathology	An application that is used to manage the operations of histology and cytology departments within the pathology laboratory.
Service Provider		Application	Outsourcers take over services supplied by the hospitals by performing the service functions more economically and effectively than the hospital can with its current staff. Example areas of outsourcing are: cafeterias, laundry, IT help desks, IT networks, and entire IT departments.
Service Provider	Consultants	Application Development	Consultants who provide application development services to hospitals (e.g. web site development, custom system development).
Service Provider	Consultants	Application Implementation	Consultants who provide application implementation services to hospitals that supports the installation of IT application systems for financial and/or clinical services.

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Hardware	Server	Application Server	A computer that handles all operations between a company's back-end applications or databases and the users' computers' graphical user interface or Web browsers. This device connects ends users to <u>software applications and databases that are managed by the server.</u>
Service Provider		ASP	Network administration includes the deployment, maintenance and monitoring of active network gear: switches, routers, firewalls, etc. Network administration commonly includes activities such as network address assignment, assignment of routing protocols and routing table configuration as well as configuration of authentication and authorization – directory services. This function may be outsourced <u>by the hospital organization.</u>
Hardware	Pharmacy	Automated Dispensing Machine (ADM)	A medication dispensing cabinet that automates the storing, dispensing and tracking of narcotics, floor stock and PRN (as needed [pro re nata]) medications in-patient care areas. Provides secure access to medications, while eliminating narcotic counts and keys. Interfaces with hospital ADT/billing systems to improve charge capture and materials management systems to track inventory
Software Application	Revenue Cycle Management	Bed Management	An application that is used to manage the use of beds in the hospital. This application tracks when beds are available and creates notifications to cleaning staff to prepare the bed for the next patient, and then notifies registration/administration when the bed/room has been cleaned and is available for the next <u>patient.</u>
Software Application	Human Resources	Benefits Administration	An application that manages human resources benefits including defined contributions, defined benefits, flexible benefits, and health and welfare plans.
Strategy - IS		Best of Breed	An application buying philosophy that emphasizes buying the very best software application for the task regardless of compatibility, integration, or interoperability with other HCO applications.
Strategy - IS		Best of Suite	An application buying philosophy between "best of breed" and "single vendor" that emphasizes integration of segments, or suites, of applications, each segment normally purchased from a different vendor. Each suite is then interfaced. Examples of "suites" include financial applications, clinical <u>applications, and revenue cycle applications.</u>
Software Application	Laboratory	Blood Bank	An application specifically designed to support the management and operations of a hospital blood bank. These systems require FDA certification.
Information Exchange Initiative		Bridges to Excellence "Link" programs	The Bridges to Excellence (BTE) initiative is comprised of three individual programs, each of which is designed to promote and reward improvements in the quality of patient care: Physician Office Link,
Networking	Connectivity	Broadband	Broadband in telecommunications is a term which refers to a signaling method which includes or handles a relatively wide range of frequencies which may be divided into channels or frequency bins. <u>Broadband is always a relative term, understood according to its context.</u>
Software Application	Financial Decision Support	Budgeting	An application that accommodates different budgeting styles and permits budget revisions to reflect business fluctuations. Examples of fluctuation are acquisitions, divestitures, staffing cuts, revenue shortfalls, contract changes, etc.

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Software Application	Financial Decision Support	Business Intelligence	This software explores operational key performance indicators that enable organizations to cut costs and make decisions in real-time thus improving bottom line results. Also called BI software, Business Intelligence Tools, and BI Tools.
Key Personnel Position		Business Office Head	In charge of all operations and supervision in the business office. <i>Other common titles include: Director of Business Office, Director of Patient Accounts, and Director of Patient Financial Accounts.</i>
Software Application	Cardiology & PACS	Cardiology - Cath Lab	The section of cardiology that performs catheterization procedures; balloon angioplasty is an example of a procedure performed in this lab. Images created from the medical devices used for the catheterization procedure are managed by PACS for viewing, reporting, and storage.
Software Application	Cardiology & PACS	Cardiology - CT (Computerized Tomography)	CT (computed tomography), sometimes called CAT scan, uses special x-ray equipment to obtain image data from different angles around the body, and then uses computer processing of the information to show a cross-section of body tissues and organs - such as the heart. Images created from the CT medical devices are managed by PACS for viewing, reporting, and storage.
Software Application	Cardiology & PACS	Cardiology - Echocardiology	The department that provides echocardiograms. An Echocardiogram is a noninvasive procedure that uses sound waves (ultrasound) to evaluate how well the heart is working. Images created from the medical devices used for the echocardiogram procedure provide diagnostic images that are managed by PACS. Images created from the medical devices used for the echocardiology procedures are managed by PACS for viewing, reporting, and storage.
Software Application	Cardiology & PACS	Cardiology - Intravascular Ultrasound	Intravascular ultrasound (IVUS) or intravascular echocardiography is a combination of echocardiography and a procedure called cardiac catheterization. Images created from the medical devices used for intravascular ultrasound procedures are managed by PACS for viewing, reporting, and storage.
Software Application	Cardiology & PACS	Cardiology - Nuclear Cardiology	A specialty of cardiology that uses radioisotopes for diagnostic and therapeutic purposes. Images created from the medical devices used for the nuclear cardiology procedures are managed by PACS for viewing, reporting, and storage.
Key Personnel Position		Cardiology Head	The manager of the cardiology service within a healthcare organization. This will most likely be a cardiologist.
Software Application	Cardiology & PACS	Cardiology Information System	An application that specifically automates functions in the cardiology department. The application must provide some of the following: order processing, permanent patient history index maintenance, image and EKG tracing storage, transcribing and distributing results, clinical documentation, prep instruction cards maintenance, appointment scheduling, and management reporting.
Software Application	Utilization Review/Risk Management	Case Mix Management	An application that provides integrated information from admission, discharge, transfer, utilization review, patient billing, and abstracting to monitor and understand the mix of patient types and patient services delivered.
Organization Statistics		CBSA	Core Based Statistical Area is defined by the Census Bureau as a geographic area with an urbanized population of at least 50,000 or an urban cluster with a population of at least 10,000, plus the adjacent counties that have a high degree of social and economic integration with the core as measured through commuting ties.

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Software Application	Health Information Management (HIM)	Chart Deficiency	Chart Deficiency system allows the identification of any patient's associated caregiver who may need to complete some portion of a patient's chart. Charts and tasks requiring completion may be monitored and distributed via standard reports and identifies delinquent charts by department, location, and/or practitioner. In addition it can record and report deficiencies by practitioner and graphs trends and statuses by practitioner. It may also send notices to practitioners for delinquent and/or deficient <u>Medical Charts</u> .
Software Application	Health Information Management (HIM)	Chart Tracking/Locator	Chart Location/History function allows the updating and review of the location of a patient's medical records chart. It helps to track Medical Record Charts with Check-out, Check-in and reporting capabilities.
Key Personnel Position		Chief Compliance Officer	Responsible for legal processes & procedures, maintaining industry standards and ensuring compliance with health care regulations. <i>Other common titles include: COO, CFO, CEO, Ethics &amp; Compliance Officer, Risk Manager, Legal Officer, and Director of Quality &amp; Risk Management.</i>
Key Personnel Position		Chief Executive Officer (CEO)	The executive decision-maker for the organization. Responsible for short and long-term profitability and growth of the company. Leads and directs the work of others. May preside over a board of directors. <i>Other common titles include: President &amp; CEO and Administrator.</i>
Key Personnel Position		Chief Financial Officer (CFO)	Responsible for executive financial decisions for the organization, including accounting, budgeting, credit, insurance, tax, and treasury. Leads and directs the work of others. Typically reports to a CEO or COO. <i>Other common titles include: COO, CEO, and VP of Finance.</i>
Key Personnel Position		Chief Information Officer (CIO)	Responsible for the overall planning and management of the information technology department, including establishing strategic long-term goals and determining long-term systems needs and hardware acquisitions to accomplish business objectives. Generally manages middle level management, such as managers/directors, and typically reports to a CEO or COO. <i>Other common titles include: Director of I.S., Manager of Information Systems, and VP of Information Systems.</i>
Key Personnel Position		Chief Medical Information Officer	Responsible for supporting the development of clinical information systems that assist clinicians in the delivery of patient care in the conduct of research. Represents the needs and requirements of the physician community and serves as an advocate of management in promoting the use of IT in the clinical <u>setting</u> .
