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POSSIBILITY

OPTIMIZING YOUR DATA MIGRATION WITH AN ASSESSMENT

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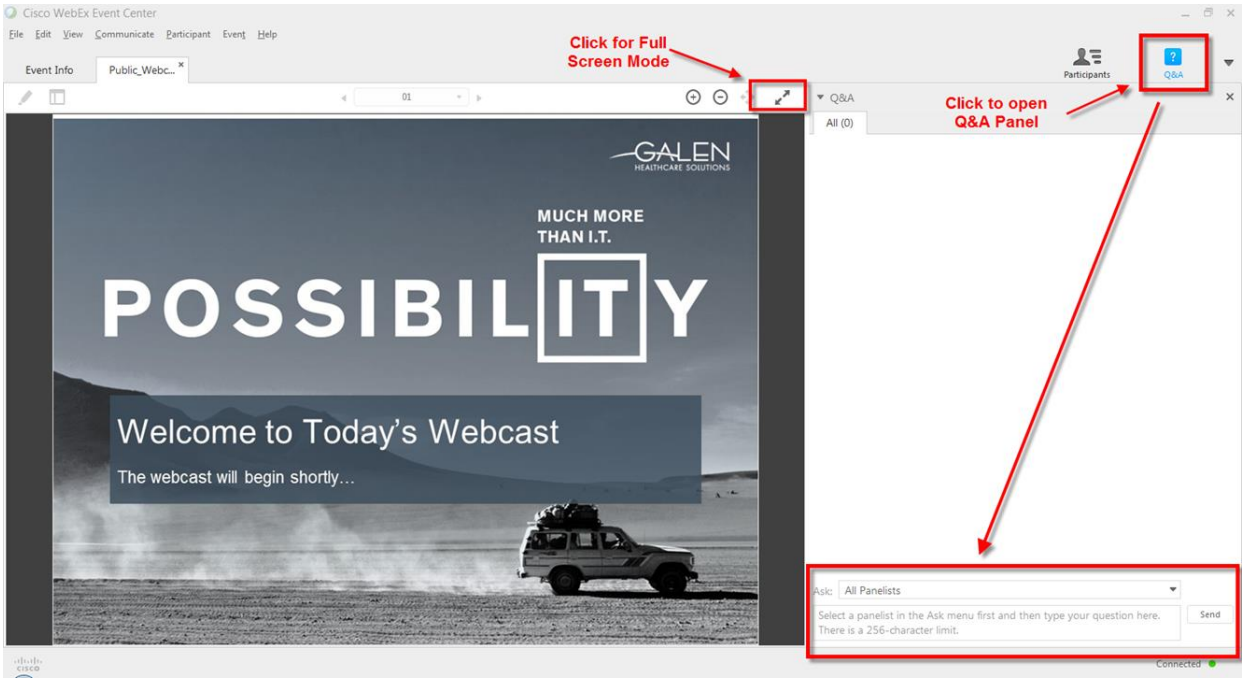

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Webcast Materials

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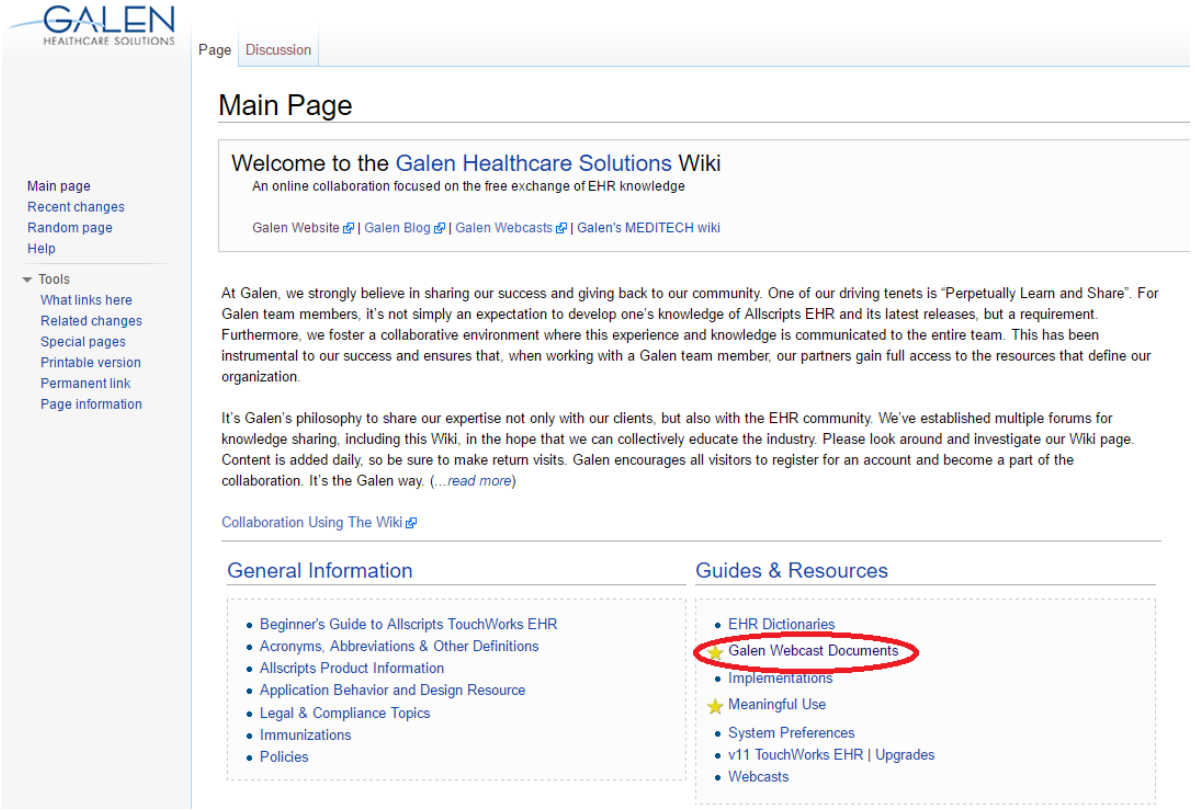

