



THAT'S LIFE BY MIKE TWOHY





Healthlink, an IBM Division Overview

Focus

Dedicated healthcare practice focused on Clinical & Business Optimization

100% REFERENCEABILITY

Experience

Extensive industry and vendor knowledge with large scale/ multi-entity implementation experience

Track-record

First in KLAS for clinical implementations

300+ Clinicians

Nation's largest consulting team of MDs, RNs and RPHs, and ability to leverage thousands of cross industry resources

Expert Staff

60% of consultants with more than **16** years of relevant healthcare business, clinical, and IT operational experience

End to End Solution

Deep clinical and business, process and IT knowledge coupled with proven methodologies, tools and innovation



Implementation Projects



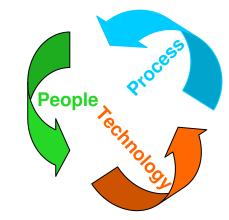


Benefits depend on the organisation's propensity to change

There are 4 ways to realise the value from an IT investment

- Purchase an integrated system with rich functionality
- Ensure the software allows for flexibility of design





- 3. Implement best practice processes
- 4. Persuade people to change



80-90% of major change projects fail to achieve their human and technical objectives on time and within budget

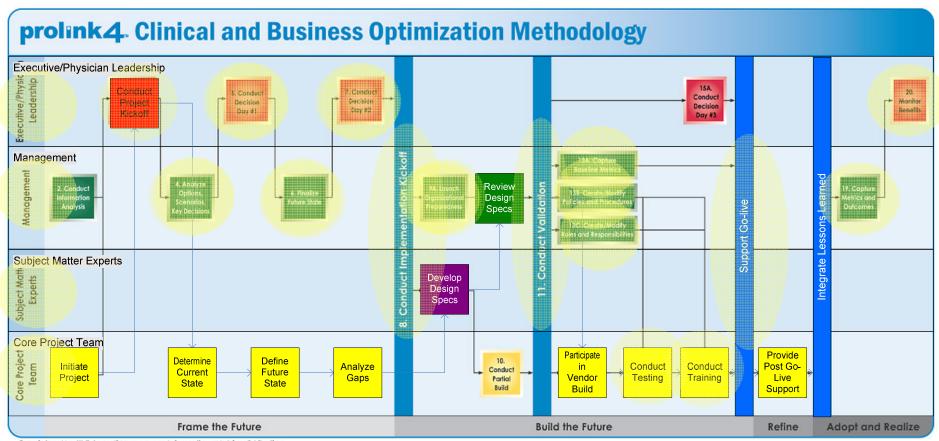
90% of project failures are due to neglecting the human factors of the project

\$1 of IT capital should add \$10 of additional value. But firms must adopt computers as part of a "cluster" of mutually reinforcing organisational changes. Otherwise the investment can create significant productivity losses as **any benefits of computerisation are more than outweighed by negative interactions with existing organisational practices**.

Brynjolfsson Erik, Lorin Hitt: Beyond computation: Information Technology, Organisational Transformation and Business Performance.



A Clinical & Business Optimization Methodology

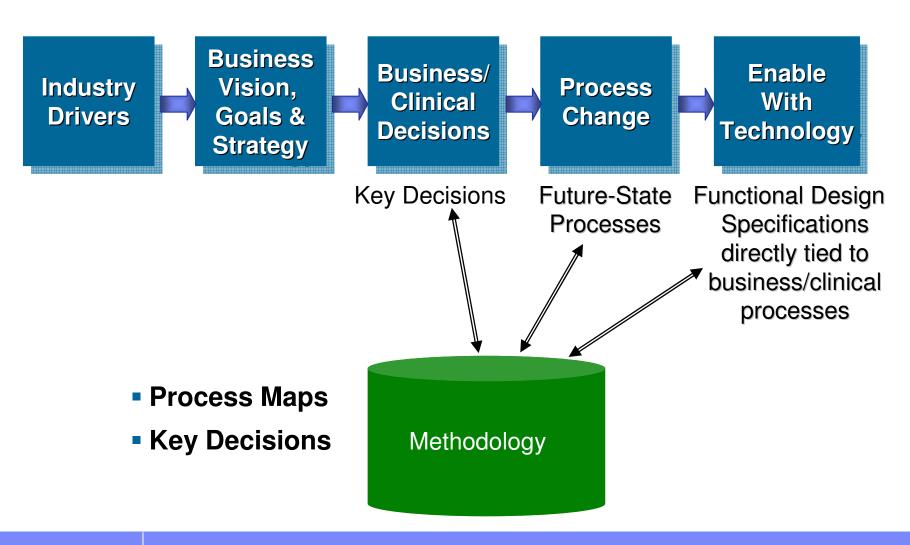


Proprietary Healthlink, an IBM company Information. Not for distribution.

lopedides with a program angine of the project management the correction benefits/ROL approach to the project to ensure the implementation focuses on quantifiable goals



Alignment of Drivers, Mission and Process





Prolink4™ Knowledge Tools and Content

Management Tools

- e4IS (project and program management)
- WebQM (quality management)

Process Tools

- Promap4™
 - 3000+ vendor specific workflow maps
 - 3,500+ vendor-specific design decisions
 - 3,500+ process templates and client specific process maps, subprocess and workflows
- Benefits Knowledge Base
 - 1,000 + citations
 - 200 standard metrics
- Best practice content

Equipped for Success

System Tools

- Design matrix
- Test plans, scripts, and testing tool
- Training guides
- Go-live checklist



Suggested Project Governance

Other Stakeholders Legal HIM

HR

Education/Training

Finance

Medical Affairs

P&T Quality Pt. Safety

Executive Steering Team

Project Steering Team

- Project Director
- Project Managers
- Nursing Leadership
- Physician Leadership
- Department Leadership
- IT Infrastructure Leadership
- Epic Implementation Manager

Physician Advisory Council

Clinical Content Work Group

Project Work Teams

Ambulatory

- Project Manager
- Application Coordinators
- Subject Matter Experts

Radiology

- Project Manager
- Application Coordinators
- Subject Matter Experts

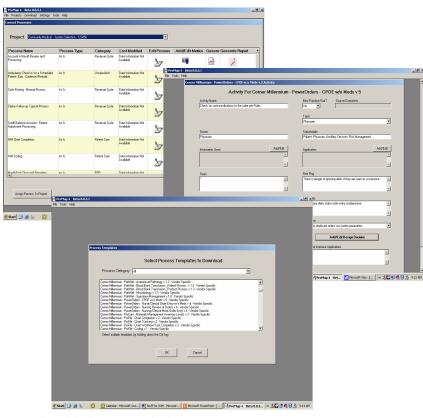
EMPI/ Scheduling, Registration

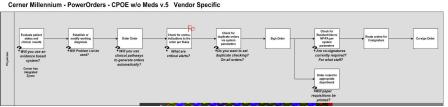
- Project Manager
- Application Coordinators
- Subject Matter Experts