Key Personnel Position		Chief Medical Officer (CMO)	The physician who interfaces with the organizations executives involving anything relating to the physicians. <u>Also know in some organizations as the VP of Medical Affairs.</u>
Key Personnel Position		Chief Nursing Head	Responsible for the coordination and representation of the system's nursing staff. Licensed as a registered nurse. <i>Other common titles include: Chief Nursing Officer, VP/Director of Nursing, and VP/Director of Patient Care Services.</i>
Key Personnel Position		Chief Operating Officer (COO)	Responsible for the daily operations of the organization, including policies, objectives, and initiatives, as well as attaining short and long-term financial and operational goals. Leads and directs the works of others and usually reports to the CEO. <i>Other common titles include: VP of Operations and COO &amp; CNO</i>
Key Personnel Position		Chief Technology Officer (CTO)	Develops technical standards and ensure compatibility for enterprise-wide computer environment. Will manage the following departments within IS: Technical Services, Network Services, Data Center Operations, Telecommunication Operations and Data Warehouse and is charges with the task of coordinating and running the day-to-day internal operations of the IS Department. This position typically <u>reports to the CIO.</u>
Key Personnel Position		CIO Reports to	In an organizational chart, this is the CIO's supervisor. <i>Other common titles include: Administrator, Executive Vice President, CEO, COO, CFO, and President.</i>

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Software Application	Electronic Medical Record	Clinical Data Repository	A centralized database that allows organizations to collect, store, access and report on clinical, administrative, and financial information collected from various applications within or across the healthcare organization that provides healthcare organizations an open environment for <u>accessing/viewing, managing, and reporting enterprise information.</u>
Software Application	Electronic Medical Record	Clinical Decision Support System (CDSS)	An application that uses pre-established rules and guidelines, that can be created and edited by the healthcare organization, and integrates clinical data from several sources to generate alerts and treatment suggestions. Example: All patients who have potassium below 2.5mg% should not have a cardiac glycoside. The physician would enter into the system the prescription for a cardiac glycoside and the system would pop up an alert to the fact that the patient should not be given this medicine due to <u>the low level of potassium in their blood.</u>
Key Personnel Position		Clinical Informaticist	A person that evaluates clinical data relative to improving patient safety, clinical outcomes, and protocols and guidelines for clinical services. These functions are usually performed by people with <u>clinical degrees.</u>
Key Personnel Position		Clinical/Biomedical Engineer	This is the person responsible for the Biomedical equipment, preventive maintenance and oversees the <u>biomedical engineers or contractors.</u>
Information Exchange Initiative		CMS's Chronic Care Improvement Programs	Under the direction of the Centers for Medicare & Medicaid Services (CMS), the Quality Improvement Organization (QIO) program consists of a national network of 53 QIOs who are responsible for their respective U.S. state, territory or the District of Columbia. QIOs work with consumers, physicians, hospitals, and other caregivers to refine care delivery systems to make sure patients get the right care at the right time, particularly among underserved populations. The program also safeguards the integrity of the Medicare trust fund by ensuring payment is made only for medically necessary services, and investigates beneficiary complaints about quality of care.
Information Exchange Initiative		CMS's QIO Doctors' Office Quality Improvement Technology program	Under the direction of the Centers for Medicare & Medicaid Services (CMS), the QIO program consists of a national network of 53 QIOs who are responsible for their respective U.S. state, territory or the District of Columbia. QIOs work with consumers, physicians, hospitals, and other caregivers to refine care delivery systems to make sure patients get the right care at the right time, particularly among underserved populations. The program also safeguards the integrity of the Medicare trust fund by ensuring payment is made only for medically necessary services, and investigates beneficiary complaints <u>about quality of care.</u>
Environment		Complete Closed Loop Medication Administration	An environment where the medication process is electronic from initial entry by physicians using CPOE, to pharmacies for order validation and bar coding the medications, to the automatic dispensing machines, to the actual administration of the medication at point of care by the nurse where the nurse scans patient bar code and the medication bar code which initiates clinical decision support for the <u>five rights of medication administration.</u>
Software Application	Electronic Medical Record	Computer Assisted Coding	Computer-assisted coding software solutions utilize natural language processing (NLP) and exclusive patented algorithmic software to electronically analyze entire medical charts to pre-code with both CPT <u>procedure and ICD9 diagnostic nomenclatures.</u>
Software Application	Electronic Medical Record	Computerized Practitioner Order Entry (CPOE)	An order entry application specifically designed to assist practitioners in creating and managing medical orders for patient services or medications. This application has special electronic signature, workflow, and rules engine functions that reduce or eliminate medical errors associated with physician ordering <u>processes.</u>
Service Provider		Consultants	Companies that provide consulting services to hospitals for operational and service functions related to IT (e.g. system selection, implementation, strategic planning).

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Software Application	Information Sharing	Consumer Portal	A consumer portal refers to web applications that provide access to various interactive service functions or medical content for patients/consumers of a healthcare delivery organization. The consumer portal may provide functions such as a pre-registration, pre-scheduling of procedures or outpatient services, bill payment services, access to diagnostic results, or access to a personal health record.
Software Application	Financial Decision Support	Contract Management	This application allows organizations to track and manage the contracts they hold with managed care organizations. Contract management allows providers to review contract terms prior to the provision of services to maximize profitability. Features include identification of covered and non-covered services, pre-authorization requirements and other prerequisites to treatment.
Installation Status	Contracted	Contracted/Not Yet Installed	The status of an application that has been acquired or purchased from a vendor but the installation/implementation process has not yet started.
Software Application	Financial Decision Support	Cost Accounting	An application that attempts to match the exact cost of specific resources utilized with the associated revenue generating services. (For example: supplies, physical facilities costs, specific procedure costs, etc.)
Software Application	Revenue Cycle Management	Credit/Collections	An application that manages the collection of billed services and bad debt. This application may automatically produce letters for overdue accounts and record collection data and terms of payments.
Facility Information	Facility Description	Critical Access	A rural limited service hospital that has been converted to a special designation as a Critical Access Hospital under the Medicare Rural Hospital Flexibility Grant Program. The majority of CAHs are in Health Professional Shortage Areas and/or Medically Underserved Areas.
Hardware	Storage	DAS (Direct-Attached Storage)	This type of long-term storage is connected to an individual network server. There can be more than one server, but the storage for each server is managed individually and cannot be shared storage.
Facility Information	Facility Type	Data Center	Supports the information technology needs of a minimum of two hospitals/acute care facilities and their associated non-acute entities. Data centers can be located within a hospital or can be free-standing facilities. Information technology needs supported by data centers include: server hosting, network support, desktop support, application support, help desk support, etc. Data Centers are some of the most important facilities we collect because they house a majority of the hardware for a healthcare system.
Software Application	Utilization Review/Risk Management	Data Warehousing/Mining - Clinical	A collection of clinical data in a database designed to support management decision making. Data warehouses contain a wide variety of data that present a coherent picture of clinical events at a single point in time.
Software Application	Financial Decision Support	Data Warehousing/Mining - Financial	A collection of financial data in a database designed to support management decision making. Data warehouses contain a wide variety of data that present a coherent picture of business conditions at a single point in time.
Organization Statistics		Date Formed	This could represent the year that the IDS or hospital originally opened or key events (i.e. merger, acquisition, name change)
Hardware	Computer	Desktop	A personal computer small enough to fit conveniently in an individual workspace
Software Application	Health Information Management (HIM)	Dictation	An application that captures, stores and makes voice-originated information available for audio retrieval.
Software Application	Health Information Management (HIM)	Dictation with Speech Recognition	A dictation application that converts voice originated information into text files that are edited to create transcription reports.
Key Personnel Position		Director of Clinical Systems	This is the person who has oversight and responsibility for deployment and maintenance of all clinical information systems. This person typically reports to the CIO, or an Assistant CIO for Applications.

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Service Provider	Consultants	Disaster Recovery	Consultants who provide consulting services related to the planning and management of disaster recovery policies and processes.
Software Application	Information Sharing	Disaster Recovery System	Disaster recovery is the process, policies and procedures related to preparing for recovery or continuation of technology infrastructure critical to an organization after a natural or human-induced disaster. Disaster recovery systems are the IT solutions that have been created to help in this recovery process.
Business Process		Divestiture	The selling or closing of a facility.
Software Application	Information Sharing	DMBS (Database Management System)	A program that lets one or more computer users create and access data in a database. On personal computers, Microsoft Access is a popular example of a single or small group user DBMS. Microsoft's SQL Server is an example of a DBMS that serves database requests from multiple users. This set of programs is used to define, administer, store, modify, process and extract information from a database.
Software Application	Health Information Management (HIM)	Document Management	Software systems allowing organizations to track and store electronic documents and/or images of paper documents yielding greater efficiencies in the ability to reuse information and to control the flow of the documents, from creation to archiving. This software is often used to store documents related to registration, personnel management, and medical records. These systems commonly provide storage, versioning, metadata, security, as well as indexing and retrieval capabilities.
Networking	Wireless	EAP (Extensible Authentication Protocol)	A general protocol for authentication that also supports multiple authentication methods, such as token cards, one-time passwords, certificates, public key authentication and smart cards.
Software Application	Revenue Cycle Management	Electronic Data Interchange (EDI) - Clearing House Vendor	The vendor that provides electronic transactions for eligibility, authorizations and referrals.
Software Application	Health Information Management (HIM)	Electronic Forms	A software system that automatically generates forms and can be populated by importing data from another system and/or can export data that has been entered into another system.
Software		Electronic Medical Content Data	Pre-designed actionable clinical knowledge such as bibliographic and reference databases, drug information, point-of-care information designed for healthcare practitioners such as nursing and physicians as well as patients for self care advice.
