

Welcome to today's Webcast...

The webcast will begin momentarily....

Embrace the new world of healthcare

Problem Mapping Tool 101

Tips and Tricks of PMT

Empowering Extraordinary Patient Care

Today's Presenters

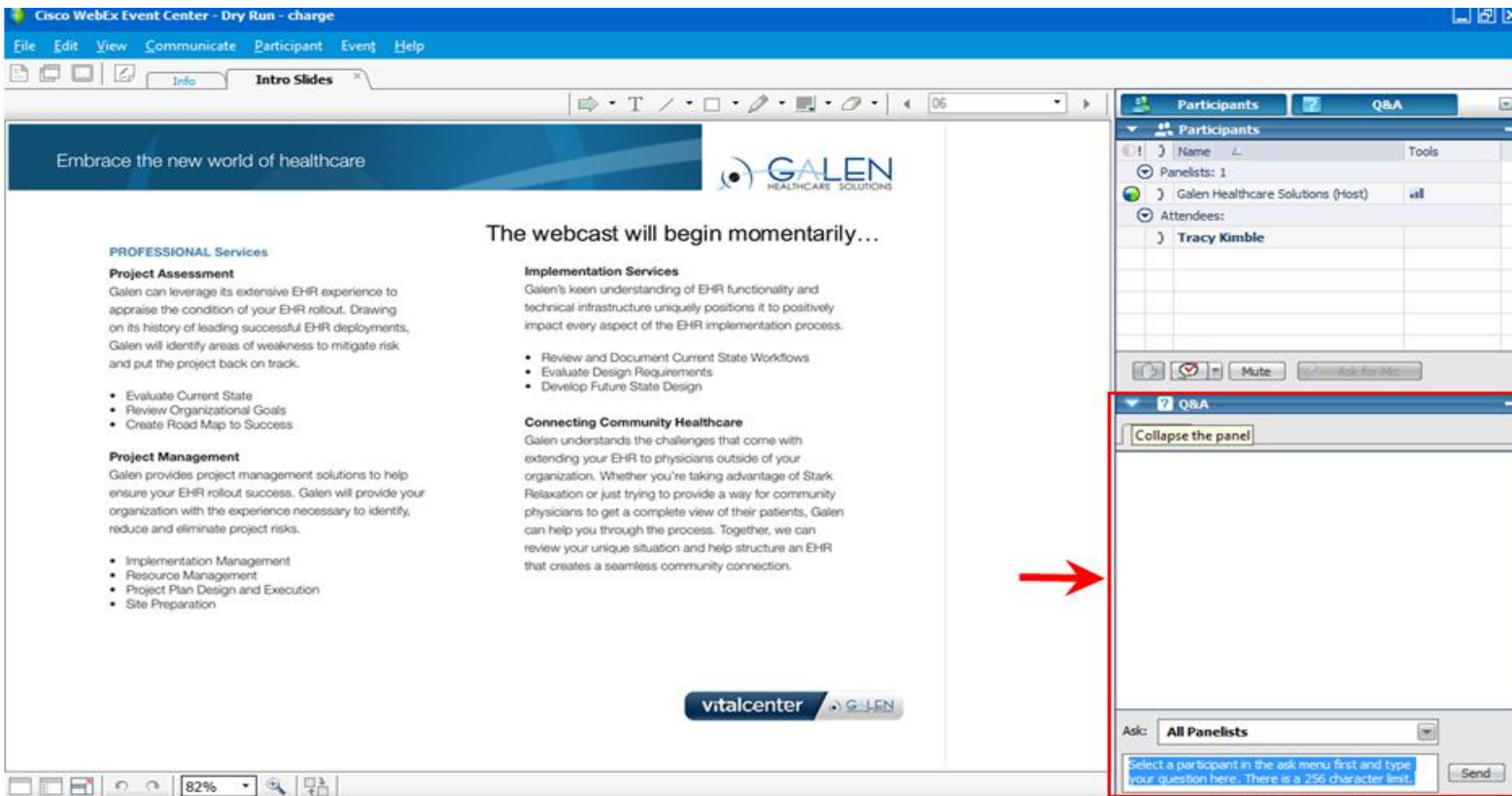
Rita Owens, RN
VP of Clinical Solutions

Galen Certified - Enterprise EEHR Application Specialist
Galen Certified - Advanced Note Specialist | Order/Results Specialist

Becky Matias
Consultant

Galen Certified - Enterprise EEHR Application Specialist
Galen Certified - Advanced Note Specialist

Your phone has been automatically muted. Please use the Q&A panel to ask questions during the presentation.