Process mapping knowledge tool

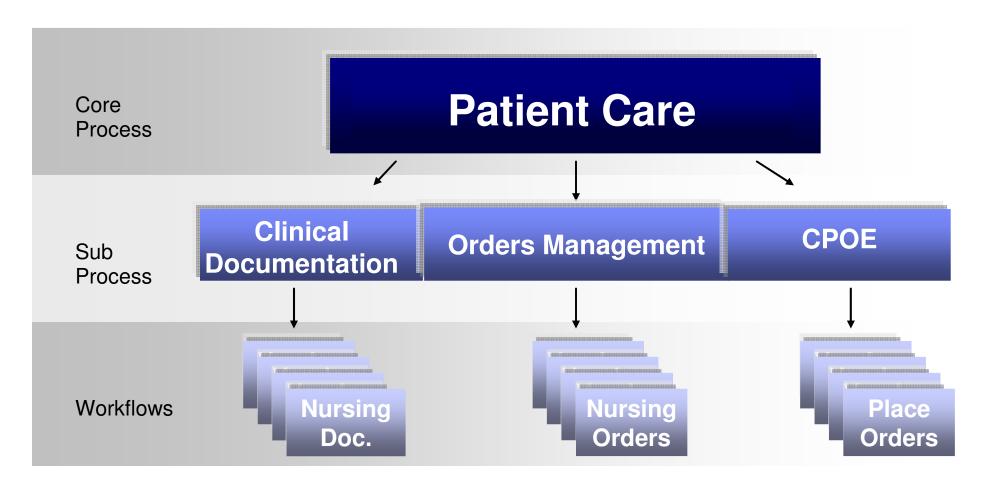
- Process mapping tool
- Database of business processes and vendor specific workflows
- Defines and supports industry best practices
- Vendor-specific decisions,
 optimal process maps and
 metrics to accelerate change management
 efforts
- Components
 - 8 core processes
 - 184 sub-processes
 - 4700+ workflows representing major vendors