Software Application	Nursing	Electronic Medication Administration Record (eMAR)	eMAR is an electronic record keeping system that documents when medications are given to a patient during a hospital stay. This application supports the five rights of medication administration (right patient, right medication, right dose, right time, and the right route of administration) and can be used with bar coding functionality, but bar coding is not required. To achieve Stage 5 capabilities of the EMR Adoption Model (closed loop medication administration), the eMAR requires tightly coupled data flows between the CPOE, pharmacy (which may include automated dispensing machines and robotic devices), nursing eMAR, and bar code or RFID technologies to identify the patient, nurse administering the medication, and the medication. Medical errors are reduced, drug inventory costs are reduced, and billing is more accurate with closed loop medication administration. eMAR functionality is normally found within a nursing documentation application.
Organization Statistics		E-mail convention	E-mail address format that is used for most or all of the employees within a Care Delivery Organization. (e.g. .com, .org, .edu, .gov.)
Software Application	ED/Operating Room/Respiratory	Emergency Department Information Systems (EDIS)	An application that assists Emergency Department clinicians and staff in the critical task of managing patients quickly and efficiently; directs each step of the patient management/patient flow and patient documentation process including triage, tracking, nursing & physician charting, disposition, charge capture, and management reporting.

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Software Application	Health Information Management (HIM)	Encoder	This application enables health information management personnel to find and use complete and accurate codes and code modifiers for procedures and diagnosis to optimize billing and reimbursement. Example: 1234 is bronchitis, where as 1235 is bronchitis with asthma and 1236 is bronchitis with the stomach flu.
Software Application	Information Sharing	Encryption	In cryptography, encryption is the process of transforming information (referred to as plaintext) using an algorithm (called cipher) to make it unreadable to anyone except those possessing special knowledge, usually referred to as a key. The result of the process is encrypted information (in cryptography, referred to as ciphertext). In many contexts, the word encryption also implicitly refers to the reverse process, decryption (e.g. "software for encryption" can typically also perform decryption), to make the encrypted information readable again (i.e. to make it unencrypted).
Software Application	Revenue Cycle Management	Enterprise Master Person Index (EMPI)	This system maintains unique on-line listings of patients and medical records across multiple facilities and/or hospitals. It includes admission, registration and discharge dates, as well as, all data pertinent for re-registration. It provides for quick access to previous records and the ability to add new patient information to them.
Software Application	Supply Chain Management	Enterprise Resource Planning	A business management system that integrates multiple business applications including human resources, payroll, materials management, supply procurement, accounts payable, general ledger, and supply chain management by providing an automated and integrated view of business information and reports of data from several operational areas of the business. This system is a tool used to improve the accuracy of resource management and the reduction of operating costs.
Service Provider	Outsourcers	Entire IS Function	Companies that provide outsourcing services that are used by hospitals to manage and operate all of their IT functions. The hospital has no IT employees for IT functions.
Key Personnel Position		ER Director	In charge of overseeing the Emergency Room, including developing and implementing policies and procedures for ER staff. Usually reports to top management. <i>Other common titles include: Director of ER Services and Director of Critical Care.</i>
Hardware	WAN	Ethernet	The most common type of connection computers used in a local area network (LAN). An Ethernet port looks much like a regular phone jack, but it is slightly wider. This port can be used to connect your computer to another computer, a local network, or an external DSL or cable modem.
Networking		Ethernet	Ethernet is a frame-based computer networking technology for local area networks (LANs). The name comes from the physical concept of ether. It defines wiring and signaling for the physical layer, and frame formats and protocols for the media access control (MAC)/data link layer of the OSI model. Ethernet is mostly standardized as IEEE 802.3. It has become the most widespread LAN technology in use during the 1990s to the present.
Software Application	Financial Decision Support	Executive Information Systems	A class of decision-support systems that provide predefined and easy to use data presentation and exploration functionality to top-level executives. This computer-based system intended to facilitate and support the information and decision making needs of senior executives by providing easy access to both internal and external information relevant to meeting the strategic goals of the organization. It is commonly considered as a specialized form of decision support system (DSS). The emphasis of EIS is on graphical displays and easy-to-use user interfaces. They offer strong reporting and drill-down capabilities. In general, EIS are enterprise-wide DSS that help top-level executives analyze, compare, and highlight trends in important variables so that they can monitor performance and identify opportunities and problems. EIS and data warehousing technologies are converging in the marketplace.

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Software Application	Financial Decision Support	Executive Information Systems	A specific application that provides sophisticated software tools to integrate, process, and present key operational performance data to executives in an easy-to-learn and highly user-friendly format (e.g. graphics). An executive information system integrates and presents existing data but typically does not create data. An executive information system may provide cost, budget, facility utilization, staffing ratios, or revenue and profit figures. It may also provide physician profiles, practice patterns, admission and dollar volume contribution rankings, etc. It is more than just standard or customized reports generated by HIS.
Organization Statistics		External Auditing Firm	The firms contracted with the system to provide financial/ accounting audits for a designated fiscal year.
Key Personnel Position		Facility Management Head	Responsible for the overall management of the hospital building/plant environment. (Other names for this title could be: Facilities Manager, Head of Facilities, Projects and Facility Manager.)
Hardware	WAN	Fiber-Optic Technology	A communications approach that uses light pulses traveling through hair-thin glass strands to transmit information. This technology provides a higher quality transmission and greater capacity than traditional copper wire.
Software Application	Financial Decision Support	Financial Modeling	This application allows executives to monitor key performance metrics of the organization, and to drill down on the data for areas that are out of the acceptable performance range.
Technology	Biometrics	Fingerprint Scanning	Software that allows a user to scan a fingerprint image and compare the digitized image/data with fingerprints image/data in a database of authorized visitors.
Organization Statistics		Fiscal Year Ending Date	This is the date at which the system closes its financial books for one year and begins them for the next. The date is usually the end of a quarter, March, June, September or December.
Technology	Bar Coding	Fixed Asset Management	The management of fixed assets such as buildings, fixtures and machinery, which can not be converted to a fair cash value in a timely manner. Fixed assets are often managed through the use of asset tags, which are tracked through serial numbers or bar codes, for easier organization, and are filed for the purpose of accounting, maintenance and theft deterrence.
Technology	RFID	Fixed Asset Management	The management of fixed assets such as buildings, fixtures and machinery, which can not be converted to a fair cash value in a timely manner. Fixed assets are often managed through the use of asset tags, which are tracked through serial numbers or RFID tags, for easier organization, and are filed for the purpose of accounting, maintenance and theft deterrence.
Facility Information	Profit Status	For-Profit	Established, maintained, or conducted for the purpose of making a profit (e.g. HCA, Tenet are for profit organizations)
Networking	Connectivity	Frame Relay	A packet-oriented communication switching method used for local area network (LAN) interconnections and wide area network (WAN) connections. Used in both private and public networks. Frame relay networks in the U.S. support data transfer rates at T-1 and T-3 speeds.
Organization Statistics		FTEs (Full Time Equivalents)	The number of full-time equivalents employed by the hospital. Full-time equivalents are individuals who work a minimum of 40 hours per week. The number includes the hours worked by part-time employees, contractors, and other non-employees. FTEs are calculated by dividing total labor hours by 28.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Organization Statistics	Physicians	Full-time Salaried	Staff physicians on salary to the hospital (e.g. pathologists, radiologists, hospitalists). Residents: physicians who are in training for a specific area of medicine (e.g. internists, family practice, surgeons, immunologists). radiologists, hospitalists).
Software Application	General Financials	General Ledger	An application that automates general ledger accounting and provides the information necessary for financial analysis and planning. Provides for management of the chart of accounts for the healthcare organization. May be an application component of an enterprise resource planning (ERP) suite of applications.
Facility Information	Facility Description	General Medical	Provides diagnostic and therapeutic services to patients for a variety of medical conditions, with the exception of surgery.
Facility Information	Facility Description	General Medical & Surgical	Provides diagnostic and therapeutic services to patients for a variety of medical conditions, both surgical and non-surgical.
Organization Statistics		Group Purchasing Organizations (GPO)	A purchasing group or group purchasing organization negotiates discounts and/or preferred terms with the supplies and equipment vendors. These discounts and terms are made available to the group's member organizations (i.e. Amerinet, Novation). Purchasing organizations may also provide clinical research for their members, work with manufacturers and distributors to create more effective products, and work with healthcare executives and clinical personnel to provide them with programs and services to help them do their jobs better.
Key Personnel Position		Head of Facility	Person responsible for the operations of a facility. Used for sub-acute, ambulatory, home health, and data center facilities only.
Information Exchange Initiative		Health Information Exchange/RHIO initiative	A Health Information Exchange (HIE, formerly known as a Regional Health Information Exchange - RHIO) is a concept evolved from the CHINs (Community Health Information Exchanges) of the mid-1990's. HIE provides the capability to electronically move clinical information among disparate health care information systems while maintaining the meaning of the information being exchanged. The goal of HIE is to facilitate access to and retrieval of clinical data to provide safer, more timely, efficient, effective, equitable, patient-centered care. HIE is also useful to Public Health authorities to assist in analyses of the health of the population.
Service Provider	Outsourcers	Help Desk	A department within a hospital organization that responds to user's technical questions. Questions and answers can be delivered by telephone, e-mail, BBS, fax, or may be done in person if the service is provided in-house. This function may be outsourced by the healthcare organization.