The screenshot shows a Cisco WebEx Event Center window titled "Cisco WebEx Event Center - Dry Run - charge". The main content area displays a presentation slide with the following text:

Embrace the new world of healthcare

GALEN
HEALTHCARE SOLUTIONS

The webcast will begin momentarily...

PROFESSIONAL Services

Project Assessment
Galen can leverage its extensive EHR experience to appraise the condition of your EHR rollout. Drawing on its history of leading successful EHR deployments, Galen will identify areas of weakness to mitigate risk and put the project back on track.

- Evaluate Current State
- Review Organizational Goals
- Create Road Map to Success

Project Management
Galen provides project management solutions to help ensure your EHR rollout success. Galen will provide your organization with the experience necessary to identify, reduce and eliminate project risks.

- Implementation Management
- Resource Management
- Project Plan Design and Execution
- Site Preparation

Implementation Services
Galen's keen understanding of EHR functionality and technical infrastructure uniquely positions it to positively impact every aspect of the EHR implementation process.

- Review and Document Current State Workflows
- Evaluate Design Requirements
- Develop Future State Design

Connecting Community Healthcare
Galen understands the challenges that come with extending your EHR to physicians outside of your organization. Whether you're taking advantage of Stark Relaxation or just trying to provide a way for community physicians to get a complete view of their patients, Galen can help you through the process. Together, we can review your unique situation and help structure an EHR that creates a seamless community connection.

vitalcenter | GALEN

The right side of the window shows the "Participants" and "Q&A" panels. The "Q&A" panel is highlighted with a red box and contains the following text:

Collapse the panel

Ask: All Panelists

Select a participant in the ask menu first and type your question here. There is a 256 character limit.

Send

A red arrow points from the "Q&A" panel towards the main presentation content.