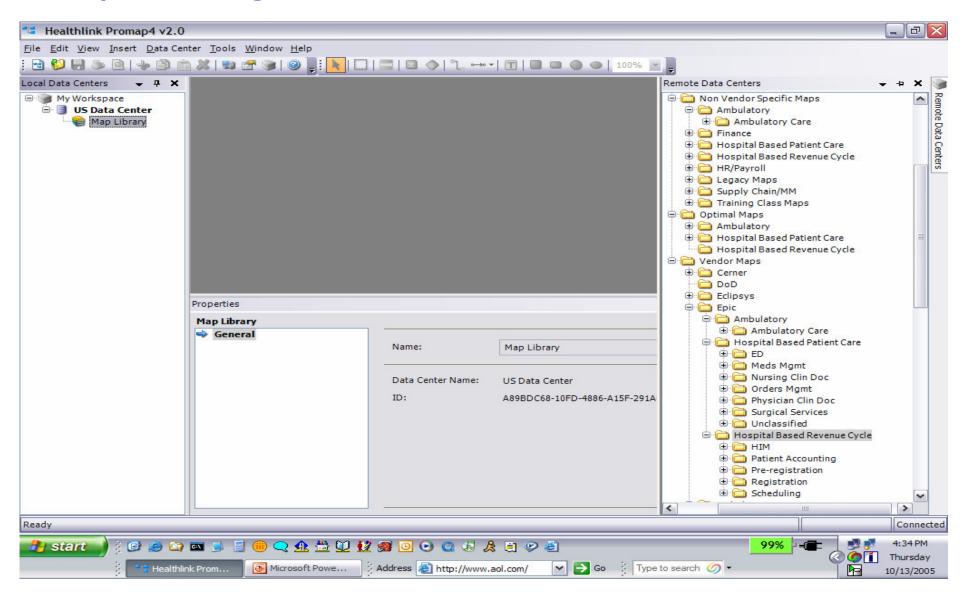


Example of Process and Workflow



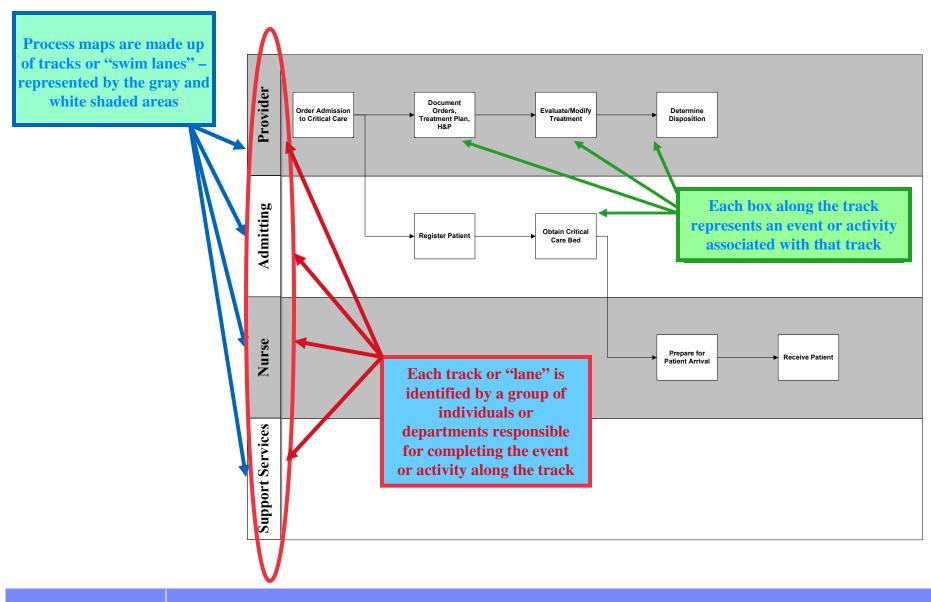


Promap4 Knowledge Base



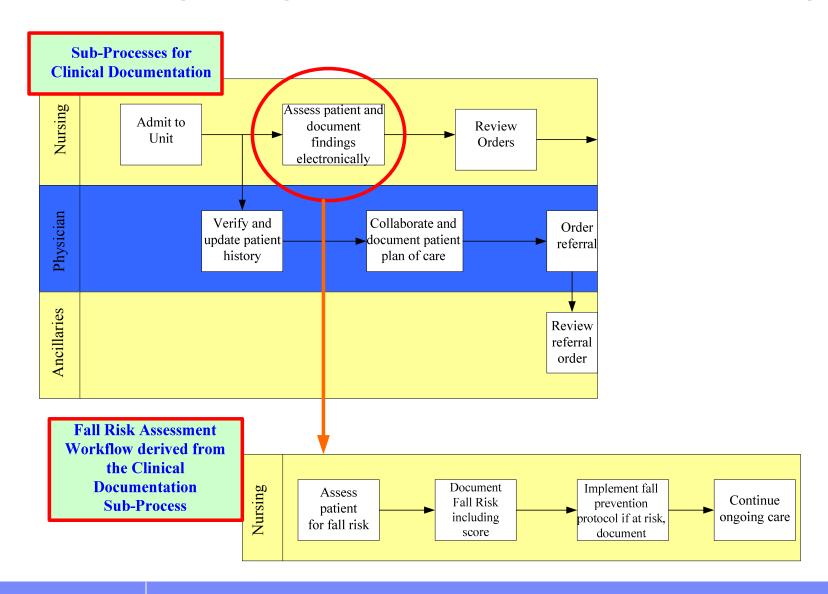


Anatomy of a Process Map



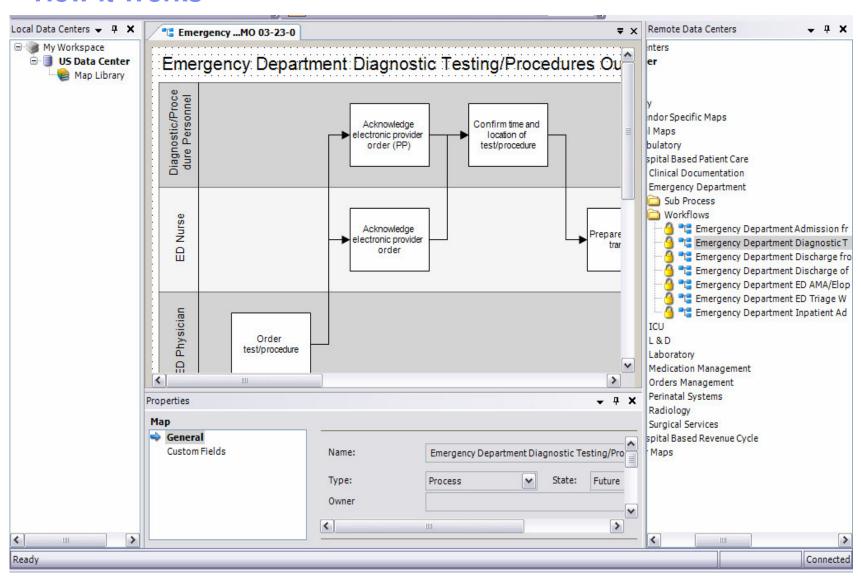


Workflow maps roll up to Successful Practice Sub Process map



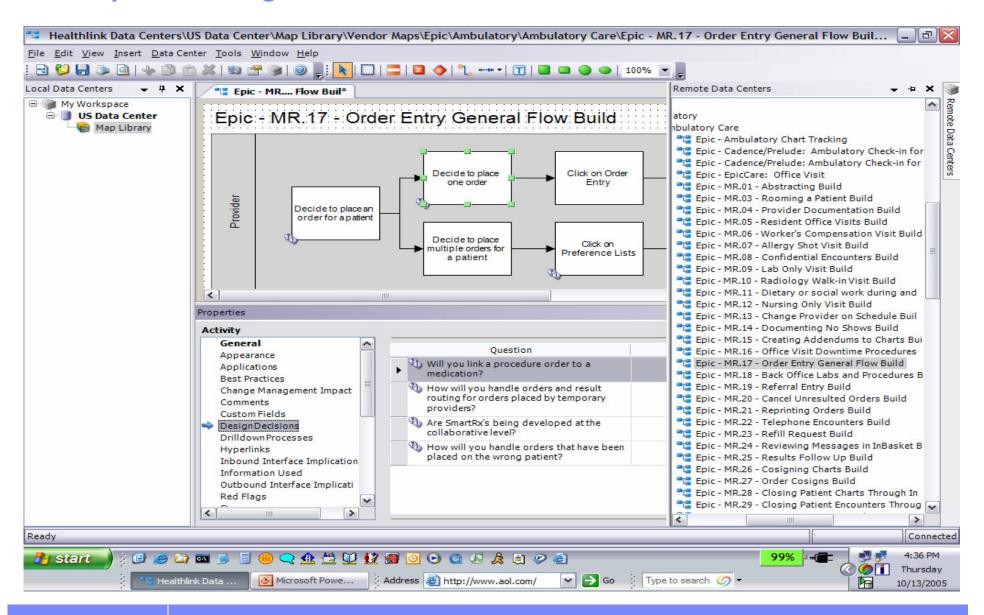


How it Works





Promap4 Knowledge Base





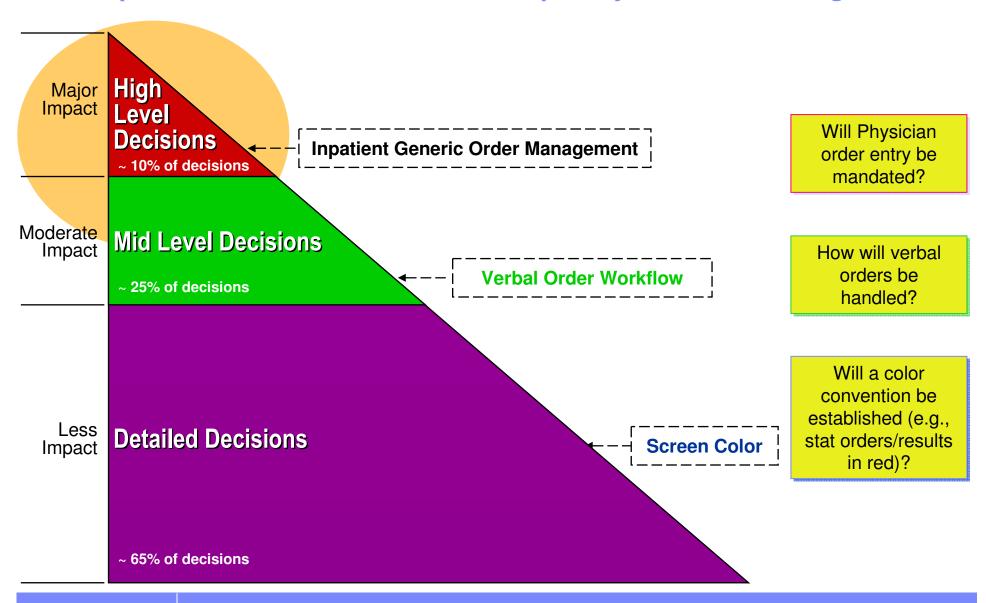
Orders Management Best Practice Key Business Decisions (Example is subset)

