CARIN Alliance Updates

Mark Roberts
9/12/2023
Leads

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If you have questions, please email or send a Zulip chat message!
CARIN Digital Insurance Card IG Overview

• The IG develops artifacts (FHIR implementation guides, code mappings, reference implementations, etc.) to enable the digital exchange and digital rendering of the elements found on a person’s physical insurance card. The primary use case is to support insurance members who wish to retrieve their proof of insurance coverage digitally via a consumer-facing application.

• The implementation guide was published as an STU1 in July 2022.
CARIN Digital Insurance Card 2023 Updates

• On 2/28 we held a developer seminar on to discuss an approach for integrating the CARIN IG for Digital Insurance Card with SMART Health Cards

• Following that seminar, we discussed proposed changes that could be added to the IG to include the SHC use case.
SMART Health Links for CARIN Digital Insurance Card

• Payors create digital insurance card, make it available to members
  – Generate the FHIR bundle defined by the CARIN IG
  – Generate SMART Health Link for a signed copy of the insurance FHIR data
  – Provide to members to import as a QR code, download button, or link

• Providers accept the insurance cards in online or in person check-in processes
  – Accept links or scan QR codes via tablets or webcams, check in kiosks, and in online check-in processes
  – Retrieve and validate the FHIR bundle
  – Integrate (or lean on vendors to integrate) data into existing workflows

• App and wallet makers provide people tools to manage their cards
  – Import cards, add to digital wallets, display QRs for sharing, links for pasting
CARIN Digital Insurance Card 2023 Updates

• In June 2023, during the PIE WG meeting we reviewed proposed updates to add the SHC use case to the IG, which are posted on confluence here: https://confluence.hl7.org/display/CAR/CARIN+IG+For+Digital+Insurance+Cards+SMART+Health+Links+Use

• We also discussed how to move forward with new use case (update PSS or FHIR IG). After the discussion, the PIE WG voted (20-0-1) to approve update the FHIR IG.

• FMG approved the FHIR IG update on 2023-06-28: 2023-06-28 FMG Agenda/Minutes

• CARIN included the updates, which were approved by PIE in a CI build here: https://build.fhir.org/ig/HL7/carin-digital-insurance-card/
CARIN Digital Insurance Card 2023 Updates

• At the CMS Connectathon several apps were able to capture and ingest the SMART Health. Several were then able to validate and display the card or QR code that could be used at a kiosk scanner at a providers office. A report out can be found here:

https://confluence.hl7.org/display/FHIR/2023+-+07+CARI+N+IG+For+Digital+Insurance+Card
CARIN Digital Insurance Card 2023 Updates

• At the September Connectathon, we held a working session to review proposed updates, answer implementer questions, and invite implementers to join in testing the SHC, which can be on the track Confluence page here: https://confluence.hl7.org/display/FHIR/2023+-+09+CARIN+IG+For+Digital+Insurance+Card

• We will be meeting with PIE on 9/12 @ Q2 to discuss publication next steps.

• We also invite you to join us at the January 2024 Connectathon where we plan to hold a robust testing session with numerous implementers.
CARIN Blue Button IG Overview

• This IG describes the CARIN for Blue Button® Framework and Common Payer Consumer Data Set (CPCDS), providing a set of resources that payers can display to consumers via a FHIR API to meet part of the CMS requirements related to the Patient Access API.

• STU1 was published in November 2020, and minor technical corrections were published in early July 2021 as STU1.1.0.

• STU2 was published November 2022 and includes oral and vision types for the first time.
CARIN Blue Button 2023 Updates

• Launched a pilot with the ONC and CMS to include a test kit on the ONC’s Inferno test suite for the CARIN IG for Blue Button®.

• Reviewing Jira tickets and discussing updates to the IG to include non-financial EOBs to meet the CMS Advancing Interoperability and Improving Prior Authorization Processes Proposed Rule proposal, which will make patient claims and encounter data (excluding cost information) available to in-network providers beginning January 1, 2026.
Provider Access to Non-Financial Claims Data

• Objectives
  – Avoid Data Duplication
  – Avoid heavy post processing in an Orchestration Layer

• What We Have Learned So Far
  – _summary view won’t work due to base resource settings
3.3 Use Case - Provider Access to Non-Financial Claims Data

3.3.1 Background

- The CMS Advancing Interoperability and Improving Prior Authorization Processes Proposed Rule (CMS-0057-P) requires Health Plans to make a Bulk FHIR API available to Providers. The data available via that API would be the information a Health Plan makes available to the member, with one exception: Providers would have access to a member's claims data with the financial elements redacted. Making Non-Financial versions of Claims and Encounters available to a Provider audience requires three distinct areas to be addressed:
  - 1. The profile or data view.
  - 2. An Attribution control capability - how members are attributed to specific providers.
  - 3. An Access control capability - how providers gain access to an API to retrieve data for their attributed members.

3.3.1.1 Data View

- The CARIN Consumer Directed Payer Data Exchange (CARIN IG for Blue Button) has defined the claims profiles available for the Patient Access API. It is therefore appropriate for this IG to define the Non-Financial versions of these profiles.

3.3.1.2 Attribution Control

- Access to the Non-Financial Claims and Encounter profiles will be managed using a Group resource. The Da Vinci Member Attribution IG provides capabilities to manage attribution to providers and support bulk data API access.