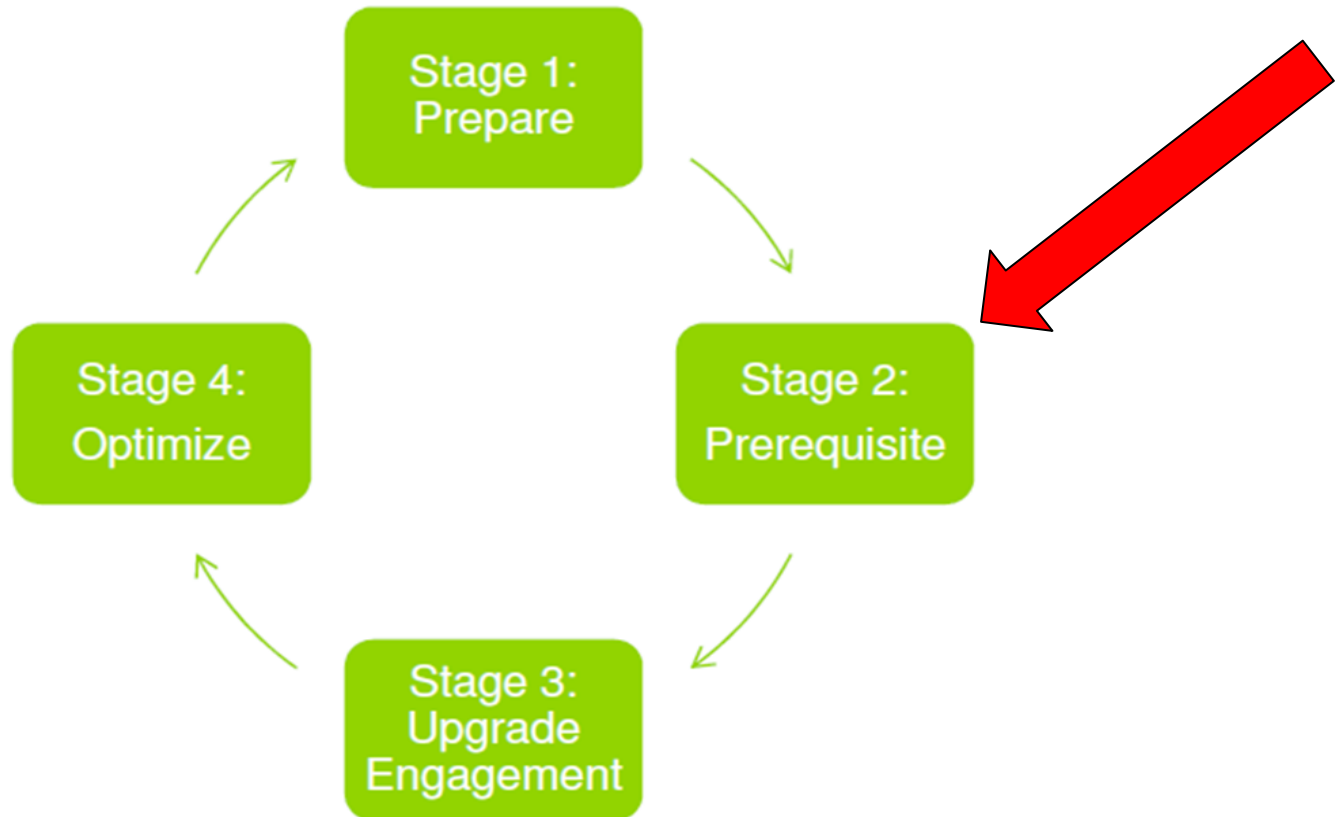
Objectives

- **Overview of PMT**
- **IMO vs Medcin**
- **Installing PMT**
- **Components and Mapping Percentage Requirements**
- **Manual Workflow Demonstration**
- **Lessons from the Field and Strategy Considerations**

Who needs the Problem Mapping Tool?

*...everyone who is
Upgrading
to 11.4 or 11.4.1!*

New S2V Upgrade Stages



Client Lifecycle

Stage 2: Prerequisite

Contains critical path deliverables the client must complete before a Live Upgrade date / slot will be confirmed

- Update Clinical Content Database
- System Certification Process (combines SES & ICP reviews)
- Customization Review
- Hardware & Technical Finalization
- Product Release Training

• Problem Mapping Tool

- System Backup



IMO – Interface Terminology

a product of IMO – Intelligent Medical Objects

- **Contains over 260,000 Terms and Concepts that are mapped to over 18,000 ICD-9 CM Codes and over 93,000 ICD-10 CM Codes**
- **IMO Problem Interface Terminology contains the expressions that clinicians want to use for documenting encounter diagnoses, problem lists, and history terms**
- **Consumer-friendly terms designed to be used in personal health record systems**
- **IMO terms include AHIMA certified mappings to both ICD9 and ICD10**

Just a few of the vendors...



Interface Terminology	V10-11.3	V11.4
Problems: Active, Past, Family, and Social	Medcin	IMO
HPI Problem Note Form- Problem Linkage	Medcin	IMO
CareGuide- Problem Linkage	Medcin	IMO
Charge Groups, Subgroups, Exploding Sets, Patient Past Diagnosis	ICD9 Dictionary	IMO
Problems: Surgical History	Medcin	Medcin
Problems: Exam Finding (Subset of Active)	Medin	Medcin
V 11 Note: Symptoms/Chief Complaint	Medcin	Medcin
V11 Note Form Findings/Controls	Medin	Medcin

...regardless of the new CMS ICD10 mandates

Clients would still need to use the PMT prior to upgrading to Enterprise 11.4

We are mapping Medcin term descriptions to IMO term descriptions!!