Practice

- 1. Will Computerized Provider Order Entry (CPOE) be implemented?
- 2. Will the hospital use a phased approach to EMR/CPOE implementation or will all functionalities be implemented at the same time?
- 3. Will implementation for all departments/units occur simultaneously or in a phased approach?
- 4. Will it be mandated that all physicians use CPOE?
- 5. Will the electronic record be the primary chart (i.e. is your goal to move toward paperless?)
- 6. Will it be allowed to print user documents like worklists? (I.e. will the organization mandate use of on line worklists?)
- 7. Will physicians have remote access for CPOE from off-site locations such as their homes and offices for reviewing results and ordering?
- 8. Will you have a fully redundant technical environment?
- 9. Will CPOE be well integrated with other components of the EMR? (I.e. clinical documentation, medications management, results, chart review, PACs, etc.)
- 10. Will allergies be discrete data (i.e. not free text) and required?
- 11. Will all diagnoses and problem lists be required and coded fields?
- 12. Will you automate alert notifications to providers by pager or cell phone etc. when appropriate?
- 13. Will the EMR/CPOE system interface with ADT so that there will be a unique patient identifier across the clinical enterprise?
- 14. Will the system identify clinic, ED, IP, etc visits clearly so that a physician can easily select the appropriate encounter?
- 15. Will the EMR/CPOE system interface with the current billing application?



The Importance Of Multi-Level Interdisciplinary Decision Making





Example: How the methodology facilitates rapid decision making

Mary Smith, 69 years old, is scheduled for an elective outpatient procedure at the hospital where she previously received treatment. Her physician had previously completed the procedure orders.

Mary brings a copy of her pre-procedure lab work with her and *the document is scanned*.





The methodology facilitates the right person making the right decision at the right time

Mary brings a copy of her pre-procedure lab work with her and *the document is scanned.*

Will non-system results be scanned into Clinical System?





Benefits

- Clinical information is available at point of care
- Clinical information is available through remote access
- Enhances continuity of care

nation is • Multiple document types impacted

 Scanning solution must serve broader audience than clinicians

workflow - centralized, point of

Need to determine scanning

 Scanned results will not trigger order/results rules

Cost

- Equipment/infrastructure scanning devices installation and policy/ procedure development
- Training for clinicians, providers, and non-clinicians

Cultural Change

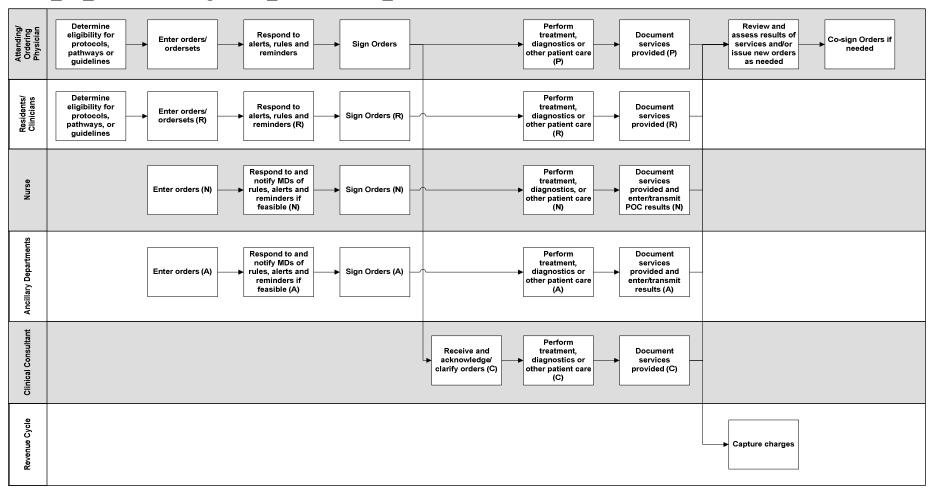
Implications

 Change in workflow and access to clinical information



Orders Management Best Practice Sub Process Map (Example)

To_Be_ Orders Management_Sub Process_02-21-05 To Be





Example: Orders Management - CPOE Best Practice

The process begins with the provider initiating an order/order set and ends with charge/utilization capture. This process includes the following:

Orders Management Sub Process Orders Management Workflows:

- General Order Entry Orders
- Cancel/Discontinue Orders
- Co-Sign Orders
- Nursing Orders
- Point of Care Orders
- Referral/Consult Orders
- Telephone Orders
- Verbal Orders



Orders Management Best Practice Key Performance Metric Indicators

CPOE Utilization

- Percent utilization overall
- Percent physicians utilizing CPOE

Cost Reductions

- Percent reduction in duplicate orders
- Cost savings from prevention of duplicate orders
- Reduction in overall hospital costs and length of stay

