

CitiusTech: Supporting “Meaningful Use” Compliance for Healthcare ISVs

Background

The American Recovery and Reinvestment Act of 2009 (ARRA) and the HITECH Act are expected to make a significant impact on clinical systems adoption in the US marketplace – especially electronic health records (EHR). The ARRA and HITECH Act present a tremendous opportunity for healthcare providers to embrace new technology and get access to federal funding, and for healthcare ISVs to increase revenues and market share.

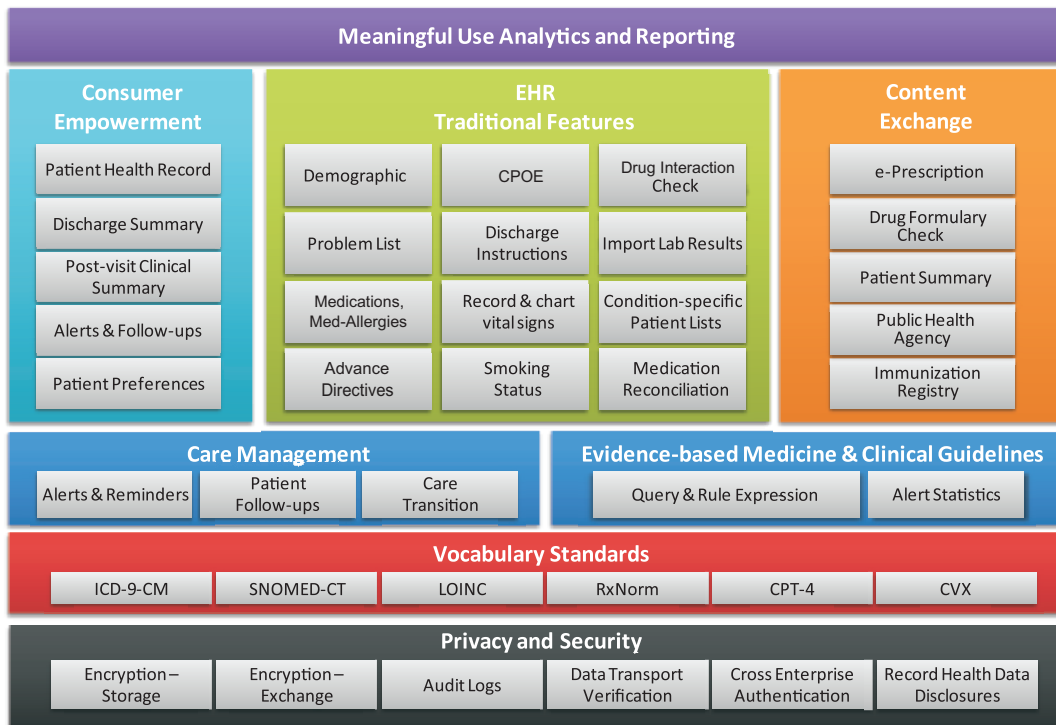
While most healthcare organizations recognize this opportunity, only a few have the engineering and professional services capabilities to support the aggressive time lines set as part of the HITECH Act.

CitiusTech’s Meaningful Use Practice offers a comprehensive program designed to help Healthcare ISVs comply with the “meaningful use” requirements and capture the emerging market opportunities.

Healthcare ISVs Challenges

Some of the challenges Healthcare ISVs face in meeting Stage 1 “meaningful use” requirements are:

- Extend applications to support workflows and integration with external entities e.g., e-prescription, lab, immunization registries etc.
- Support information exchange with patients and consumers e.g., CCR/CCD
- Track clinical measures and provide reporting and data submission on key metrics
- Enhance applications to provide CRM-type capabilities e.g., alerts, reminders
- Ability to exchange patient data between providers and facilities (i.e., HIE compatibility)



CitiusTech Meaningful Use Framework

CitiusTech Meaningful Use Practice

Based on CitiusTech team’s extensive experience of working with Healthcare ISVs, we have analyzed the impact of the “meaningful use” Final Rule (as released on 13th July 2010) – both from technology and business perspectives.