We are converting from one interface terminology to another!

Prior to Installing the PMT

- **Update Medcin**

Clinical Content Requirement Matrix				
Content Type	V11.2.2 and below	11.2.3	11.3	11.4
Medcin	Q4 2011 but no higher	Q4 2011 or higher	Q4 2011 or higher	Q4 2011 or higher

- **Install latest NoteForm Release**
- **Install latest CareGuide Release**
- **Xferonly database**

PMT is installed in 2 places



Production
Database
Server



On the Workstation –
where the actual
mapping will be
performed

AHS delivers 2 Mapping Files

1. Problem Mapping Data File –

approx. 5000 Medcin to IMO default problem mappings

2. Diagnosis Map File –

default set of ICD9 Diagnosis to IMO Problem Mappings

Lets log into PMT to look at Admin page

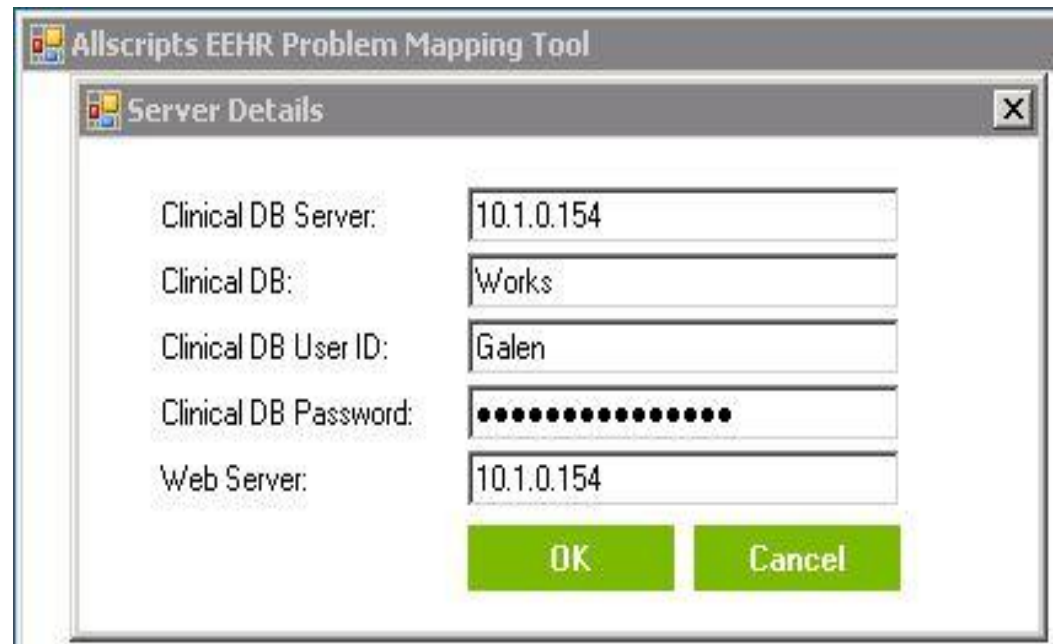
Problem Mapping Tool

EEHR Login ID:

EEHR Password:

Login

Server Info



The screenshot shows a dialog box titled "Allscripts EEHR Problem Mapping Tool" with a sub-dialog titled "Server Details". The sub-dialog contains the following fields and values:

Clinical DB Server:	10.1.0.154
Clinical DB:	Works
Clinical DB User ID:	Galen
Clinical DB Password:	••••••••••••••••
Web Server:	10.1.0.154

At the bottom of the dialog are two buttons: "OK" and "Cancel".