Reduction in Verbal Orders

Percent decrease in verbal orders

Physician/Nursing Satisfaction

Percent increase in physician/nursing satisfaction

Improved preventative care/disease management based on reminders/alerts

Percent of patients on protocols, pathways and guidelines

Orders Changed Based on Rules/Alerts/Reminders

Percent of orders changed based on rules/alerts/reminders



Methodology Approach





Templates and Examples

Standard Metrics Sorted by Patient Care Process

Metrics Standardization									Associated Applications				
ID.	Proposed Category ▼	Proposed Name	Proposed BKB Definitions	Proposed BKB Calculation	Rad ▼	HIM	MM.	PC.	CD.	Oπ	CPOF ▼	eMA₽	
Lock Down	Care Guidelines	Preventative Care / Disease Management Improvement Rate Based on Reminders / Alerts	Percent of patients on protocols, pathways and guidelines.					PC		ОМ			
189	Care Guidelines	System Alerts Established	The total number of documentation alerts used by an organization.	The sum of the documentation alerts used by an organization	Rad			PC	CD				
190	Charge Capture	Charge Capture Quality Compliance Ratio	The percent of charges not captured at time of service as identified through a charge audit.	(The amount of charges not captured / the total amount of captured charges) x 100	Rad	нім		PC					
Lock Down	Charge Capture	Documentation Charge Capture Rate	Percent of charge capture related to documentation. A fiscal benefit.					PC	CD				
192 & LD	Charge Capture	Lost Charges Rate	The percent of charges that are missed or lost and are not billed.	(Total lost charges / total charges) x 100	Rad		ММ	PC		ОМ		eMAR	
176 & LD	Clinical Orders	Duplicate Orders Rate	The percent of duplicate clinical orders presented to a department.	(Number of duplicate orders / Total clinical orders) x 100	Rad		ММ	PC		ОМ			
177 & LD	Clinical Orders	Order Changes	The percent of changes made to orders by the ordering physician before the order was finalized due to system notifications and/or alerts.	(Number of changed orders / total orders) x 100	Rad		ММ	PC		ОМ			
179	Clinical Orders	Unnecessary Orders Cost Savings	Cost savings identified from orders not performed due to system alerts and/or duplicate order notification.	(Total department cost / total orders received = average cost of order) x number of unnecessary orders	Rad		ММ	PC					
98	Cost of Service	Cost Per Patient Day	Average inpatient cost including labor, supplies and medication per patient day.	(Labor cost + supply cost + medication cost for inpatients) / total patient days				PC					
97	Cost of Service	Nursing Cost Per Patient Day	Average daily inpatient nursing labor cost to provide patient care.	Total Inpatient Nursing Labor Cost / total Patient Days				PC					



Case Study: University of Pennsylvania Health System

Project Type: Optimization of EpicCare Ambulatory application in the OB/GYN Department of UPHS and throughout the organization

Goal

UPHS is a large academic medical center with 8 hospitals, 4000 beds, 12,000 users and started their EpicCare implementation approximately 4 years ago.
 During that time, the application has been deployed in only 25% of the clinics. Healthlink was asked to evaluate how UPHS could better utilize Epic in their current departments and how they could roll Epic out to the rest of the organization.

Solution

- Evaluated the Gynecology departments utilization of Epic looking at the use of the application itself, the support and involvement of the IS department and most importantly at the clinical work flows.
 - Created a governance structure that involved and empowered the physicians
 - Redesigned clinical work flows to leverage the system and improve care delivery
 - Made application changes to take advantage of Epic

Outcome

- UPHS is changing their governance structure, decision making process and support approach to enable their departments to leverage the Epic applications and improve the physicians' practice.
 - New governance structure involves physicians at all levels
 - Fixes made to the application to enhance the workflow of the physicians
 - New responsibilities of the clinical staff improve the overall process of care delivery



Case Study: The American Hospital Dubai

Project Type: System Selection

Goal

The American Hospital Dubai desired to develop a long term information technology (IT) strategy. Define requirements and select a complete Hospital Information System (HIS) for inpatient and outpatient clinical, patient administration, revenue cycle, laboratory, diagnostic imaging (RIS & PACS), finance, materials management, ER, Pharmacy

Solution

Phase 1

Develop a long term IT strategy for AHD, showing the capital expenditures required for 3-5 year term for IT initiatives.

Phase 2

Prepare the RFQ for a complete IT system

Phase 3

Assist in vendor evaluation and selection

Outcome

 The American Hospital Dubai is currently in the contracting phase of the vendor selection process



Case Study: South East Essex England

Project Type: Development of new integrated care pathways for stroke and heart failure patients in the South East Essex local health community

Goal

The South East Essex local heath community consists of 8 Acute Trust, 70 GP clinics, an Ambulance Trust, and 2 Primary Care Trusts. They asked Healthlink to help them redesign their care delivery process for patients across the healthcare continuum and prepare for the national implementation of the iSoft applications.

Solution

- Created new integrated care pathways for stroke and heart failure patients:
 - Created a new decision making process that can be used by the community going forward
 - Designed new multidisciplinary teams to deliver care
 - Leveraged existing technology and expanded it's use to new users
 - Created an implementation plan, impact analysis and communication plan for all new changes

Outcome

- PAC members now prepared to make informed decisions about how care delivery will occur in their new environment:
 - There is now a mechanism to realize improved patient outcomes including reduced mortality rates and reduced length of stays
 - There are specific people responsible and accountable for realizing individual metrics
 - The community can realize a revenue of 1.4 million pounds sterling with the implementation of all changes



Potential for Adverse Drug Event reductions using CPOE

Montefiore Medical Center Bronx, New York is the most advanced and successful implementer of CPOE in the USA.

CPOE go live March, 1999.

100% CPOE for all 1100 acute care beds ALL medication, diagnostic, laboratory, and care orders.

100% compliance: no verbal or paper orders.

Over a 75% proven reduction in potential ADEs.

Use of expert rules for formulary management and cost savings.

Bonus payments Empire BC/BS of \$400K

Malpractice premiums?

Decrease Length of Stay by 2.2 days? (cause and effect)







IBM is playing an instrumental role in shaping the <u>German eHealth</u> project

bIT4Health

Dominant Consulting Project with Ministry for the overall Architecture & Solution Design

Industry Partners

- IBM (Leading Advisor)
- SAP
- Orga
- Fraunhofer
- Intercomponentware

Major Tasks

- Planning and development of frame architecture
- Reaching acceptance of all involved parties
- Quality security and risk minimisation
- Scientific monitoring of test phases