CitiusTech Meaningful Use framework provides a structured approach for CitiusTech’s consulting teams to help our clients in conducting gap analysis and developing a structured road-map for achieving “meaningful use” compliance.

Further, CitiusTech’s software engineering team works with

our clients to help them bridge the “meaningful use” compliance gaps. Some of the key areas where CitiusTech helps healthcare ISVs include:

- **Enhance EHR features**
 - Expertise in enhancing EHR capabilities (e.g., SOAP notes, charting)
 - Significant experience in e-prescription interface development (e.g. Dr.First, Surescripts)
 - Good knowledge in extending current EHR architectures to support workflow modifications, clinical decision support and medical reconciliation

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- **Enable Content Exchange**

- Significant experience in supporting interface/ interoperability needs such as PQRI XML Registry, CCR/CCD, Lab results, etc.
- Expertise in clinical & public health reporting requirements, immunization registries

- **Provide Meaningful Use Analytics & Reporting**

- CitiusTech’s BI-Clinical framework covers finance, operation, clinical and regulatory subject areas (over 600 measures) including pre-built “Meaningful Use” hospital and ambulatory measures
- BI-Clinical provides Clinical Decision Support capabilities at Point of Care - i.e. tracking clinical quality at patient / encounter level, generating real-time alerts and capturing relevant clinical concepts for accurate quality reporting
- Expertise across Microsoft, Oracle and Business Objects

- **Support Vocabulary & Standards**

- Strong expertise in terminology standards including ICD 9/10, UMLS, LOINC, SNOMED
- Significant experience in helping clinical applications support clinical terminologies - and extend existing clinical application architecture
- Experience in working with providers like 3M HIS, First Data Bank and UMLS

- **Establish Consumer Connectivity**

- Large consumer practice team – significant expertise in HealthVault and Google Health
- CitiusTech’s Exchange4Health framework can be utilized to support consumer empowerment use cases

Why CitiusTech?

CitiusTech provides significant value to Healthcare ISVs in meeting the “meaningful use” requirements:

- Excellent knowledge of “meaningful use” requirements
- Strong experience in working with Healthcare ISVs
- In-depth expertise in relevant healthcare technologies and standards
- Accelerated time to compliance – a key success factor in the healthcare industry
- Significant cost advantage – over 40% saving in engineering costs

Case studies of recent CitiusTech Meaningful Use initiatives

- **Ambulatory EMR/PMS:** Developed PQRI and Meaningful Use reporting and data submission module using CitiusTech’s BI-Clinical framework
- **Ambulatory EMR:** Designed and developed e-prescription interface embedded within EMR architecture for integration with Dr.First’s Rcopia e-Prescription software
- **Hospital EMR:** Created electronic submission application for child immunization and other immunization data from EMR to state registries
- **Hospital / Managed Care ISV:** Designed and developed comprehensive reporting architecture using Microsoft SharePoint & PerformancePoint for Meaningful Use compliance

For more details please visit <http://www.citiustech.com/meaningful-use>

CitiusTech's BI-Clinical framework integrates with ambulatory and hospital applications as an OEM/white-label component to support Meaningful Use certification requirements. BI-Clinical enables easy compliance with key NIST test procedures – including measure calculation, patient reminders, clinical decision support and submission of clinical quality measures.

Learn more: <http://citiustech.com/bi-clinical>

About CitiusTech

CitiusTech is a specialist provider of healthcare consulting and technology services to healthcare ISVs, healthcare providers, managed care organizations, and health plans. We have specialized technology practices and frameworks for healthcare software engineering, business intelligence, consumer health, care management, mobile health and “meaningful use” compliance.

CitiusTech teams bring strong healthcare domain expertise across technologies, applications and standards. Our ability to provide this expertise, together with our world-class service quality and our global resource base, enables us to offer a distinctive value proposition to our global healthcare clients.

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