3.3.1.3 Access Control

- The Payer Data Exchange IG, in a planned STU2 update, is working on defining the access method for leveraging Member Attribution for bulk access by providers to Patient Access API data for attributed members. This will define the Provider API required by the Prior Authorization Proposed Rule. It will utilize the Da Vinci Data Export operation defined in the Da Vinci Member Attribution IG.

In summary, enabling Provider Access to non-financial versions of claims and encounter data will require the combined focus of IGs from both the CARIN Alliance and Da Vinci Accelerators.
CARIN IG for Blue Button Non-Financial Flow

Provider

- Provider API
- Endpoint Access (Da Vinci PDex IG)
- Da Vinci Member ATR (DaVinci-data-export operation)

Consumer

- Patient Access API
- Endpoint Access (CARIN IG For Blue Button)

Blue Button EOB Full Profile (Institutional, Professional etc.)

- EOB Non-Financial (Removes Amount Fields)

Blue Button EOB All Profile Abstract

Base EOB Profile

View Record via Non-Financial or Full Profile

Full Profile

Non-Financial Profile

Load Data to this Profile

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USCDI and USCDI+ Quality

• The CARIN Alliance previously submitted new Data Class and Element recommendations for USCDI versions 2, 3, and 4.

• CARIN suggested the inclusion of core administrative data found in the CPCDS and CARIN IG for Blue Button that did not exist in USCDI, but are necessary to further the ONC’s mission of “a standardized set of health data classes and constituent data elements for nationwide, interoperable health information exchange.”
USCDI and USCDI+ Quality

• Many of the submitted Data Element recommendations have been included within the Health Insurance Information and Patient Demographics/Information Data Classes in USCDI v3 or v4.
• However several have not including the Explanation of Benefits (EOB) Data Class and Data Elements associated with the CARIN IG for Blue Button.
• CARIN recently submitted comments to USCDI v5 to again ask for ONC to consider including EOBs (or at least the non-financial EOBs) in the next published version of USCDI.
Weekly Meetings

• We invite you to join the weekly discussion to review Jira tickets, which will likely lead to updates to the STU2 of the CARIN Blue Button IG. The meetings occur weekly Thursday at 1-2 pm ET.

• The invite can be found on the HL7 Conference Call Center, Confluence, and Zulip or you can join using this Zoom information:
  https://leavittpartners.zoom.us/j/99456976904?pwd=MlhmODhSUFRLdDIDVU9rYW9NZGxMZz09&from=addon
  Password: 807486
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<td>CARIN IG for Consumer-facing Real-time Pharmacy Benefit Check</td>
<td>❖ Developed, in conjunction with HL7 and NCPDP, a consumer-facing real-time pharmacy benefit check implementation guide. This implementation guide meets the CMS requirement to provide a ‘Beneficiary real-time benefit tool (RTBT)’ to Medicare beneficiaries.</td>
<td>❖ Advance the adoption of our RTPBC standard, including encouraging PBMs to consider this standard in conjunction with the NCPDP standard for MAPD and Part D plans. ❖ Working with HL7 sponsoring WG on an STU extension to continue our work.</td>
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<td>Digital Identity &amp; Authentication</td>
<td>❖ Worked with ONC, CMS, and the HHS team to conduct a year-long OpenID Connect-based Digital Identity Federation Proof of Concept. The PoC was necessary to implement FHIR-based data exchange at scale. For the PoC, we tested four workstreams (CSP only, CSP with HIEs, CSP with the HHS XMS Identity Broker service, and CSP with UDAP Tiered OAuth which followed the <a href="https://www.hl7.org/standards/ig/fast/">FAST HL7 IG on Interoperable Digital ID and Patient Matching</a>) with the objective of scaling an open framework for federating trusted Identity Assurance Level 2 (IAL2) certified credentials using a person-centric approach. The output of this endeavor was published on our website in March 2023. ❖ Developed the CARIN Digital Identity Federation <a href="https://www.carinalliance.org/digital-identity-policy">Credential Policy</a> which maps to NIST 800-63-3A, NIST 800-63-3B, NIST 800-53, and RFC 3467 guidance. This allows for digital identities to be interoperable. The credential policy is non-proprietary and can be used by anyone. It was published on our website in March 2023.</td>
<td>❖ Incorporate the lessons learned from the Digital Identity Federation Proof of Concept into a production pilot. ❖ There is the potential to lead a health care digital identity federation pilot in the state of Utah through the One Utah Health Collaborative digital health pilot. ❖ A new workstream within CARIN will be addressing an open framework for how to identity proof minors with their consent and their legal guardian's/parent(s) consent.</td>
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| Trust Framework, Code of Conduct, and App Registration Guide | - Continued to advance the CARIN Code of Conduct with various industry and public sector organizations. Current adopters include dozens of payers, the VHA, provider organizations, and others. We also have reviewed in detail with the FTC.  
- Launched the CARIN Code of Conduct Certification program with EHNAC. Applications can now get CARIN code of conduct certified with EHNAC.  
- Continued discussions with the VHA, CCIIO, & CMS about developing a common public sector application registration process, in relation to the CARIN App Registration Guide. | - CARIN Code of Conduct for Consumer-facing Applications is currently going through its annual update process based on feedback.  
- CARIN is creating a new Code of Conduct for “Connectors.”  
- WG is collaborating with Policy on FTC Health Breach Notification Rule.  
- Continue to ramp up the CARIN code of conduct certification program with more applications getting certified. |
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