Key Personnel Position		HIM (Health Information Management) Director	Oversees the maintenance and analysis of the data/information collected throughout the delivery system, including budget, quality improvement, hiring, evaluation, and supervision. Also ensures compliance with regulatory requirements. Typically reports to an executive. <i>Other common titles include: Director of Medical Records, Director of HIS, Director of Quality Assurance, Director of I.S., and Director of Medical Information.</i>
Software Application	Home Health	Home Health Administrative	The home health application used to manage scheduling, registration, and payment for home health services.
Facility Information	Facility Type	Home Health Care Facility	Provides nursing, therapy, and health-related homemaker or social services in the patient's home. Dieticians, physical therapists, nurses, doctors, and others provide services. Home health facilities also provide hospice services.
Software Application	Home Health	Home Health Clinical	The home health application used to manage the care delivery provided by home health nurses. This application provides clinical documentation, care planning, and task lists.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Facility Information	Facility Description	Hospice	Provides medical care focused on relieving pain, symptom control and other services that address the emotional, social, financial and spiritual needs of terminally ill patients and their families.
Facility Information	Facility Type	Hospital	A facility that services individuals with less than chronic diseases on an inpatient basis and provides a level of health care in which a patient is treated for a brief, but severe episode of illness, for conditions that are the result of disease or trauma and during recovery from surgery. Referred to as acute care facilities or hospitals.
Key Personnel Position		Hospital Operations Head	Responsible for the operations of the acute care facility/facilities. <i>Other common titles include: Administrator, President, CEO, COO, Executive Vice President, Director of Operations, and Sr. VP of Operations.</i>
Organization Statistics	Physicians	Hospitalists	A full time employed physician of the hospital who is responsible for the patient's care during the hospital stay. The hospitalists work closely with the admitting and primary care physicians of the patient.
Key Personnel Position		HR Head	The head of human resources. Usually a Vice President.
Technology	Biometrics	Identity Management	Software that is used to automate administrative tasks, such as resetting user passwords. It enables users to reset their own passwords. There is also identity management software named password synchronization that enables a user to access resources across systems with just a single password, or single sign-on. tasks, In an enterprise setting, identity management is used to increase security and productivity, while decreasing cost and redundant effort.
Service Provider	Consultants	Implementation or Project Management	Consulting service methodologies to effectively implement or manage hospital IT projects are provided by these consultants.
Software Application	Nursing	Infection Surveillance System	The software analyzes clinical data from various information systems, looking for trends that indicate a patient or patients could be developing a hospital acquired infection. When problems are detected, alerts are automatically sent to appropriate infection control personnel.
Facility Information		Information Exchange Initiative	Attempts by two or more independent healthcare organizations (HCOs) in a geographic area to collaborate to share common patient information for the improvement in community health status, patient care, or viability of the HCOs. A common variety of information exchange initiatives is regional healthcare information networks (RHINs).
Software Application	Health Information Management (HIM)	In-house Transcription	Transcription functions are performed within the healthcare organization using internal resources and applications.
Transcription		In-House Transcription FTEs	All transcription services are done by the hospital's staff and the transcriptionists are employed by the hospital (the hospital's transcriptionists may be working virtually from their homes).
Installation Status	Contracted	Installation In Process	The status of an application where the installation/implementation process has begun and is in process, but the application has not yet been converted to use in live operations.
Facility Information	Facility Type	Integrated Delivery System (IDS)/ Regional Health Authority (RHA)	In the US, and integrated delivery system is a healthcare organization (HCO) that owns at least two medical/surgical hospitals, and includes all associated ambulatory and sub-acute facilities of the organization as well. In Canada, Regional Health Authorities control the budgets for healthcare services of hospitals and ambulatory facilities for specific regions within a province.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Software Application	Nursing	Intensive Care	An application that provides for the automated clinical documentation and protocol intervention management provided by intensive care or critical care professionals. This system also captures the data output from all medical devices monitoring the patient's clinical status. Order entry, clinical decision support, clinical documentation (e.g. flow-charting, medication administration) and results reporting are representative application components of an intensive care/critical care system. An application that provides for the automated clinical documentation and protocol intervention management provided by intensive care or critical care professionals. This system also captures the data output from all medical devices monitoring the patient's clinical status. Order entry, clinical decision support, clinical documentation (e.g. flow-charting, medication administration) and results reporting are representative application components of an intensive care/critical care system.
Software Application	Information Sharing	Interface Engine	An interface engine is a tool that translates functions from different systems and protocols into a common format to facilitate information sharing. It is a translator for data or files to pass between systems.
Pharmacy		Inventory Management Carousels	Physical devices that store day to day pharmaceutical supplies for manual or automatic picking of items for patient and nursing unit supply.
Technology	Biometrics	Iris Scanning	Biometric identification by scanning the iris of the eye; Retinal recognition by means of scanning blood vessel patterns of the retina and the pattern of flecks on the iris.
Networking	Broadband	ISDN (Integrated Services Digital Network)	ISDN is a data transfer technology that can transfer data significantly faster than a dial-up modem. ISDN enables wide-bandwidth digital transmission over the public telephone network, which means more data can be sent at one time. A typical ISDN connection can support transfer rates of 64K or 128K of data per second.
Key Personnel Position		IT Director	The IT director can either manage the IS department for a hospital, or reports to a CIO and has tactical responsibility for executing organizational IT strategy.
IS Department Statistics		IT FTE - EMR Support Staff	The number of IS FTEs assigned to support the various EMR applications that are operational in the hospital (nursing documentation, CPOE, physician documentation, pharmacy, closed loop medication dispensing, and CDSS). In many cases these are clinical professionals providing application support to the EMR applications, and staffed in the IS department.
IS Department Statistics		IT FTE - Help Desk	Number of IT FTEs staffing the help desk
IS Department Statistics		IT FTE - Management	Number of FTEs in management positions in IT
IS Department Statistics		IT FTE - Operations	Number of FTEs in operation positions in IT
IS Department Statistics		IT FTE - Other	Number of other FTEs in IT
IS Department Statistics		IT FTE - PC Support	Number of IT FTEs staffing PC support functions
IS Department Statistics		IT FTE - Programmers	Number of FTEs in programming positions in IT
IS Department Statistics		IT FTE - Project Managers	Number of FTEs in project management positions in IT
IS Department Statistics		IT FTE - RCM Support Staff	The number of IS FTEs assigned to support the various revenue cycle management applications that are operational in the hospital (patient billing, patient registration, contract management, claims management, enterprise scheduling, etc.)
Service Provider	Consultants	IT Plans or Strategies	IT plans and strategies for addressing business, clinical, and market needs are created by consultants providing this service.
Key Personnel Position		IT Security Officer	Responsible for all ongoing activities that provide appropriate access to and protection of the confidentiality and integrity of patient, provider, employee, and other business information in compliance with law, regulations, policies and standards in the hospital. Also responsible for managing and supervising the execution and use of security measures to protect data and for managing and supervising the conduct of personnel in relation to the protection of data. This person may not be an employee of the IT department

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Hardware	Pharmacy	IV Pump	An apparatus designed to deliver measured amounts of a drug or IV solution through IV injection over time. Some kinds of infusion pumps can be implanted surgically.
Technology	Bar Coding	Laboratory	Bar code technology used in the laboratory department to improve the efficiency of operations for functions such as specimen identification, specimen collection, and specimen processing.
Technology	RFID	Laboratory	RFID technology used in the laboratory department to improve the efficiency of operations for functions such as specimen identification, specimen collection, and specimen processing.
Software Application	Laboratory	Laboratory - Molecular Diagnostics	Borrowing from two new disciplines, genomics (gee-no-micks) and proteomics (proh-tee-oh-mics), molecular diagnostics categorizes cancer using technology such as mass spectrometry and gene chips. Genomics is the study of all the genes in a cell or organism, while proteomics is the study of all the proteins. Molecular diagnostics determines how these genes and proteins are interacting in a cell. It focuses upon patterns--gene and protein activity patterns--in different types of cancerous or precancerous cells. Molecular diagnostics uncovers these sets of changes and captures this information as expression patterns. Also called "molecular signatures," these expression patterns are improving the clinicians' ability to diagnose cancer. Soon all cancers may be diagnosed this way.
Software Application	Laboratory	Laboratory - Outreach Services	Laboratory services provided by the health system to practitioners and other organizations in the community; Dr. offices can send their patient specimens to the Outreach Lab for test processing.
Key Personnel Position		Laboratory Director	Responsible for ensuring effective and efficient operation of the system's laboratories, including implementation of laboratory policies, procedures, and services, as well as maintaining quality control and compliance adherence. Can be a doctor, but is not necessary. Generally manages clinical technicians and reports to an executive. <i>Other common titles include: Administrative Director of Laboratory, Chief of Laboratory and/or Pathology, Manager of Laboratory, and VP of Clinical Services.</i>
Software Application	Laboratory	Laboratory Information Systems	An application to streamline the process management of the laboratory for basic clinical services such as hematology and chemistry. This application may provide general functional support for microbiology reporting, but does not generally support blood bank functions. Provides an automatic interface to laboratory analytical instruments to transfer verified results to nurse stations, chart carts, and remote physician offices. The module allows the user to receive orders from any designated location, process the order and report results, and maintain technical, statistical, and account information. It eliminates tedious paperwork, calculations, and written documentation while allowing for easy retrieval of data and statistics.
