Price and Data Transparency Are Coming: Are You Ready?
2019 White House Blue Button Developers Conference

Cloud providers unite to reaffirm commitment to interoperability

CMS ‘Data at the Point of Care’ pilot

CARIN Blue Button draft IG and testing pledge
How will consumers aggregate and share data in the future?

The CARIN Alliance

Multiple APIs

App #1
App #2
App #3
App #4
App #5

Consumer-Directed Exchange

API 1
API 2
API 3
API 4
Our Vision

To rapidly advance the ability for consumers and their authorized caregivers to easily get, use, and share their digital health information when, where, and how they want to achieve their goals.

Source: https://www.carinalliance.com/our-membership/carin-board-participants/
Mobile Access to Health Records
2018 Apple Health Records Market Penetration

February 2019

197,722,710

Total # of potential patients who have access to their common clinical data set

Sources: https://support.apple.com/en-us/HT208647
CMS Interoperability and Patient Access proposed rule (CMS–9115–P)

2019
- CMS publishes Interoperability and Patient Access Proposed Rule
- ONC publishes 21st Century Cures Act Proposed Rule

2018
- Draft TEFCA released
- White House Executive Forum on Interoperability
- CMS made data available to researchers through the Virtual Research Data Center

You are here

Jan 2019
- Providers are required to use 2015 Edition Certified EHR Technology
- Promoting Interoperability program requirements take effect for all providers

Jan 2020
- Payer Provider Directories made available through open APIs
- CMS Innovation Center models require interoperability and health data exchange
- Patient healthcare claims information made available through open APIs for Medicare Advantage and QHPs in the FFIs (Medicaid and CHIP in July of 2020)

Jan 2021
- Payers must participate in trust networks for health information exchange
- Hospitals send e-notifications to other providers

Late 2020
- Public reporting of clinician or hospital data blocking and providers without an electronic address

Apr 2022
- Improved benefits coordination for dually eligible individuals

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Building a Volunteer Trust Framework to move data from a regulated to unregulated space

PHASE 1
Foundational
Application developers self-attest to the principles in the CARIN Code of Conduct

PHASE 2
Questionnaire
Application developers fill out a questionnaire and self-attest to how they will use, manage, and secure the consumer’s health information

PHASE 3
Validation
Multiple, independent certifiers validate the self-attested questions & the application’s systems, processes, clinical guidelines, clinical decision support, etc.

www.carinalliance.com | @carinalliance | ©2019 Leavitt Partners |
HL7 FHIR Standards Accelerators

**WHAT**
Standards
HL7, HL7 FHIR, SNOMED, LOINC, etc.

**WHO**
Implementers
Providers, Plans, Apps, Pharmacies, Regulators, etc.

**HOW**
Implementation Guides

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CMS Calls for “Accelerators” to Close Gaps

Charles Jaffee, MD PhD
Chief Executive Officer
Health Level Seven International (HL7)
3300 Washtenaw Avenue, Suite 227
Ann Arbor, MI 48104

Dear Dr. Jaffee:

Thank you for collaborating in accelerating standards. Recognizing the importance of your work in moving forward to a truly collaborative, interoperable health system that supports patients in seeking low cost, high quality care, the Centers for Medicare & Medicaid Services (CMS) is excited to contribute our priorities for the upcoming year. Top of mind for CMS is ensuring the seamless flow of data, not only from provider to provider, but also including payers, beneficiaries and the opportunity to facilitate innovation by unleashing data for use by researchers, application developers and others. The CMS priorities that will continue to be highlighted in our work this year are:

**ADT for Discharge Notification, Patient and Physician**

CMS is interested in continued progress in maturing admission, discharge, and transfer (ADT) message transmission. ADT is done today almost exclusively using HL7 v2 files, but can be accommodated in the fast healthcare interoperability resources (FHIR) using the MessageHeader and Patient FHIR resources and some transformations. Can the flow of ADT information be made easier for developers to implement FHIR-based solutions, leading to more innovation?

Source: http://www.hl7.org/about/fhiraccelerator
Work Breakdown to support CMS NPRM

Drivers
- Da Vinci Members
- CMS NPRM
- ONC NPRM
- CARIN Members

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<thead>
<tr>
<th>Data</th>
<th>Sub Type</th>
<th>Resource/Profile</th>
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<td>EOB</td>
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<td>Clinical Data</td>
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<td>Treatment</td>
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(CARIN) = use Da Vinci IGs for Consumer
Tools to Align Access Policy to Strategy

- **Consumer Access for Aggregators**
  - Content: All
  - Population: One Patient
  - Duration: Until revoked

- **“Bulk” Access for Payers**
  - Content: Negotiated
  - Population: Negotiated
  - Duration: Contract term

- **“Backend” Access for Networks**
  - Content: Minimum necessary
  - Population: App specific
  - Duration: Treatment

Interop via FHIR Applications

Health System-Managed API Gateway (“Blue Bar”)
Digital Identity

Louisiana's Legal Digital Driver's License

- 100% Legal for driving purposes per Louisiana law of Act 625 of the 2016 season.
- Louisiana State Police will accept the LA Wallet Digital Driver's License!
- ATC legally approved all responsible vendors to accept LA Wallet for age verification-required purchases.
- The LA Wallet App is made for Apple iOS and Android.
- Activate it for the cost of 1 premium coffee for the life of your current physical license registration.
Get Involved!

1. **Health Plan Claims Data**
   CARIN Blue Button FHIR API Implementation Guide
   [https://build.fhir.org/ig/HL7/carin-bb/toc.html](https://build.fhir.org/ig/HL7/carin-bb/toc.html)

2. **Trust Framework and Code of Conduct**
   CARIN Code of Conduct

3. **Real-time Pharmacy Benefit Check**
   At the point of prescribing / dispensing – Formulary and Benefit info, Out of Pocket Cost, Therapeutic Alternatives, and Cash Price (GoodRx)

4. **Digital Identity and Consent Federation**
   No portals, Direct API connection, ID proofing, Authentication, Trust and Federation, Consent, and Matching

5. **Social Determinants of Health (SDOH)**
CARIN website: www.carinalliance.com
CARIN Blue Button IG: https://build.fhir.org/ig/HL7/carin-bb/toc.html
CARIN HL7 Confluence page: https://confluence.hl7.org/display/CAR
CARIN Twitter: @carinalliance