Business Development

Marketing

Public relations

Lobbying

Prototype Development

Customer events

Industry partnerships

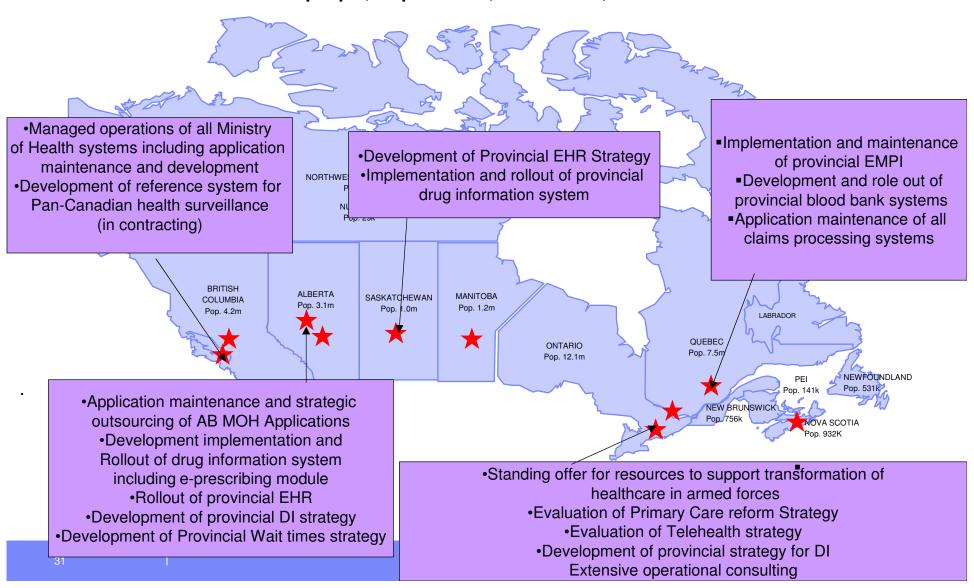
Industry trade fairs





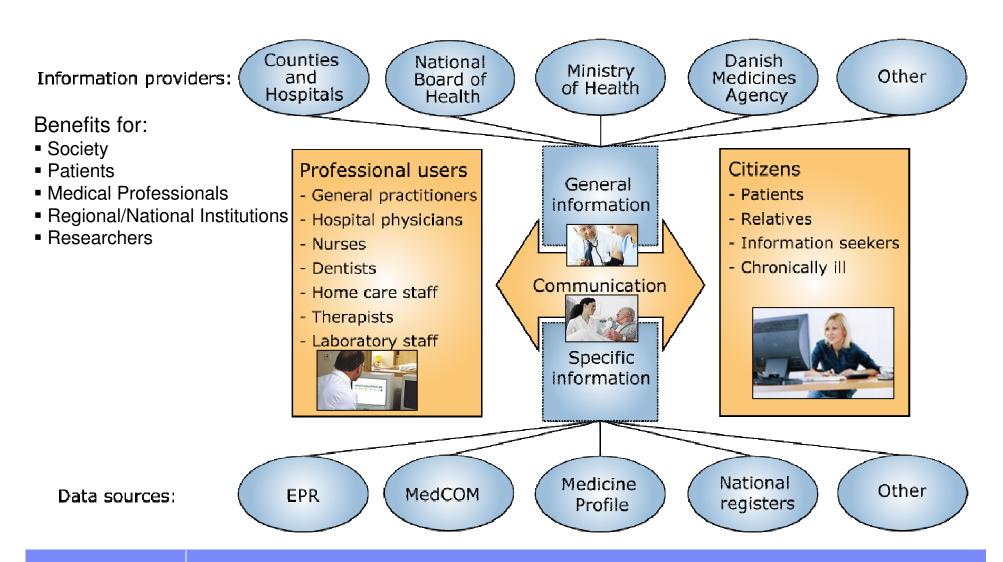
<u>Canadian HealthCare</u> - IBM Serving The Government Marketplace - examples

31.56M people, 10 provinces, 3 territories, 6 time zones





Danish eHealth Portal





"The best way to predict the future is to create it."

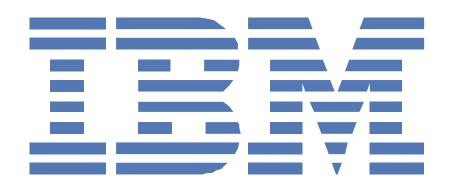
- Peter F. Drucker



Technology is just a tool...















Additional Decision Day Example: Clinical Documentation

Again, the Decision Is Tied to DBV

Will nation thistory be verified at each encounter?

Additional Decision Day Example: Clinical Documentation

Clinical Documentation

Using the EHR, the nurse asks key questions pertinent to this visit and verifies previous information. Mary and her family are relieved and feel that they are 'known' by the hospital staff, a major factor in patient satisfaction.

The nurse reviews Mary's history in the electronic health record (EHR) and verifies her medical history (hypertension, diabetes, leg ulcer, smoker) and her on-line medication profile (enalapril, glyBURIDE and an estrogen/progesterone combination). The nurse confirms Mary has no latex allergy.

Mary's mother suffered a fatal cerebi accident (CVA) at age 66. The nurse history.

The nurse *reviews* Marv's history in the electronic health record (EHR) and verifies her medical history... Mary's mother suffered a fatal cerebrovascular accident (CVA) at age 66. The nurse updates Mary's family history.

Will patient history be verified at each encounter?



health

Benefits

- Information will remain current and changes can be recognized promptly

Implications

None identified

Patient safety

Cultural Change

Cost

· None identified

nd allows rofile to be profile d to the

> licy of nformation

Maximizing IT Value

will patient history be verified at each encounter?									
Summary of DD1 Discussion	Recommendation	Risks	DBV and Workflow Impacts						
Guiding Principle/Directive: Standardize documentation data elements, methods, and processes across all THR facilities Standardize patient profile data elements beginning at the point of entry (e.g., data should flow from initial capture throughout the encounter) Considerations Maintenance of current information Patient safety	Yes for three reasons: JCAHO Standard PC.2.120updates to the patient's condition since the assessments are recorded at the time of admission. JCAHO IM.6.10 The hospital has a complete and accurate medical record for every patient assessed or treated. JCAHO standard MM.1.10 Patient-specific information is readily accessible to those involved in the medication management system (note elements of performance in this standard)	Staff needs to be trained to include patient history verification in each encounter.	Volume 2, Section 11, Chapter 1, Inpatient Initial Assessments Activity ECInp 110 Inpatient Admission ECInp 330 Initial Assessments Activity Flow						
			- link						