Networking	Connectivity	LAN (Local Area Network)	A single network of physically interconnected computers that is localized within a small geographical area. Operates in a span of short distances.
Hardware	Computer	Laptop	A personal computer that is small and light enough to be operated on the user's lap
Networking	Wireless	LEAP (Lightweight and Efficient Application Protocol)	One of several protocols used with the IEEE 802.1X standard for LAN port access control. In the 802.1X framework, a LAN station cannot pass traffic through an Ethernet hub or WLAN access point until it successfully authenticates itself. The station must identify itself and prove that it is an authorized user before it is actually allowed to use the LAN.
Facility Information	Ownership Status	Leased Facility	An agreement with a facility or entity that has received rights of use and possession from another organization in accordance with the terms of a lease agreement and receives revenue for the facility or entity over a set number or years.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Hardware	Server	Legacy Mainframe	Industry term for a large computer, typically manufactured for commercial applications and other large-scale computing purposes. Historically, a mainframe is associated with centralized rather than distributed computing. *Operating systems for this hardware environment include Multiple Virtual Storage (MVS) and Customer Information Control System (CICS).
Organization Statistics		Licensed Beds	The total number of beds that a facility is licensed to operate by the state.
Installation Status	Automated	Live and Operational	The status of an application that is being used in live operations to support a business or clinical workflow.
Facility Information	Facility Description	Long Term Acute	Refers to a hospital with a patient stay longer than 25 days, acute-licensed beds and normally with critical care services. While these hospitals may not have operating and emergency rooms, they are still <u>considered acute care facilities</u> .
Facility Information	Facility Description	Long Term Care	Provides residential care-elderly housing services for those who do not require daily medical or nursing services, but may require some assistance in the activities of daily living, or sheltered care facilities for developmentally disabled; this does not include skilled nursing or intermediate care.
Key Personnel Position		Managed Care Head	Responsible for the development, planning and operations of payer services. <i>Other common titles include: Director of Business Office/Patient Accounts and Director of Case Management.</i>
Facility Information	Ownership Status	Managed Facility	An agreement with a facility or entity in which managerial and purchasing control of IT is performed by another organization and they receive revenue from the facility or entity over a set period of years.
Key Personnel Position		Marketing Head	In charge of overall marketing operations for the organization, including marketing policies, objectives, and initiatives, as well as developing and implementing strategic marketing plans for the organization. Leads and directs the work of others and usually reports to an executive. <i>Other common titles include: Manager/Head/Director of Communications, VP/Director of Community Relations, VP/Director of Planning &amp; Marketing, VP/Director of Public Affairs, and VP/Director of Public Relations.</i>
Software Application	Supply Chain Management	Materials Management	Materials management software supports the procurement and inventory functions for all hospital departments and operations.
Technology	Bar Coding	Materials Management	Bar coding is used by the materials management department for inventory control of all medical surgical and general supplies.
Technology	RFID	Materials Management	RFID is used by the materials management department for inventory control of all medical surgical and general supplies.
Software Application	Revenue Cycle Management	Medical Necessity Checking Content	A software application that is used to assess the insurance coverage for specific patient treatments. If the ordered procedures are not covered an Advanced Beneficiary Notice must be completed before the treatment is rendered to the patient. These solutions can be stand-alone applications or integrated with <u>scheduling or registration applications</u> .
Key Personnel Position		Medical Staff Chief	Responsible for the coordination and representation of the entire medical staff. <i>Other common titles include: Chief of Medical Staff, Chief of Staff, President of Medical Staff, and VP of Medical Affairs.</i>
Organization Statistics		Medical/Surgical Intensive Care Beds	Provides patient care of a more intensive nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans.
Technology	Bar Coding	Medication Administration	Barcode technology used by nursing services to improve the efficiency of operations such as patient identification, nurse identification, medication identification, and closed loop medication administration processes that improve patient safety.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Technology	RFID	Medication Administration	RFID technology used by nursing services to improve the efficiency of operations such as patient identification, nurse identification, medication identification, and closed loop medication administration processes that improve patient safety.
Software Application	Nursing	Medication Reconciliation	An application used to evaluate and manage a patient's active medications as a patient moves between modalities of care.
Business Process		Merger	When the ownership status of a facility changes with the merging of assets and liabilities by the healthcare organizations (HCO).
Software Application	Laboratory	Microbiology	An application designed to manage the processes in a Microbiology department with a focus on antibiotic susceptibility testing, organism identification, and interfacing to microbiology testing equipment.
Hardware	Storage	NAS (Network-Attached Storage)	A hard disk storage system that has its own network address rather than being attached to the department computer that is serving applications to a network's workstation users. By removing storage access and its management from the department server, both application programming and files can be served faster because they are not competing for the same processor resources.
Service Provider	Consultants	Network Administration	Consulting services focused on creating efficient and reliable data networks within the hospital.
Service Provider	Outsourcers	Network Administration	The process of managing all components of network operations. This may include WANs as well as LANs. Network administration includes the deployment, maintenance and monitoring of active network gear: switches, routers, firewalls, etc. Network administration commonly includes activities such as network address assignment, assignment of routing protocols and routing table configuration as well as configuration of authentication and authorization – directory services. This function may be outsourced by the hospital organization.
Hardware	Server	Network Server	A network server supports the sharing of peripheral devices among the workstations in the network. Network Servers provide printing, file sharing, and messaging services to end-user PCs.
Installation Status	Not Automated	Not Automated	Commercial or self-developed software is not in use to support a specific business process. This includes when a facility is using general software to perform the function. For example, Microsoft EXCEL in use for patient scheduling would not be considered automated since this is not patient scheduling specific software.
Installation Status	Not Reported	Not Reported	A status that represents that an applications software product or vendor was not disclosed for the support of specific business or clinical process.
Installation Status	Planned	Not Yet Contracted	The status whereby a process has been enacted to evaluate purchasing an application, but where a specific application has yet to be selected.
Facility Information	Profit Status	Not-for-Profit	Not conducted or maintained for the purpose of making a profit. A legal designation that confers tax exemption for the operation of the facility.
Organization Statistics		Number of Births	The total number of newborn births during the hospital's last fiscal year
Organization Statistics		Number of Emergency Room Visits	Total number of emergency department visits for the hospital for the most recent fiscal year
IS Department Statistics		Number of Full-time Equivalents in IS Department	the number of IS staff that is employed by the hospital and is calculated by an employee that works at least 2040 hours per year. This does not include contracted or outsourced IT staff.
Organization Statistics		Number of Full-Time Registered Nurses	Number of nurses who have graduated from approved schools of nursing and who are currently registered by the state. They are responsible for the nature and quality of all nursing care that patients receive.
Organization Statistics		Number of Home Care Visits	This refers to the number of visits made per year by each facility providing home healthcare services.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Organization Statistics		Number of Home Health Visits	Total number of home health visits provided by the home health organization for the most recent fiscal year
Organization Statistics		Number of Radiology Procedures	The total number of radiology procedures conducted at the hospital and diagnostic imaging centers during the healthcare system's last fiscal year.
Software Application	Nursing	Nurse Acuity	An application that allows nurses or clinical applications to create and track acuity ratings for patients that can be used to project scheduling needs for nursing services based on needed or required nursing skill levels. Acuity systems can also be used to drive nurse staffing systems.
Software Application	Nursing	Nurse Call	Software that allows patients to "call" for a nurse at their bedside, some software systems have a "master" station at the nurses station allowing immediate notification to the nurse no matter where they are.
Software Application	Nursing	Nurse Staffing/Scheduling	An application that automates decisions about staffing, nursing stations, and scheduling nurses' time. May include functions that enable a hospital to quickly review and generate its nurse scheduling; adjust staffing and scheduling based on patient volume, acuity, and staff ability; keep records for budgeting; produce management reports on productivity and census; and maintain records on personnel qualifications.
Environment		Nursing Closed Loop Medication Administration	An environment where nurses administer medications at point of care by scanning the patient and the medication bar codes provided by pharmacy to initiate clinical decision support to evaluate the five rights of medication administration.
Software Application	Nursing	Nursing Documentation	This software documents nursing notes that describe the care or service to that client. Health records may be paper documents or electronic documents, such as electronic medical records, faxes, emails, audio or video tapes and images. Through documentation, nurses communicate their observations, decisions, actions and outcomes of these actions for clients. Documentation software tracks what occurred and when it occurred.
Facility Information	Facility Description	Nursing Home	Permanent housing for those individuals who require non-acute medical, skilled nursing care services, therapy and social services under the supervision of a licensed registered nurse on a 24-hour basis.
Key Personnel Position		OB Head	The head of the obstetrical/gynecological services in the hospital.
Software Application	Nursing	Obstetrical Systems (Labor & Delivery)	An application designed to manage the clinical care services provided by the labor and delivery department. These applications are usually interfaced to devices such as fetal monitors.
