

# FAST Scaling Requirements for FHIR RESTful Exchange Intermediaries - Expert Panel Discussion



## SME Session 7: Scaling Requirements for FHIR RESTful Exchange Intermediaries

This SME Panel Session will focus on the proposed solution to address barriers related to Scaling Architecture, developed by the FAST Directory, Versions and Scale Tiger Team. The group of SMEs invited to participate in this session will be asked to evaluate the team's proposed solution, "Scaling Requirements for FHIR RESTful Exchange Intermediaries", and provide expert insight, feedback, and guidance.

Intermediaries will be needed to scale FHIR across a growing number of healthcare ecosystem participants in anticipation of future healthcare needs and increased transactions embedded in clinical workflows. Yet there are no "rules of the road" for intermediaries to meet minimum requirements for performance, availability, or response times in support of synchronous end-to-end real-time data exchange. The FAST team has proposed a solution intended to support:

- The ability to utilize intermediaries to reduce the complexity of connecting with a large number of endpoints and managing authentication and authorization with each
- Predictable intermediary performance to meet real-time exchanges

### Participants

| Name                      | Organization            | Participation Role                            |
|---------------------------|-------------------------|-----------------------------------------------|
| Patrick Murta             | Humana                  | Meeting Facilitator, ONC FAST Chief Architect |
| Paul Oates                | Cigna                   | Meeting Facilitator, ONC FAST Chief Architect |
| Alex Kontur               | HHS   ONC               | Meeting Facilitator, ONC FAST Lead            |
| Alix Goss                 | Imprado                 | Meeting Facilitator, ONC FAST Tiger Team Lead |
| Bob Dieterle              | Enablecare              | Meeting Facilitator, ONC FAST Tiger Team Lead |
| Arien Malec               | Change Healthcare       | Subject Matter Expert                         |
| Michael Privat            | Availity                | Subject Matter Expert                         |
| James Agnew               | Smile CDR               | Subject Matter Expert                         |
| Sasha Volkov              | Optum                   | Subject Matter Expert                         |
| John Kelly                | Edifecs                 | Subject Matter Expert                         |
| Mike Gould                | BCBSA                   | Subject Matter Expert                         |
| Vijey Kris Sridharan      | United                  | Subject Matter Expert                         |
| Patrick Haren             | Cigna/ Evernorth        | Subject Matter Expert                         |
| Patrick Murta or designee | Humana                  | Subject Matter Expert                         |
| Hans Buitendijk           | Cerner                  | Subject Matter Expert                         |
| TBD                       | Athenahealth            | Subject Matter Expert                         |
| Vassil Peytchev           | Epic                    | Subject Matter Expert                         |
| Jeff Danford              | Allscripts/ Veradigm    | Subject Matter Expert                         |
| Rohit Shinde              | eClinical Works/ Healow | Subject Matter Expert                         |
| TBD                       | Military/DoD/VA         | Subject Matter Expert                         |
| Eric Heflin               | eHealth Exchange        | Subject Matter Expert                         |
| Alan Swenson              | Carequality             | Subject Matter Expert                         |

|                    |                                                  |                       |
|--------------------|--------------------------------------------------|-----------------------|
| Jason Vogt         | CommonWell                                       | Subject Matter Expert |
| Tim Pletcher       | MIHIN                                            | Subject Matter Expert |
| Brandon Neiswender | CRISP                                            | Subject Matter Expert |
| Cody Johansen      | UHIN                                             | Subject Matter Expert |
| Matt Spielman      | InterSystems                                     | Subject Matter Expert |
| Bill Gregg         | HCA                                              | Subject Matter Expert |
| Verghese Abraham   | Sutter Health                                    | Subject Matter Expert |
| Mike Westover      | Providence St. Joseph                            | Subject Matter Expert |
| Michael Shoemaker  | Providence St. Joseph                            | Subject Matter Expert |
| Jon Copley         | Centene                                          | Subject Matter Expert |
| John Loonsk        | Association of Public Health Laboratories (APHL) | Subject Matter Expert |
| Walter Suarez      | Digital Bridge                                   | Subject Matter Expert |
| Paula Braun        | CDC                                              | Subject Matter Expert |
| Richard Hawes      | CDC                                              | Subject Matter Expert |
| Jamie Ferguson     | Kaiser Permanente                                | Subject Matter Expert |

\*All SME participants with an asterisk by their name are invited, pending confirmation.

## Relevant Pre-meeting Reading Material

- The [FAST Technical Barriers to the Scalability of FHIR Based Solutions](#) document
- The [FAST Scaling Architecture Solution Document V2](#)
- The [FAST Action Plan, Scaling Architecture Excerpt](#)

## SME Session Details

The nominated SME's will be asked to participate in two meetings in their area of expertise.

### Meeting #1 - SMEs Prep-session (1 hour) (closed session, by invite only)

- **Date/time:** 02 Dec 2021 4-5PM ET
- **Scope and goals:** This session is intended to orient SMEs to the work of FAST, the barriers this team is addressing and the proposed solution the team has developed. The goal is to provide SMEs with the foundational knowledge required to conduct an evaluation of the proposed solution prior to the SME Session.
- **Agenda**
  - Introductions
  - FAST 101
  - SME Role and Expectations
  - Barriers & Proposed Solution
  - Setting the Stage for SME Session
- **Meeting Materials:** [FAST\\_SME PREP Session\\_Scaling Architecture\\_120221\\_FINAL.pdf](#)

### Meeting #2 - SMEs Panel Session - An industry discussion around the FAST proposed solution for Scaling Requirements for FHIR RESTful Exchange Intermediaries (3 hours) (closed session, by invite only)

- **Date/time:** 06 Dec 2021 3-6PM ET
- **Scope and goals:** The goal of this session is to elicit SMEs expert insight into proposed solution(s), specifically:
  - Feasibility and effectiveness
  - Potential gaps
  - Unintended consequences
  - Alternate approaches to consider
  - Industry path forward (standard, regulation or policy)
- **Agenda**
  - Welcome
  - Session Goals
  - Solution Review and Discussion
  - Implications of Solution
  - Industry Path Forward
  - Action Items

- **Meeting Materials:** [FAST\\_SME Session\\_Scaling Architecture\\_120621\\_FINAL.pdf](#)

## Learn More About *FAST*

*FAST*'s goal is to analyze and identify HL7® Fast Healthcare Interoperability Resources (FHIR®) scalability gaps and offer possible solutions that will address current barriers and will accelerate FHIR adoption at scale.

To learn more, you can review the [FAST Action Plan](#) for a snapshot of the progress made by *FAST* so far.

## Next Steps following SME Sessions

- *FAST* Report-Out to summarize session discussion, decisions, and next steps
- *FAST* Action Plan updates to define proposed solution path (standard, regulation and/or process)

## Contact Us

If you have any further questions, comments or would like more information please contact ONC *FAST* Lead: [Alex.Kontur@hhs.gov](mailto:Alex.Kontur@hhs.gov)