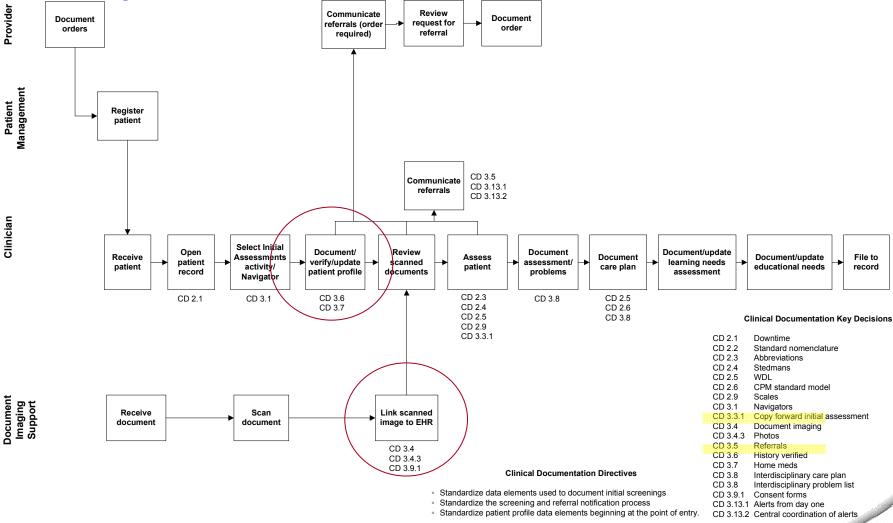


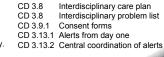
and Workflows

Business Consulting Services



Future State Process Map with Document Scanning and Patient History Verification









Advanced Assessment Questionnaire

CLINIC/AREA NAME

SAMPLE -- EPIC DEPARTMENT PROFILE CHECKLIST

Introduction

The following questions will provide necessary information for the team to complete a risk assessment for the implementation of *Cadence and* the ambulatory Electronic Medical Record (EMR), EpicCare in your clinic. By answering the questions and providing the requested data listed below the team *will be able to better* identify and mitigate risks to *result in a successful* implementation of the EMR in your clinic.

The questions are grouped by topic: Demographic, Workflow, Billing & Coding and Scheduling. When appropriate, please attach any documentation that will help clarify *your answers to the* questions. *Please also provide* copies of clinic encounter forms, billing forms, patient correspondence, etc.

If you have not already filled out the Department User Contact Spreadsheet at this time, please fill out and return with the Epic Department Pr Workflow

Demographics

	Question
1.	Where is the physical location of the Department (i.e., building, floor, ronumbers). Are there any plans to relocate or renovate in the next twelve months?
2.	What are the hours of operation?

Used by the "SWAT" team to determine organizational readiness of each facility.

	Question	Yes/No	Answer/Comment
1.	What Transcription Dictation System is currently used?		
	NOTE: Transolutions is the only dictation system interfaced to EpicCare.		
	Are physicians planning to continue to dictate or document in EpicCare? I	☐ Yes ☐ No	If yes, please specify:
	Do you currently use any macros for transcription that should be converted to Epic Smart tools?	☐ Yes ☐ No	If yes, please specify:









Clinic Workbook Table of Contents

WORKBOOK INDEX

- Project Plan and Scope
 - A. Group Project Plan
 - B. EpicCare Project Scope
 - C. 20,000 Ft view of the implementation
- II. Clinic Pre-go live preparation and requirements
 - A. Pre go live prep
 - 1. Metric collection
 - 2. Risk Assessment Review
 - B. Clinic Requirements
 - C. Clinic roles and responsibilities
 - 1. Clinic roles/responsibilities
 - 2. Security CAR forms
 - D. Service Level Agreement (SLA)
- III. Scope of Practice documents
- IV. EpicCare Project Team information
 - A. Team contact list
 - B. Team roles and responsibilities
- V. Workflows
 - A. Abstraction Workflow and Form

- B. Clinic Workflows (Internal Medicine West)
- C. Procedure Workflows (Urology)
- D. Lab Workflows
- E. Radiology Workflows (pre-Radiant go-live)
- F. InBasket Workflows
- G. Scanning Workflows
- VI. Profiles
 - A. Reports
 - B. Encounter Configuration
- VII. Infrastructure/Hardware
 - A. Budget Worksheet
 - B. Walkthrough Process
 - C. PC Deployment Checklist
 - D. Equipment needed/supplies
- VIII. Charge Process
 - A. Review of coding and billing with Charge Team
 - B. Charge Process tasks and responsibilities
- IX. Order Transmittal
 - A. Floor plan
 - B. "Where do things print?"
- X. Smarttools/Forms/Letters
 - A. Smartphrases
 - B. Smartsets

- C. Forms
- D. Letters
- E. Pt. Communications
- XI. Security
 - A. Roles
 - B. Templates
 - C. Security classes
 - Shared
 - 2. EpicCare
 - InBasket
 - D. Break the Glass (BTG)
- XII. End of Day Processes and Report Server (RAS)
- XIII. Downtime Process
- XIV. Training
 - A. Overview
 - B. Agendas
- XV. EpicCare Quick Tips
 - A. Navigation Tips
 - B. Reprint Orders
 - C. Change password
 - D. Transcription
- XVI. EpicCare Frequently Asked Questions (FAQs)
- XVII.Reporting Process

- A. Workflow
- B. Report request forms
- XVIII. Transcription
- XIX. Go-Live
 - A. Checklist
 - B. Issues Form
 - C. Issues Tracking Access to Portal
 - D. Support Calendar Example
- XX. Change Management



Challenges

- Enterprise-wide communication
 - Comprehension
 - Buy-in
- Standardization
 - Collaborative process
 - Appropriate staffing, from executives to SME's
- Scope definition and effect
 - Organization
 - System
- Clinical content
 - Interdisciplinary
 - Effect on medical practice
 - Ambulatory/Inpatient



Enterprise-Wide Activities

Project Initiation

Complete preimplementation planning

Confirm application sequencing

Determine deployment sequencing

Finalize cost projections finalization

Analyze current state

Initiate communication plan

Solidify physician integration plan

Develop staffing plan

Process Standardization & Metrics Definition

- Identify best practice
- Define scope of practice
- Conduct future state process modeling
- Perform gap analysis and identification of key decisions
- Develop optimal story with associated metrics
- Establish project guardrails for DBV sessions
- Organize for DBV's

Design/Build/Validate & Organizational Preparedness

- Conduct DBV's
- Analyze and develop interfaces
- Design Security management
- Begin clinical content analysis
- Launch organizational preparedness
- Establish metrics plan
- Validate infrastructure
- Verify rollout plan
- Confirm conversion activities
- Consider abstraction options

Enterprise Wide-Training Plan

Establish training methodology

Determine training development and delivery resources

Create base curriculum incorporating future state roles and responsibilities and policies and procedures



Recurring Deployment Activities

Operational and Infrastructure Assessment

- Review future state with stakeholders
- Perform business process analysis
- Conduct readiness and risk assessment
- Assess infrastructure needs
- Begin current state metrics capture