Software Application	ED/Operating Room/Respiratory	Operating Room (Surgery) - Peri-Operative	An OR application that provides clinical documentation/management of relevant Real time surgery procedure, both from a OR nurses and Anesthesiologists perspective; includes clinical order management, decision support, anesthesia documentation, integration to Anesthesia systems, smart cabinets, IVs, PACS images, monitors, potentially smart surgical instruments for image guided surgery. Provides for the management of relevant OR supplies/meds during surgery
Software Application	ED/Operating Room/Respiratory	Operating Room (Surgery) - Post-Operative	An OR application that provides clinical documentation/management of relevant follow-up procedures, transfers to step down units, ICUs, etc. both from a OR nurses and Anesthesiologists perspective.. includes clinical order management, decision support, integration to ventilator systems, smart cabinets, IVs, monitors, full charge capture and claim submission integration to HIS. Reporting on various clinical, operational and financial metrics- Quality, LOS, costs/charges/margin per case, outliers, etc.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Software Application	ED/Operating Room/Respiratory	Operating Room (Surgery) - Pre-Operative	An OR application that provides clinical documentation/management of relevant pre-surgery information and patient preparation for surgery. It also provides for the management of relevant pre-surgery availability/scheduling/reservation/preparation of room, OR supplies/meds, and staff.
Key Personnel Position		Operating Room Head	A nurse who manages all areas of the day-to-day operations of the OR and related departments including the supervision of the staff providing patient care.. Responsibilities include staffing, hiring, vendor interactions and working closely with physician interactions. <i>Other common titles include: Manager of OR.</i>
Hardware	Storage	Optical Disc	An optical disc is an electronic data storage medium that is read or recorded using a low-powered laser beam. There has been a constant succession of optical disc formats, first in CD formats, followed by a number of DVD formats. Optical disc offers a number of advantages over magnetic storage media. An optical disc holds much more data.
Organization Statistics		OR Rooms	Total number of operating rooms/ surgical suites the hospital has open and performing surgeries in.
Software Application	ED/Operating Room/Respiratory	OR Scheduling	A scheduling application that addresses all functions necessary to schedule patients, all required clinicians, materials, equipments, and surgical suites for surgical services provided by the healthcare organization.
Software Application	Electronic Medical Record	Order Entry (Includes Order Communications)	A legacy HIS application that allows for entry of orders from multiple sites including nursing stations, selected ancillary departments, and other service areas; allows viewing of single and composite results for each patient order. This function creates billing records as a by-product of the order entry function.
Facility Information		Organizational Control	This indicates the type of organization that is responsible for establishing policy for overall operation of the hospital. Options include Government, Non-Government, Investor-Owned.
Software Application	Utilization Review/Risk Management	Outcomes and Quality Management	An application that provides a clinical data set utilized in monitoring overall performance, efficiency, cost, and quality of clinical care by analyzing, comparing and trending information of detailed clinical practice patterns and parameters. Example: To reduce infections post-operation, the hospital will gather data regarding broad or specific patients and can narrow down areas for improvement based on the data obtained.
Organization Statistics		Outpatient Visits	The total number of patients seen on an outpatient basis including clinic activity and any hospital outpatient services during the hospital's last fiscal year. ER and home health visits are excluded.
Transcription		Outsourced Lines	Transcription services are contracted with an outside person or company and the employees are not employed by the hospital. Number of outsourced lines transcribed and used to bill back to the hospital or to the physician.
Service Provider		Outsourcers	Companies that provide application development, support, or remote hosting for hospitals.
Facility Information	Ownership Status	Owned Facility	A facility whose services are controlled and managed by the parent healthcare organization (HCO).
Key Personnel Position		PACS Administrator	In charge of the development and deployment of the PACS in relation to information systems, radiology and cardiology. Can be a technician. <i>Other common titles include: Director of Radiology, PACS Coordinator/Manager, Radiology Manager, and Director of Imaging Services.</i>
Key Personnel Position		Pathology Chief	Oversees the operations for the pathology department, and sometimes the laboratory as well. <i>Other common titles include: Chief Pathologist and Director of Laboratory/Pathology.</i>
Key Personnel Position		Patient Accounting/Revenue Cycle Head	Responsible for the overall operations of the entire patient accounting department of the hospital which may include billing, collection, cash, and data.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Software Application	Revenue Cycle Management	Patient Billing	An application to automate institutional and professional billing for inpatient and outpatient services and discharged accounts receivable. Automates billing and collection procedures daily, thus providing timely information in areas such as posting and audit, billing receivable management, and revenue and management reporting.
Technology	Bar Coding	Patient Registration	Bar code technology used in registration to identify the patient with a bar coded wristband to ensure the correct patient is receiving the prescribed treatments and medications.
Technology	RFID	Patient Registration	RFID technology used in registration to identify the patient with an RFID tagged wristband to ensure the correct patient is receiving the prescribed treatments and medications.
Key Personnel Position		Patient Safety Head	Develops, implements, and manages safety programs, policies, and procedures within the organization, while keeping up to date with patient safety issues. Ensures regulations are addressed. Leads and directs the work of others and usually reports to top management. <i>Other common titles include: Risk Manager, Safety Officer, and Director of Risk/Quality Management.</i>
Software Application	Revenue Cycle Management	Patient Scheduling	An application that coordinates scheduling of all the provider components for required patient services and identifies conflicts with other appointments for the patients or provider components. It may include preparation requirements, resource and materials requirements, staff workload lists and patient care notifications.
Software Application	Human Resources	Payroll	An application that manages payroll processing. This application keeps records of all employees for timely compensation payment and processes employees' paychecks.
Hardware	Computer	PC Blades	A PC architecture that houses multiple PC modules ("blades") in a single chassis. It takes the machines off the users' desks and houses them in rack mounted cabinets in the data center similar to blade
Hardware	Mobile Device	PDA (Personal Digital Assistant)	A handheld computing device capable of containing streamlined versions of healthcare software that is compatible with other major systems, and capable of communicating through a direct serial connection, modem, or wireless interface.
Software Application	Human Resources	Personnel Management	An application that manages personnel administration functions so that the progression of employees can easily be seen, and include application tracking, salary administration, continuing education credits, employee health requests, and evaluation histories.
Technology	Bar Coding	Pharmacy	Bar coding is used by the pharmacy department for inventory control of drugs.
Technology	RFID	Pharmacy	RFID is used by the pharmacy department for inventory control of drugs.
Key Personnel Position		Pharmacy Head	Responsible for the operation of the system's inpatient and outpatient pharmacies. Develops and maintains policies and goals for system's pharmacy services. Maintains contact with other department heads, medical staff, and nursing staff to determine needs, resolve issues, improve processes, and promote effective drug therapy. Must be a registered pharmacist. Usually reports to an executive. <i>Other common titles include: Chief Pharmacist and Manager/Director of Pharmacy.</i>
Pharmacy		Pharmacy Inventory Management	The software support to maintain pharmacy inventory, decrements for use, and increases for orders received. Also, support automatic order generation to support predesigned inventory levels.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Software Application	Pharmacy	Pharmacy Management System	An application that provides complete support for the Pharmacy department from an operational, clinical and management perspective, helping to optimize patient safety, streamline workflow and reduce operational costs. It also allows the pharmacist to enter and fill physician orders and, as a byproduct, performs all of the related functions of patient charging, General Ledger updating, re-supply scheduling and inventory reduction/statistics maintenance. During order entry, the module automatically checks for Drug-Drug and Food-Drug Interactions and monitors for allergy contraindications. Maintenance of an on-line patient medication profile allows easy access by the pharmacist and may be viewed by nursing stations, ancillary departments and physicians.
Software Application	Electronic Medical Record	Physician Documentation	The use of structured template documentation by physicians to capture any of their patient findings that are part of the electronic medical record (e.g. history and physicals, problems and diagnostic findings, discharge notes, etc). The structured template documentation captures discrete data that is used for interaction with the clinical decision support system relative to evidence based medicine guidelines and/or protocols. Dictation and transcription applications do not qualify as a physician documentation application for the purpose of this study.
Software Application	Information Sharing	Physician Portal	A password protected web site designed for physicians and other practitioner access where information is available such as discrete patient results, patient census, physicians to physician communication, etc. <b>Not open to the general public.</b>
Software Application	Ambulatory	Practice Management	The application that provides the registration, scheduling, and billing functions for a physician office or clinic.
Hardware	Preferred Supplier	Primary Supply Channel Vendor	The primary channel used to purchase specific hardware. Includes GPOs, Resellers and direct purchases.
Key Personnel Position		Purchasing Head	Directs and oversees organization's purchasing function, including developing policies to acquire various goods and services. <i>Other common titles include: Director of Materials Management and Director of Purchasing.</i>
Key Personnel Position		Quality Head	The person that manages the capture and reporting of quality and outcomes data to internal (hospital quality committee) and external sources (AHRQ). <i>Other common titles include: Director of Quality</i>
Technology	Bar Coding	Radiology	Bar code technology used in the radiology/imaging department(s) to improve the efficiency of operations of functions such as patient tracking, film tracking, and the completion of imaging services.
