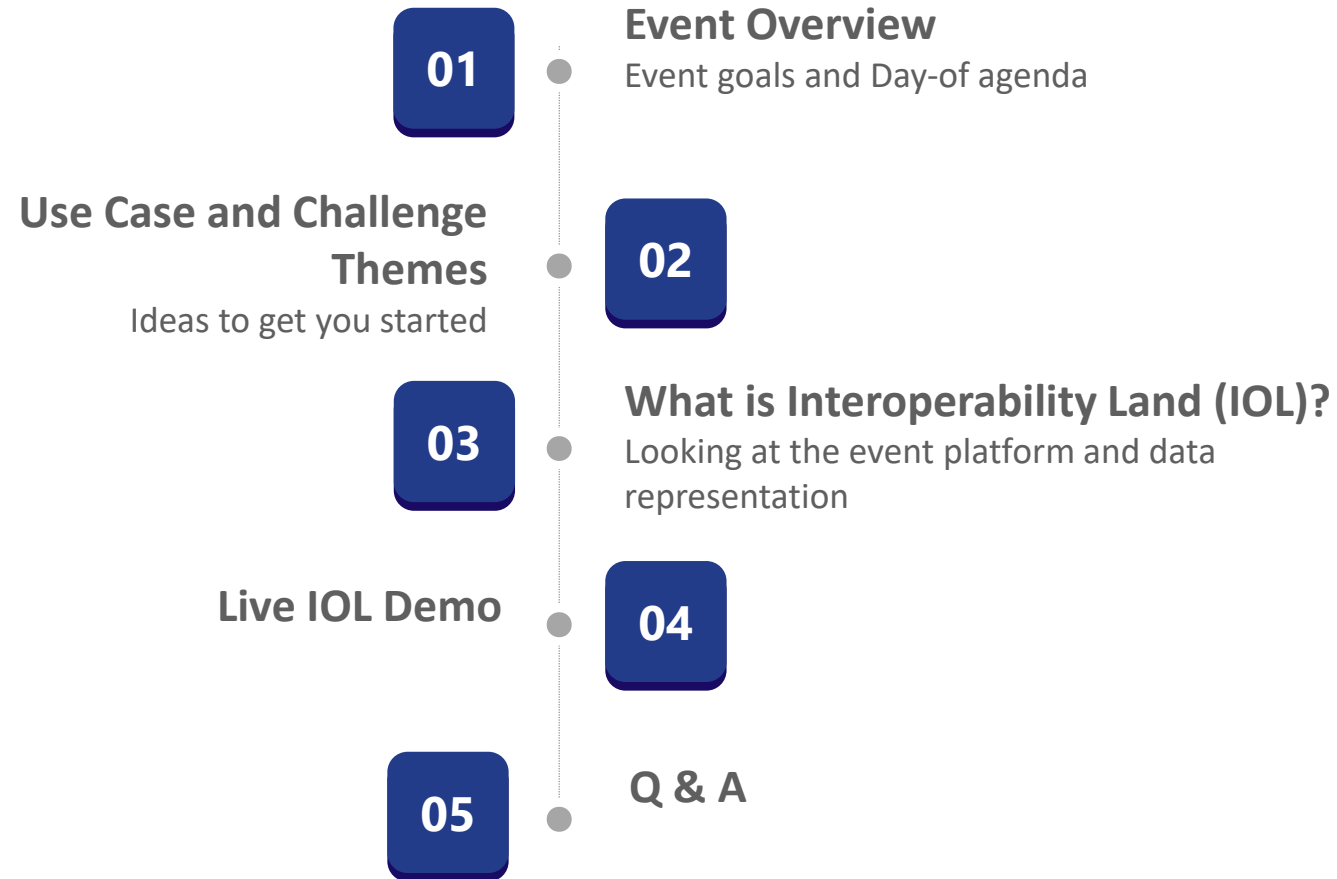**Blue Cross Blue Shield of Michigan Connectathon**

Webinar 2: Event Overview & Interoperability Land (IOL) Demo

Today's Agenda

01

Event Overview
Event goals and Day-of agenda

Use Case and Challenge Themes
Ideas to get you started

02

03

What is Interoperability Land (IOL)?
Looking at the event platform and data representation