Gap Analysis and Risk Management

- Provide documentation of process changes
- Build to Department -specific requirements

Test and Train

- Validate infrastructure and software
- Test with future state scenarios
- Train around future state processes
- Perform conversions
- Abstract patient data
- Load users and security

Implementation Go-live and Support

Conduct go/no-go meeting

Establish command center for go-live support

Validate system performance

Perform go-live support

Capture post go-live metrics



Objectives

- To understand what is meant by clinical computing and clinical transformation
- To understand the major activities that encompass clinical transformation
- To recognize at least four (4) tools used in clinical transformation



Operational Definitions

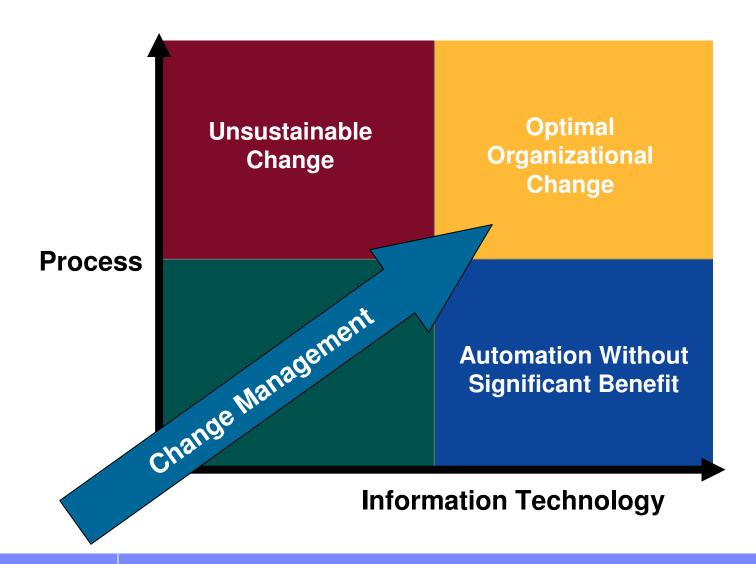
- Clinical Computing
 - ls...
 - An integrated application and process strategy that ultimately automates the entire clinical process
 - A strategy built around a core solution that may include
 - Patient Administrative
 - Core Clinical (orders/results, clinical documentation, medication management)
 - Clinical Ancillaries (Lab, Radiology, Pharmacy)
 - Clinical Specialties such as OR, ED, ICU, OB/GYN
 - Is Not...
 - A single vendor solution
 - Computerized Provider/Physician Order Entry (CPOE)

Clinical Transformation

- A significant, substantial change in form, nature, and function of how work is carried out and enabled by information technology, in the delivery and support of clinical care.



Implementation Approaches





Change Management

Healthlink's change management program consists of 6 initiatives to determine and manage the "people" dimension of change:

<u>Change readiness</u> assessment determines:

- Types of risks to be encountered
- Extent of change to perform job duties
- Strategies to manage resistance

Job design determines:

- Roles, responsibilities, and jobs that will change
- Required vs. current skills
- Performance measurements

Change leadership

determines:

- Leadership roles
- Leadership skills and abilities
- Plan for leadership actions

Organizational Change

Organization design

determines:

- Governance
- Processes and components to be redesign
- Risk and value of the new design

<u>Transition management</u> framework determines:

- What to communicate when by whom
- How management and staff will provide support and leadership
- How change initiatives align with strategic goals

Training requirements

determine:

- User learning preferences
- Training program and plan



Conduct Current State Analysis

- Conduct Informational analysis
 - Interview key stakeholders and leadership across the hospital
 - Observation of care delivery
 - Document current state
 - High-level process maps using Visio
 - Opportunities for improvement
 - Best practices being performed



Leadership Involvement

Executive Kickoff Meeting

- Project governance structure
- Charter approved
- Review current state findings

Readiness Assessment Summary

Category	Readiness
Culture	0
Care Delivery	4
Coworker Technology Experiences	abla
IT Training and Support	
Medical and Surgical Physicians	

Legend



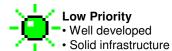
High Priority

- Marginal development
- Lack of existing infrastructure
- High level of effort



Medium Priority

- Partially developed
- Some infrastructure
- Mid-level of effort



Continue efforts



Framing the Future

	A	В	С	E	F	G	Н		J	K	L	M	N	0	Р	
	Step 1						Step 2					Step 3	Step 4	Step 5		
Re	fer	Functional	Category		Entered	Area of Opportunity	Business Requirement	Red Flag/	Clinical	Best Practice & Source	Other Standards /	Key Decision	Decision	Optimal Story	Areas of	Vision
eı	nce	Area			Ву		(Recommendation)	Gold Star	Objective		References &		Level	Slide Owner	Impact or	
ı	lo							Number			Source				Overlap	
EX	B01 AM LE	Laboratory			Sheryl LaBauve							Will the starting set of reference ranges be standardized for non-numeric				Establishe Allows lab population
SC	H06	Scheduling	R	Pending vendor selectio n	Steinkam p	being tracked at most facilities	2) Implement process to track and follow-up all NO SHOW appointments					laboratory procedures only? Tactical (Mid -Level)				available.



Framing the Future

Analyze Options, Scenarios, Key Decisions

- Identify areas of opportunity
- Identify best practices observed during current state
- Conduct best practice research
- Identify design principles
- Finalize future state recommendations





Framing the Future

Will allergy information be required prior to order placement?





Benefits:

Improve patient safety

Implications:

 Process for entry, update and verification

Cost:

Negligible

Cultural Change:

 Additional allergy information required



Change Management

- Change management team will:
 - Introduce change:
 - Develop hospital specific communication plan
 - Communicate key decisions made and major process changes
 - Review how success will be measured (metrics)
 - Assess readiness:
 - Assess staff, physical facility readiness including network, furniture, hardware, remodeling, etc.
 - Risk assessment
 - Mitigation plan
 - Executive action plan



Change Management

- Change management team will:
 - Distribute information on...
 - How the world will change
 - Processes, Policies, Procedures, Roles, Job Descriptions
 - Capturing baseline metrics
 - Training plans and expectations
 - Activation strategy
 - Prepare for change
 - Begin preparation of detailed go-live plan
 - Begin communication and training on downtime procedures
 - Conduct informational meetings with departments, physicians and administration
 - Order, install and test network and equipment