Technology	RFID	Radiology	RFID technology used in the radiology/imaging department(s) to improve the efficiency of operations of functions such as patient tracking, film tracking, and the completion of imaging services.
Software Application	Radiology & PACS	Radiology - Angiography	Coronary angiography is an X-ray examination of the blood vessels or chambers of the heart. A very small tube (catheter) is inserted into a blood vessel in your groin or arm. The tip of the tube is positioned either in the heart or at the beginning of the arteries supplying the heart, and a special fluid (called a contrast medium or dye) is injected. This fluid is visible by X-ray, and the pictures that are obtained are called angiograms. Images created from the medical devices used for angiography procedures are managed by PACS for viewing, reporting, and storage.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Software Application	Radiology & PACS	Radiology - CR (Computed Radiography)	Rather than using film, computed radiography (CR) uses an imaging plate. This plate contains photostimulable storage phosphors, which retain the latent image. When the imaging plate is scanned with a laser beam in the digitizer, the latent image information is released as visible light. This light is captured and converted into a digital stream to compute the digital image. Images created from the medical devices used for CR procedures are managed by PACS for viewing, reporting, and storage.
Software Application	Radiology & PACS	Radiology - CT (Computerized Tomography)	CT (computed tomography), sometimes called CAT scan, uses special x-ray equipment to obtain image data from different angles around the body, and then uses computer processing of the information to show a cross-section of body tissues and organs. Images created from the medical devices used for the CT procedures are managed by PACS for viewing, reporting, and storage.
Software Application	Radiology & PACS	Radiology - DF (Digital Fluoroscopy)	Digital Fluoroscopy uses a fluoroscopy unit from which the signal is digitized, and where the digital images are generated in a computer and displayed on a cathode ray tube (CRT) screen. Images created from the medical devices used for the DF procedures are managed by PACS for viewing, reporting, and storage.
Software Application	Radiology & PACS	Radiology - Digital Mammography	Digital mammography assists in the early detection of breast cancer by incorporating modern electronics and computers into x-ray mammography methods. Instead of acquiring an image on film, it is collected electronically and can be stored directly into a computer. Images created from the medical devices used for the digital mammography procedures are managed by PACS for viewing, reporting, and storage.
Software Application	Radiology & PACS	Radiology - DR (Digital Radiography)	With digital radiography projection, radiography images are captured digitally and are available for review in just seconds. The readout and processing steps required by CR have been eliminated. Images created by DR are managed by PACs for viewing, reporting and storage.
Software Application	Radiology & PACS	Radiology - MRI (Magnetic Resonance Imaging)	An MRI scan is a radiology technique, which uses magnetism, radio waves, and a computer to produce images of body structures. The MRI scanner is a tube surrounded by a giant circular magnet. The patient is placed on a moveable bed which is inserted into the magnet. The magnet created a strong magnetic field which aligns the protons of hydrogen atoms, which are then exposed to a beam of radio waves. This spins the various protons of the body and they produce a faint signal which is detected by the received portion of the MRI scanner. The received information is processed by a computer, and an image is then produced. Images created from the medical devices used for the MRI procedures are managed by PACs for viewing, reporting and storage.
Software Application	Radiology & PACS	Radiology - Nuclear Medicine	Nuclear Medicine uses radioactive substances to image the body and treat disease. Nuclear Medicine looks at both the physiology (functioning) and the anatomy of the body in establishing diagnosis and treatment. Images created from the medical devices used for the nuclear medicine procedures are managed by PACs for viewing, reporting and storage.
Software Application	Radiology & PACS	Radiology - Orthopedic	Filmless radiology, also referred to as filmless or digital imaging, allows data to be displayed on a monitor and the digital x-ray image to be manipulated, duplicated, transmitted, and saved within seconds. Used specifically by orthopedic specialists to monitor bones, joints, and implants in patients.
Software Application	Radiology & PACS	Radiology - US (Ultrasound)	Ultrasound or ultrasonography is a medical imaging technique that uses high frequency sound waves and their echoes to create an image of the organs or fetuses in the body. The technique is similar to the echolocation used by bats, whales and dolphins, as well as SONAR used by submarines. Images created from the medical devices used for the Ultrasound procedures are managed by PACS for viewing, reporting, and storage.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Key Personnel Position		Radiology Administrative Director	In charge of operations for the radiology department. May be a doctor, but usually not. <i>Other common titles include: Director/Manager of Radiology.</i>
Software Application	Radiology & PACS	Radiology Information System	An automated RIS manages the operations and services of the radiology department. The functionality includes scheduling, patient and image tracking and the rapid retrieval of diagnostic reports. The RIS can be integrated with the hospital information system and a PACS to provide an efficient environment for users to collect, process and manage data.
Key Personnel Position		Radiology Medical Director	Oversees and supervises all radiology procedures (X-ray, MRI, CAT, etc.). Usually a doctor. Reports to top management. <i>Other common titles include: Director of Radiology and Chief Radiologist.</i>
Hardware		Remote Hosting	A form of outsourcing where a client's personal computers are networked into a vendor's remote data processing center via high-speed phone lines. Rapid response times allow the client to access software at the vendor's site. Thus, a client avoids hardware costs and shares processing and software costs with the vendor's other remote processing clients. If this is done with a web-based architecture it is referred to as application service provisioning (ASP).
Service Provider	Remote Hosting	Remote Hosting	A form of outsourcing where a client's personal computers are networked into a vendor's remote data processing center via high-speed phone lines. Rapid response times allow the client to access software at the vendor's site. Thus, a client avoids hardware costs and shares processing and software costs with the vendor's other remote processing clients. If this is done with a web-based architecture it is referred to as application service provisioning (ASP).
Organization Statistics	Physicians	Residents	Physicians who are in training for a specific area of medicine (e.g. internists, family practice, surgeons, immunologists).
Software Application	ED/Operating Room/Respiratory	Respiratory Care Information Systems	An application that supports the operation of providing respiratory care services. This application provides for order entry, worklists, and clinical documentation.
Technology	Pharmacy	Robot Technology	Robotic technology used by pharmacies to conduct dispensing and cart fill functions and to deliver medications to medication cabinets for restocking.
Networking	Connectivity	Router	A router allows two devices connected to LANs or WLANs (wireless local area networks) of different types to access each other. A router's function is similar to a bridge, but it must be able to communicate in different LAN/WLAN protocols and choose the best path where multiple paths exist between nodes on the networks.
Hardware	Storage	SAN (Storage Area Network)	A high-speed special-purpose network (or sub-network) that interconnects different kinds of data storage devices with associated data servers on behalf of a larger network of users. Typically, a storage area network is part of the overall network of computing resources for an enterprise.
Installation Status	Not Automated	Service Not Provided	The hospital does not provide this service anywhere in the inpatient or outpatient hospital setting.
Organization Statistics		Service Population	Relates the number of people that are serviced by the health care delivery system and its entities. This can be all the people in the surrounding counties, where the health system is located, or even across state boundaries.
Organization Statistics		Service Region	Refers to the geographic area to which the system provides health care services.
Facility Information	Facility Type	Single Hospital System	A healthcare organization (HCO) composed of a single hospital and its associated non-acute facilities.
Software Application	Information Sharing	Single Sign-On	Single sign-on (SSO) - A specialized form of software authentication that enables a user to authenticate once and gain access to the resources of multiple software systems.
Strategy - IS		Single Vendor	An application buying philosophy that dictates most, if not all, applications being purchased from one vendor. It's the opposite of "best of breed."

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Facility Information	Facility Description	Skilled Nursing Facility	Provides non-acute medical, skilled nursing care services, therapy and social services under the supervision of a licensed registered nurse on a 24-hour basis.
Hardware	Mobile Device	SmartPhone	A device licensed to be a telephone using US FCC authorized frequencies, which has internet browser capability; web-enabled applications, the ability to view email file attachments that include documents and images, file storage capability to support calendaring, email and texting
Software Application	Information Sharing	Spam/Spyware Filter	Email filtering is the processing of e-mail to organize it according to specified criteria. Most often this refers to the automatic processing of incoming messages, but the term also applies to the intervention of human intelligence in addition to anti-spam techniques, and to outgoing emails as well as those being received. Common uses for mail filters include removal of spam and of computer viruses.
Software Application	Nursing	Staff Scheduling	An application that creates automated scheduling for hospital personnel based on skill levels, shifts, seniority, etc.
Organization Statistics		Staffed Beds	The total number of beds the hospital has personnel to care for. The number of staffed beds should always be equal to or less than the total number of licensed beds.
Software		Stark Plans	The plans hospitals have for providing ambulatory applications to affiliated physicians and/or clinics that complies with the new Stark relaxation laws. The physicians/clinics must still pay at least 15 percent of the cost of these application services.
Strategy - IS		Steering Committee	A group of employees at a health system that either make purchasing decisions or recommendations related to hospital buying, including but not limited to hardware and software.
Facility Information	Facility Type	Sub-Acute Care Facility	A facility providing care that falls between acute care and traditional home care. It is needed immediately after, or instead of hospitalization, and includes medical services such as short-term rehabilitation, intravenous therapy, wound management, cardiac rehabilitation, psychiatric and long-term care such as assisted living or nursing home care. Sub-acute facilities do not provide acute care services such as emergency, surgery, ICU, obstetrics and cardiology.