Live IOL Demo

04

05

Q & A

Event Overview

Connectathon Agenda

- 8:00 AM   Continental Breakfast and Registration
- 8:30 AM   Welcome – Bill Fandrich - SVP & CIO and Rich Boehm – Director II
- 8:45 AM   Event Schedule & Important Information
- 9:00 AM   Event Kickoff – Hacking Begins
- 12:00 PM   Lunch available
- 2:00 PM   Break + Snacks + Bonus Challenge
- 3:30 PM   Submissions Deadline; 1st Round Judging Begins
- 4:30 PM   Top Teams Announced with Demos
- 5:00 PM   2nd Round Judging Begins
- 5:30 PM   Awards and Closing Remarks
- 6:00 PM   Networking Reception *(Tower Activity Center)*

Goals for the Connectathon

- Explore solutions to real-world problems using open API's and synthetic data

- Learn about HL7 Da Vinci Clinical Data Exchange (CDex)

- Identify gaps and barriers to realizing an interoperable open API powered healthcare system

- Cross-functional team building, knowledge sharing and collaboration

- Promote learning and awareness of:
  - Open API's available across the healthcare sector
  - Standards like FHIR, OAuth and others that are powering innovative new business models
  - Real-world healthcare problems
  - Gaps in the current healthcare ecosystem preventing progress toward interoperability goals

Building Solutions

- Teams will be assigned a table in the event hall where they can gather to work on their solution

- Several APIs will be available for participants to leverage – information on each API can be found on GitHub

- An event help desk will be staffed during the event to assist teams with any blocking issues, questions, requests, etc.

- The event slack channel will also be used to facilitate communication and assistance at the event

- Teams will have to decide whether or not they want to participate in the bonus challenge (to be kept secret until the event)
    - 1st, 2nd and 3rd place winners of bonus challenges will be awarded points that will be added to their final score in the first round.
    - Participating in the bonus challenge is optional but all points acquired count towards eligibility for one of the top 5 presentation spots

Submission Requirements

- All teams must submit their solution overview deck and code by 3:30 PM ET on day of the event

- Each team will submit:
  - A copy of their presentation describing the team's solution. A presentation template will be provided that includes content that should be included

  - Screenshots of the user experience if applicable

  - Solution source code if available

- Teams will be submitting their presentations via Slack

Solution Presentation Content

- Team Name and Photo

- Use Case Alignment

- What problem does your solution attempt to solve? Who is most affected by this problem? Why?

- Describe your solution? Who benefits most from your solution? How?

- What stakeholder participation would be required to make your solution viable?

- What API's does your solution use? What aspect of the API's did your solution of use? What value did the API provide to your solution?

- What assumptions did you have to make about existing capabilities to make your solution work?

- What capability gaps did you identify in the current ecosystem that would need to be solved to make your solution viable?

- How does your solution improve quality of care, reduce costs or enable patient access?

- Screen shots of any user experience

Use Case and Challenge Themes

HEDIS TRC Overview

Clinical Data Exchange (CDex) is looking to improve exchange methods between providers, payers, and other systems to make exchange of health record information more efficient and effective. In turn, allowing improved care coordination, network performance, delivery of patient care and outcomes, and reducing the burden of quality reporting.

Payers use clinical information gathered from providers to support the HEDIS/Stars quality program. The Healthcare Effectiveness Data and Information Set (HEDIS) is made up of standardized performance measures to assess value of care and hold health plans accountable for their performance.

In this example we will be looking at the HEDIS TRC – Transitions of Care measure. The HEDIS TRC looks at four data points:

1. documentation of receipt of inpatient admission
2. documentation of receipt of discharge information
3. follow-up visit with primary care provider within 30 days of discharge
4. medication reconciliation within 30 days of discharge

Scenario 1: Determine eligibility of patient for HEDIS TRC eligibility criteria

HEDIS TRC – Transitions of Care measure requires four eligibility criteria:

1. documentation of receipt of inpatient admission
2. documentation of receipt of discharge information
3. follow-up visit with primary care provider within 30 days of discharge
4. medication reconciliation within 30 days of discharge

For this Connectathon we will use documents such as ADTs (AO1, AO3, & AO4), discharge summaries, and CCDs. Unlock ways to identify if a patient meets the HEDIS TRC measure by leveraging FHIR resource data via query from the Health Information Network (HIN). This process requires human intervention to conduct chart chasing to gather documentation for audit.

Scenario 2: Calculating total patients in a health system who meet HEDIS TRC eligibility criteria

The current validation process for substantiating completed HEDIS measures includes querying medical facilities for missing documentation.

Conceptualize a process that queries the health system to return the number of patients who have met the HEDIS TRC eligibility criteria.

Interoperability Land (IOL)

Thank you!