Healthcare organizations deploying MEDITECH’s interface solutions continue to be well positioned to interoperate within the community. With our solutions, you can ensure continuity of patient care, easily access clinical decision support information, and attain Meaningful Use.

All MEDITECH interface solutions are certified to the 2014 Edition Standards & Certification Criteria. Capabilities include:

- Connecting entities via CommonWell Health Alliance and HL7 FHIR
- Sharing medical summaries (CCDs).
- Communicating with public health agencies.
- Participating in health information exchange networks.
- Positioning physician practices with electronic ordering and resulting systems.
- Reconciling medications across care settings and e-Prescribing.
- Electronically accessing clinical decision support and patient education materials.
- Supporting the “Blue Button Initiative.”

**CommonWell Health Alliance and HL7 FHIR**

The CommonWell Health Alliance was formed in 2013 to develop and deploy a vendor-neutral platform that enables scalable, secure, and reliable interoperability and nation-wide patient data exchange for improved quality and safety of patient care. MEDITECH customers can share medical summaries with a greater number of EMRs in their community. As a contributing member of CommonWell Health Alliance since April of 2015, MEDITECH has the unique opportunity to help steer the future direction of the Alliance, and our customers are in a prime position to take advantage of CommonWell services. The Alliance plays a substantial role in the continued development and utilization of API’s for data exchange. MEDITECH’s membership means a brighter interoperability future for our customers.

HL7’s standards framework, FHIR, which stands for Fast Healthcare Interoperability Resources, is the next-generation framework for interoperability using the latest web-based standards. As a collaborator since its inception, MEDITECH is committed to increasing your data exchange avenues.

**Continuity of Care Documents (CCDs)**

As the first vendor to successfully support a project utilizing Continuity of Care Documents (CCDs), many hospital and ambulatory care facilities have come to rely on our CCD interface suite to exchange care summaries at the point of care using industry-standard protocols from HL7, IHE, and ONC. CCD exchange (as part of the Consolidated Clinical Document Architecture - CCDA - specification) with other vendor EHRs, Record Locator Services, and Repositories is available with our 5.6, 6.0, and 6.1 solutions.

The success of our CCD Interface suite is rooted in the ability to bring information to the clinician without disrupting workflow. Automatic searches for medical summaries occur in the background as part of the admission process. As CCDs are collected from various locations in the community, clinicians are alerted to their presence in various care areas within our Emergency Department, Nursing, and Physician Care Manager solutions.

By providing flexible workflows, clinicians can view pertinent sections of the received information or the whole document in various formats, making it easy to quickly become familiar with a patient’s past history. Further, this interface suite also supports the clinical reconciliation of medications, allergies, and problems received as part of a transition of care electronic summary. Upon discharge, CCDs can be automatically forwarded to the patient’s next care venue.

**Medication Reconciliation and e-Prescribing**

The MEDITECH system reconciles patient medications each time a patient transitions between care settings. This integration with DrFirst’s e-Prescribing technology includes the ability to:

- Review a patient’s list of current medications upon arrival and add reported home medications.
- Query a patient’s medication claim history through integration with DrFirst and Surescripts.
- Convert home or emergency department medications to inpatient medications upon admission.
- Convert inpatient medications to ambulatory medications upon discharge and send to a preferred pharmacy.
**Direct Messaging**
MEDITECH’s CCD interface suite supports all required and optional methods for submission and receipt of CCDAs via the Direct Messaging toolset. This workflow provides additional pathways to ensure medical summaries are exchanged when a patient transitions between points of care either inside or outside of your HIE network.

**Public Health Reporting**
We are involved in all state initiatives requiring organizations to report biosurveillance data, reportable lab results, immunization records, and cancer case documentation to public health reporting agencies. HL7 interfaces are available and modified according to each state’s specification. Workflows tied into MEDITECH’s Emergency Department Management (EDM) and inpatient applications—such as Nursing and Laboratory—yield data that supports our nation’s public health reporting efforts.

**Health Information Exchanges (HIEs)**
HIEs are often the vehicle for clinicians to securely and easily access a patient’s longitudinal care record — ultimately, meeting Meaningful Use data exchange initiatives; supporting your population health and HIMSS Stage 7 goals; and helping you to participate in new payment models — such as ACOs, bundled payments, and patient-centered medical homes. MEDITECH’s EHR supports connectivity to centralized, decentralized, and hybrid data sharing models. Interface suites tailored to each configuration — whether for portal view or federated exchange — are available to streamline connections to these entities.

MEDITECH has also developed relationships with key HIE organizations (e.g., CommonWell Health Alliance) and has customers participating in state and private HIEs using a combination of suites built on HL7, IHE, and ONC standards. While our customers are freely participating in HIEs using a variety of solutions, our preferred technology integrators, Forward Advantage and Bridgehead Software, offer the following HIE solutions for customers seeking additional deployment options:

- Forward Advantage’s Communications Director® platform for physician office reporting via Direct Messaging or faxing, in conjunction with Imprivata Cortext® Connector for device-agnostic, secure messaging capabilities; for more robust HL7 bi-directional data exchange, organizations can deploy Data Express and Connections Engine solutions.
- Bridgehead Software’s HealthStore® product is a full service, IHE-compliant HIE and repository that is compatible with our CCD Exchange Suite, and enables organizations to locally run an HIE in their data center.

**Independent Physician Practice Interoperability**
Physician offices not using MEDITECH’s Ambulatory solution can exchange data using a range of interoperable solutions. From exchanging medical summaries and referrals to processing laboratory and radiology results ordered remotely, we’ve worked with many of the leading ambulatory EHR systems to ensure seamless reporting and “orders in, results out,” secure data exchange.

We also worked with Forward Advantage to design a suite of interfaces that streamline the management of electronic orders from ambulatory EHRs. The Data Express solution provides a “one-to-many” interface suite connecting over 80 third-party physician practice systems, and has become one of MEDITECH’s most widely-deployed collaborative solutions.

**Infobutton**
To improve workflow and patient care, MEDITECH supports the HL7 Context-Aware Knowledge Retrieval (Infobutton) Standard. Clinicians can launch URL-based clinical decision support and patient education materials from various points within a patient’s chart and at discharge. Subscription services are provided through many of the leading content vendors used with MEDITECH.

**Blue Button**
MEDITECH supports the “Blue Button Initiative” by providing patients with downloadable medical histories from our Patient and Consumer Health Portal. Patients can readily download both a formatted, human-readable copy as well as an additional copy formatted to the CCDA XML—the upload standard for sharing with another provider’s EMR system.

**MEDITECH**
(781) 821-3000 • www.meditech.com • info@meditech.com Connect with us: 🌐 LinkedIn 📞