Service Provider	Consultants	Supplemental IS Staffing (help desk, IS department specific personnel)	Consulting services that provide additional staffing for hospitals in service areas where hospital may have high turnover or trouble in recruiting the required skill sets.
Service Provider	Outsourcers	Supplemental IS Staffing (help desk, IS department specific personnel)	Staffing for hospitals in service areas where hospital may have high turnover or trouble in recruiting the required skill sets.
Service Provider	Consultants	System Selection	A process performed by consultants to evaluate vendor IT application products and services for meeting the business and clinical needs of hospital clients.
Hardware	WAN	T1	A data transfer line that transfers digital signals at a fast speed. Because of the T1's large bandwidth, hundreds of people can be accessing the Internet from one T1 line. However, like all good things, too many people on one T1 line can cause dramatic decreases in data transfer speeds. For this reason, multiple T1s are often used.
Hardware	WAN	T3	A T3 line is 30 times faster than a T1 line. A T1 is a data transfer line transfers digital signals at a fast speed. Because of the T1's large bandwidth, hundreds of people can be accessing the Internet from one T1 line. However, like all good things, too many people on one T1 line can cause dramatic decreases in data transfer speeds. For this reason, multiple T1s are often used.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Hardware	Mobile Device	Tablet PC	A wireless personal computer in the form of a notebook and that allows a user to hand-write notes with a stylus or digital pen on a touch screen . A tablet PC that includes a keyboard is a convertible or hybrid; <b>one with only a monitor and pen is called a slate.</b>
Software Application	Information Sharing	Telemedicine	The transfer of medical information via telecommunication technologies and specially designed medical devices for the purpose of consulting or for remote medical procedures or examinations.
Hardware	Computer	Thin Client	A computer or a computer program which depends heavily on some other computer (such as an application or network server) to fulfill its traditional computational roles
Software Application	Human Resources	Time and Attendance	This application automates the collection, processing and reporting of employee hours. The functions of this system include real-time data on employee absenteeism, tardiness, total number of hours worked and employee scheduling. Many of these systems also interface with the payroll system for paycheck processing.
Installation Status	Replaced	To Be Replaced	The status of an application that will be replaced by another application for the support of a business or clinical process.
Networking	Connectivity	Token Ring Network	Type of proprietary LAN topology in which networked nodes are connected at points to form a ring in which data packets travel. Uses a token for transmission access.
Organization Statistics		Total Admissions	Includes the number of adult and pediatric admissions only (excluding births). This number includes all patients admitted during the a 12-month reporting period, including neonatal and swing admissions.
Organization Statistics		Total Annual Operating Expense	Represents the sum of total labor cost, professional fees-admin physicians and other contractors, consulting and legal fees, contracted non-salary costs, supply expense, repair and maintenance expense, lease and rent, utility expense, insurance, depreciation, interest and all other operating expenses.
Organization Statistics		Total Annual Operating Revenue	This does not include non-operating revenue, it is also equal to the name of Net Patient Revenue + Other Revenues; a common name for this used in Annual Reports is "Total Unrestricted Revenue and Other Support".
Organization Statistics		Total Discharges	The total number of patients discharged from the hospital in a year.
IS Department Statistics		Total IT Operating Expense as a percent of Total Operating Expense	A ratio used to determine the amount of expense attributed to the IT operations to support the total hospital/healthcare organization operation.
Organization Statistics		Total Number of Ambulatory & Outpatient Visits per Year	The total number of patients seen on an outpatient basis including clinic activity and any hospital outpatient services during the health care system's last fiscal year. ER and home health visits are excluded.
Organization Statistics		Total Patient Days	Refers to each calendar day of care provided to a hospital inpatient under the terms of the patient's health plan, excluding the day of discharge. "Patient days" is a measure of institutional use and is usually stated as the accumulated total number of inpatients (excluding newborns) each day for a given reporting period, tallied at a specified time (like midnight) per 1,000 use rate, or patient days/1,000. Patient days are calculated by multiplying admissions by average length of stay (ALOS).
Organization Statistics		Total Payroll Expense	Expense for a 12-month period, this includes all salaries and wage expenses.
Organization Statistics		Total Surgical Operations	This is the total for both inpatient and outpatient surgical operations performed at all owned, leased and managed facilities.
Service Provider	Outsourcers	Transcription	Outsourcers that provide all of the transcription services for hospitals. These transcription services may be for the entire hospital or only selected patient care services (e.g. cardiology, ED, etc.).

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Facility Information	Facility Description	Transitional Care	Provides medical assistance and counseling services to individuals on a transitional basis; services can include transitional care for individuals recovering from alcohol and drug dependency, teens in crisis, and individuals suffering from mental illness.
Networking	Connectivity	Transmission Control Protocol/Internet Protocol (TCP/IP)	A set of communication protocols encompassing media access, packet transport, session communications, file transfer, electronic mail, and terminal emulation. It's supported by a large number of hardware and software vendors and is the basis for Internet transactions.
Facility Information		Trauma Level	A trauma center is a hospital equipped to provide comprehensive emergency medical services to patients suffering traumatic injuries. The Level I facility is a regional resource trauma center that is a tertiary care facility central to the trauma care system. The Level II trauma center is a hospital that is also expected to provide initial definitive trauma care, regardless of the severity of injury. Depending on geographic location, patient volume, personnel, and resources, however, the Level II trauma center may not be able to provide the same comprehensive care as a Level I trauma center. Level III trauma centers can provide prompt assessment, resuscitation, emergency operations, and stabilization and also arrange for possible transfer to a facility that can provide definitive trauma care. General surgeons are required in a Level III facility.
Hardware	Server	Virtual Server	An application that provides a method of partitioning a physical server computer into multiple servers that each has the appearance and capabilities of running on its own dedicated machine. Each virtual server can run its own full-fledged operating system, and each server can be independently rebooted.
Software Application	Information Sharing	Virtualization Software	Storage virtualization refers to the process of separating (through abstraction) logical storage from physical storage. The term is today used to describe this separation at any layer in the storage software and hardware stack.
Technology		Voice Over Internet Protocol (VoIP)	Voice over Internet Protocol (VoIP), is a technology that allows you to make telephone calls using a broadband Internet connection instead of a regular (or analog) phone line. Some services using VoIP may only allow you to call other people using the same service, but others may allow you to call anyone who has a telephone number - including local, long distance, mobile, and international numbers. Also, while some services only work over your computer or a special VoIP phone, other services allow you to use a traditional phone through an adaptor.
Service Provider	Consultants	Web Development	Consulting services based on providing web design and development as required by hospitals to meet their business and market needs.
Service Provider	Outsourcers	Web Development	Software used to develop Web sites. Although often synonymous with "Web authoring software," it implies a more programming-oriented set of tools for linking pages to databases and for manipulating other software components. It generally includes an HTML editor.
Networking	Wireless	WEP (Wired Equivalent Privacy)	A security protocol, specified in the IEEE Wireless Fidelity (Wi-Fi) standard, 802.11b, that is designed to provide a wireless local area network (WLAN) with a level of security and privacy comparable to what is usually expected of a wired LAN.
Networking	Connectivity	Wide Area Network (WAN)	A collection of long-distance telecommunication links and networks used to connect local area networks and end stations across regional, national, or international distances.
Networking	Wireless	WLAN (Wireless Local Area Network)	A communication system that transmits and receives data using modulated electromagnetic waves, implemented as an extension to or as an alternative for a hard-wired LAN. WLANs are typically found within a small client node-dense locale (e.g. a campus or office building), or anywhere a traditional network cannot be deployed for logistical reasons.

CATEGORY	SUBCATEGORY	TERM	HA DEFINITION
Hardware	Mobile Device	Workstation on Wheels (WOW)	Carts with computers mounted on them (typically laptops or other computer systems mounted on them, that connect to networks in a wireless manner and are wheeled so they can be moved easily from room to room on an inpatient floor. Some may include lockable drug trays where patient meds are stored until administered to patient
Service Provider	Consultants	Workstation/PC Support	Technical service support that is provided to maintain the most current versions of workstation or PC hardware and software to function at maximum performance as well as providing trouble shooting services when users experience problems with these devices.
Service Provider	Outsourcers	Workstation/PC Support	Technical service support that is provided to maintain the most current versions of workstation or PC hardware and software to function at maximum performance as well as providing trouble shooting services when users experience problems with these devices.
Networking	Wireless	WPA (Wi-Fi Protected Access)	The latest security standard for users of computers equipped with Wi-Fi wireless connection. It is an improvement on and is expected to replace the original Wi-Fi security standard, Wired Equivalent Privacy (WEP). WPA provides more sophisticated data encryption than WEP and also provides user authentication.
Technology	Bar Coding		A code consisting of a group of printed and variously patterned bars and spaces and sometimes numerals that are designed to be scanned and read into computer memory as identification for the object it labels.
Technology	RFID		A technology that uses communication via radio waves to exchange data between a reader and an electronic tag attached to an object, for the purpose of identification and tracking.