3 Levels of Mapping must be completed

**1. Patient Problem List
(Instance) Data**

2. Build Problem

3. Build Diagnosis

1. Patient Problem List (Instance)

- Active Problem
- Past Medical History
- Family History
- Social History

2. Build Problem

- Specialty Favorites
- User Favorites
- Careguides
- HPI Problem Note Forms
- Flowsheets

3. Build Diagnosis

- Group Master Favorites
- Subgroup
- User Favorites
- Exploding Sets
- Patient Past Diagnosis

Upgrade Methodology Team



Problem Mapping Tool: Mapping Complete Checklist

1. Patient Problem List Instance Data

2. Build Problem refers to these 5 build categories

Mapping Categories	Mapping Recommendations	Client % Approved	Comments
Patient Problem List (Instance) Data	80%		
Problems Linked to Careguides	90%		*See exceptions listed below
Problems Linked to Flowsheets	100%		
Problems Linked to Noteforms	90%		*See exceptions listed below
Problems Linked to Specialty (Master) Favorites	75%		*See exceptions listed below
Problems Linked to User (Personal) Favorites	75%		*See exceptions listed below



Problem Mapping Tool: Mapping Complete Checklist

3. Build Diagnosis

Categories	Mapping Recommendations	Client % Approved	Comments
ICD-9's Linked to Diagnosis Group (Master) Favorites	90%		*See exceptions listed below
ICD-9's Linked to User (Personal) Favorites	90%		*See exceptions listed below
ICD-9's Linked to Exploding Sets	100%		
ICD-9's Linked to Patient Past Diagnoses	75%		*See exceptions listed below
ICD-9's Linked to Sub-Groups	90%		*See exceptions listed below

Client Mapping Report Card

Mapping Categories	Allscripts Mapping % Recommendations	Mapped/Approved to date	Comments
Patient Problem List (Instance) Date	80	96%	Existing Active Problems on individual patient charts
Problems Linked to Careguides	90	100%	
Problems Linked to Flowsheets	100	N/A	Not using Flowsheets
Problems Linked to Noteforms	90	N/A	Not using Noteforms
Problems Linked to Specialty	75	58%	
Problems Linked to User Favorites	75	65%	

Percentage Analysis Example

Number of Problems to map	Total	Approved
Total Problems Linked to User (Personal) Favorites	2,524,801	1,650,795 (65%)
Active Problem	1,659,400	1,011,859 (61%)
Family History Problem	148,706	107,008 (72%)
Past Medical History Problem	581,981	436,184 (75%)
Social History Problem	134,714	95,664 (71%)

User Favorites	Total	Approved
Active Problem		
those with a frequency of > 200 user list	1455	1364(93%)

PMH	Total	Approved
those with a frequency of > 200 user list	765	686 (89%)

FMH	Total	Approved
those with a frequency of > 200 user list	210	182 (86%)

SH	Total	Approved
those with a frequency of > 200 user list	117	86 (73%)

A few more things to think about...

- **Keywords**
- **Quick Set aka Qset**
- **NoteForms: HPI Problem and Assessment**
- **CareGuides**
- **Charge Encounter Forms**

Problem Mapping Tool Documentation on Client Connect

- Installation Instructions
- FAQ Sheet
- Introduction
- Functional User Guide
- Complete Checklist

- **Allscripts Upgrade Resource Center**
 - <https://clientconnect.allscripts.com/groups/eehrurc>

Q&A

❖ Question Review

- Submit further questions to education@galenhealthcare.com
- Visit <http://galenhealthcare.com/calendar/> for future webcasts

