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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 Review

• Expands the SMART Health Cards protocol, so users can share links to
  — A SMART Health Card that is too big to fit in a QR
  — A SMART Health Card that changes over time or is generated in real time
  — Bundles of data such as FHIR bundles or SMART Health Cards from multiple sources
  — Provision access to SMART on FHIR APIs for comprehensive sharing

• WIP Use cases:
  — Complete immunization record
  — International Patient Summary (IPS)
  — Insurance card
  — Advanced directives
  — Vital records
SMART Health Links Technical Review

- FHIR bundles contain the clinical data payload
- SMART Health Cards or FHIR bundles are hosted in the cloud
  - Data are encrypted, can expire, can be passcode protected
- SMART Health Link provides access to artifacts, including decryption key
- Shared as QR code or URL, can include information about web viewer
- Free and open source tools verify and extract data
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
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+CARIN+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 WGM Sessions

• Monday 9/11
  – Q3 (1:45 pm) CMS Provider Access API Regulation Requirements Discussion @ FM WG

• Tuesday 9/12
  – Q2 (11 am) CARIN IG for Digital Insurance Card and SMART Health Cards/SMART Health Links and CARIN Blue Button Update @ PIE and FM WGs