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Galen Team

Tyler Suacci – Lead Technical Consultant

- Over 12 Years HIT Experience
  - Migrations, Integrations, Reporting
- Epic 2015 Bridges Certified
- Migration Planning and Strategy
- Integration Architect
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Kavon Kaboli – Consultant

- Over 7 Years Healthcare Experience
  - Master of Public Health, Data Migrations, Academic Research
- Data Migration Project Manager
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AGENDA

- Background
  - Typical Migration Project
  - Assessment Project Overview
- What is a Migration Assessment?
  - Process
  - Finding and recommendations
- Why perform an Assessment?
  - Benefits
- Q&A

Clinical Data Migration

- Typical Clinical Data Migration Project
  - Galen's experiences
    - Legacy Systems
    - Target Systems
  - Project scoping
  - Data assessment process
    - Performed by client prior to migration
    - Performed during migration project = Risky!

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Migration Assessment Project Details

- Legacy Systems:
  - MEDITECH 6.0 Inpatient
  - MEDIECTH LSS Ambulatory
  - GE Centricity EMR Ambulatory
- Target System: Epic
- All legacy systems migrating together
- No prior data migration experience
- Abbreviated timeline
- Legacy systems on-premises

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Galen Migration Assessment Approach

- Understand Goals of Migration:
  - Continuity of Patient Care
  - Client Specific Goals
    - Big Bang vs Rolling Go-lives
- Unique two-pronged approach
  - Technical Services
  - Professional Services
  - Collaborative

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Galen Assessment – Tech Services

- Raw Data Analysis
- Assess Data Completeness
  - Identify Gaps
- Identify Codifications Used
  - Free-text?
- Review Storage Formats
- Fine Tune Data Extracts
- Summarize Data Mappings

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Galen Assessment – Prof. Services

- Discovery Questionnaires
- Review Existing Documentation
- Review Legacy System Clinical Workflows
- Analyzing and providing recommendations regarding time frame (or time span) of data to be migrated

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Written Assessment

- Methodology overview
  - Patient-level vs. encounter-level data
  - Data types
  - Discrete vs. non-discrete
- Patient population
- Limitations
- Findings
- Target system considerations and preparation
- Legacy system considerations and preparation

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Data Compatibility

- Options for data migration (HL7, CCD, etc.)
  - Extract and Transform
- Existing codifications (RxNorm, SNOMED, CVX, etc.)
- Workflows with target EHR
  - Seamless

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Refine Scope

- Assess volume of data by year
- Patient-level data vs. Encounter-level data
  - Which data types to include?
  - Which format is best?
- Pediatric patients vs. adults

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Recommendation Considerations

- Maximize Value vs. Reduce Cost
  - Identify most important data elements for Continuity of Patient Care
- Mitigate Risks
  - Data
  - Process
  - Project

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Recommendation Considerations

- Reduce Impacts to Workflows
- Minimize Manual Abstraction
- Maximize Usability of Migrated Data
- In-Patient considerations
  - Cutover Planning
  - Manual Abstraction

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Findings & Recommendations

- Immunizations not stored in compatible format
  - Limited data migrated
- Notes not stored in user-friendly format
  - Fix where possible and set expectations
- Medication instructions NOT stored discretely
  - Map most frequently used
- High percentage of coded data (problems and meds)
  - Confidently reduce mapping and abstraction effort for migration project
- Restrict types of vitals to those that are of highest value
  - Reduce mappings

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Benefits of Assessment

- Well-defined scope
- Improved quality of migration
- Maximize ROI
- Reduce potential for project delays or overages
- Shorter migration project timeline
- Reduced ramp-up time at project start
- Successful execution of client strategy

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Conclusion

- Make an assessment part of the project plans
- Refine scope
- Successful Data Migration!

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Q & A

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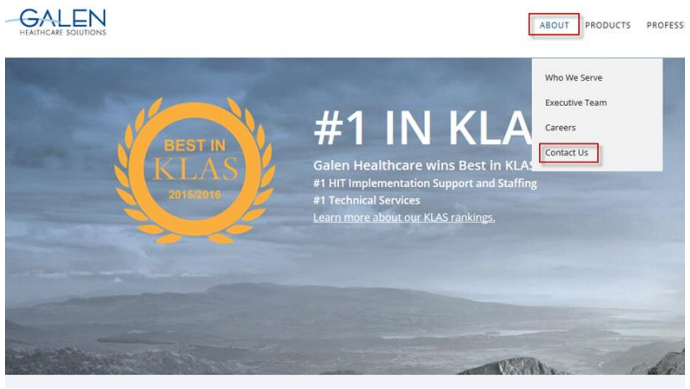

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