Galen Booth # 310



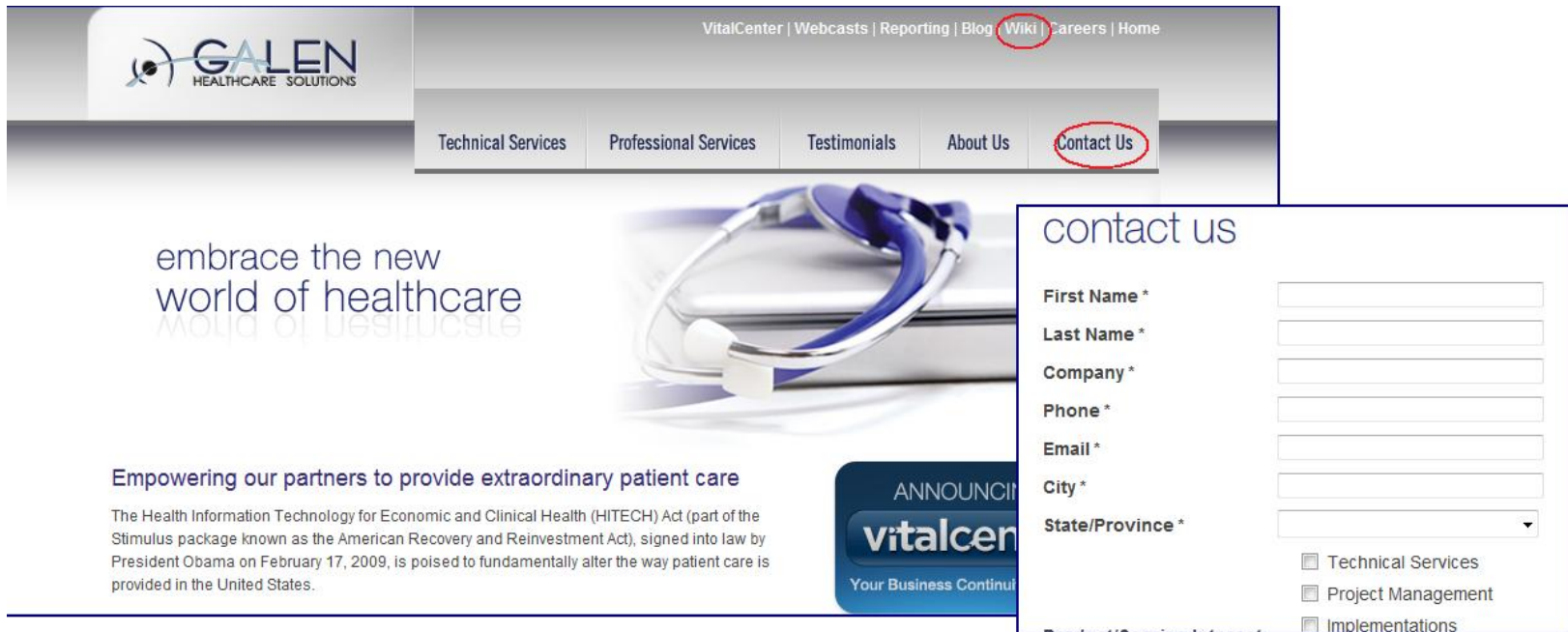
The Allscripts Client Experience (ACE)
August 21 – 23, 2013 | Chicago, IL



The "ace13" logo is rendered in white on a green background. The word "ace" is in a lowercase, sans-serif font, and the number "13" is enclosed within a white circle.

Thank you for joining us today, for additional assistance....

You can contact us through our website at www.galenhealthcare.com



The screenshot shows the GALEN Healthcare Solutions website. The top navigation bar includes links for VitalCenter, Webcasts, Reporting, Blog, Wiki, Careers, and Home. A secondary navigation bar contains links for Technical Services, Professional Services, Testimonials, About Us, and Contact Us. The main content area features a stethoscope graphic and the slogan "embrace the new world of healthcare". A text block below discusses the HITECH Act. A "contact us" form is overlaid on the right side, containing fields for First Name, Last Name, Company, Phone, Email, City, and State/Province, along with checkboxes for Technical Services, Project Management, and Implementations.

VitalCenter | Webcasts | Reporting | Blog | Wiki | Careers | Home

Technical Services | Professional Services | Testimonials | About Us | Contact Us

embrace the new world of healthcare

Empowering our partners to provide extraordinary patient care

The Health Information Technology for Economic and Clinical Health (HITECH) Act (part of the Stimulus package known as the American Recovery and Reinvestment Act), signed into law by President Obama on February 17, 2009, is poised to fundamentally alter the way patient care is provided in the United States.

ANNOUNCING
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Your Business Continuity

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Technical Services
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 Implementations