



# FAST's New Consent Project

FHIR Dev Days- June 2024





# HL7 Antitrust Statement



Professional Associations, such as HL7, which bring together competing entities are subject to strict scrutiny under applicable antitrust laws.

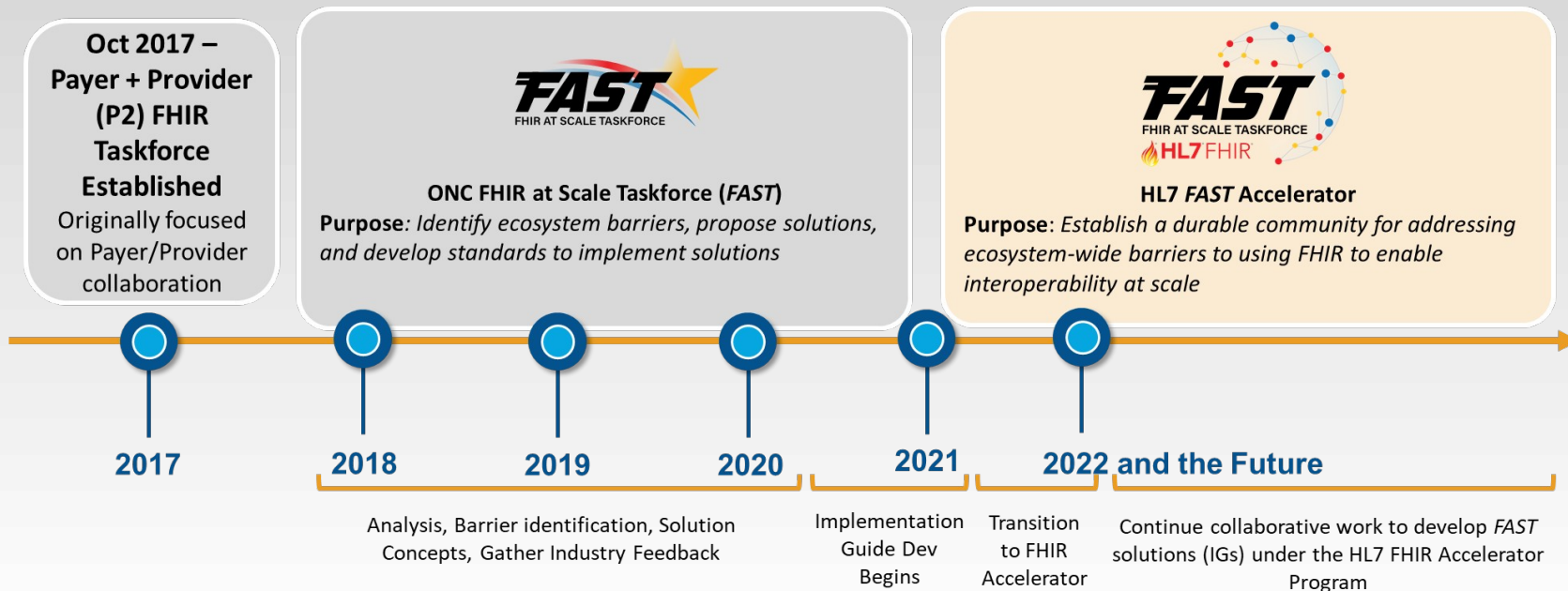
HL7 recognizes that the antitrust laws were enacted to promote fairness in competition and, as such, supports laws against monopoly and restraints of trade and their enforcement.

Each individual participating in HL7 meetings and conferences, regardless of venue, is responsible for knowing the contents of and adhering to the HL7 Antitrust Policy as stated in §05.01 of the Governance and Operations Manual (GOM).



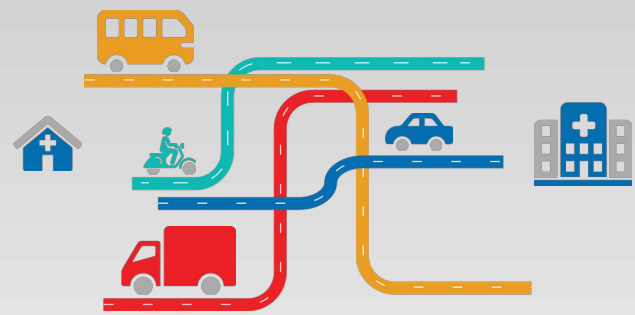
# What is FAST?

The *FHIR at Scale Taskforce (FAST)* is a representative community of motivated healthcare industry stakeholders and health information technology experts who have identified HL7® Fast Healthcare Interoperability Resources (FHIR®) scalability gaps and are actively working on solutions to address current barriers to enable scalable data exchange using FHIR APIs





# What is the Problem?



**TODAY - Exchange**

Exchange characterized by point-to-point interfaces  
Adoption trajectory is slow, expensive, and fragmented



**FUTURE - Interoperability**

A common & consistent infrastructure approach to API implementation  
Consensus on implementation guides for key enablers, such as directory, security, patient matching, exchange and testing

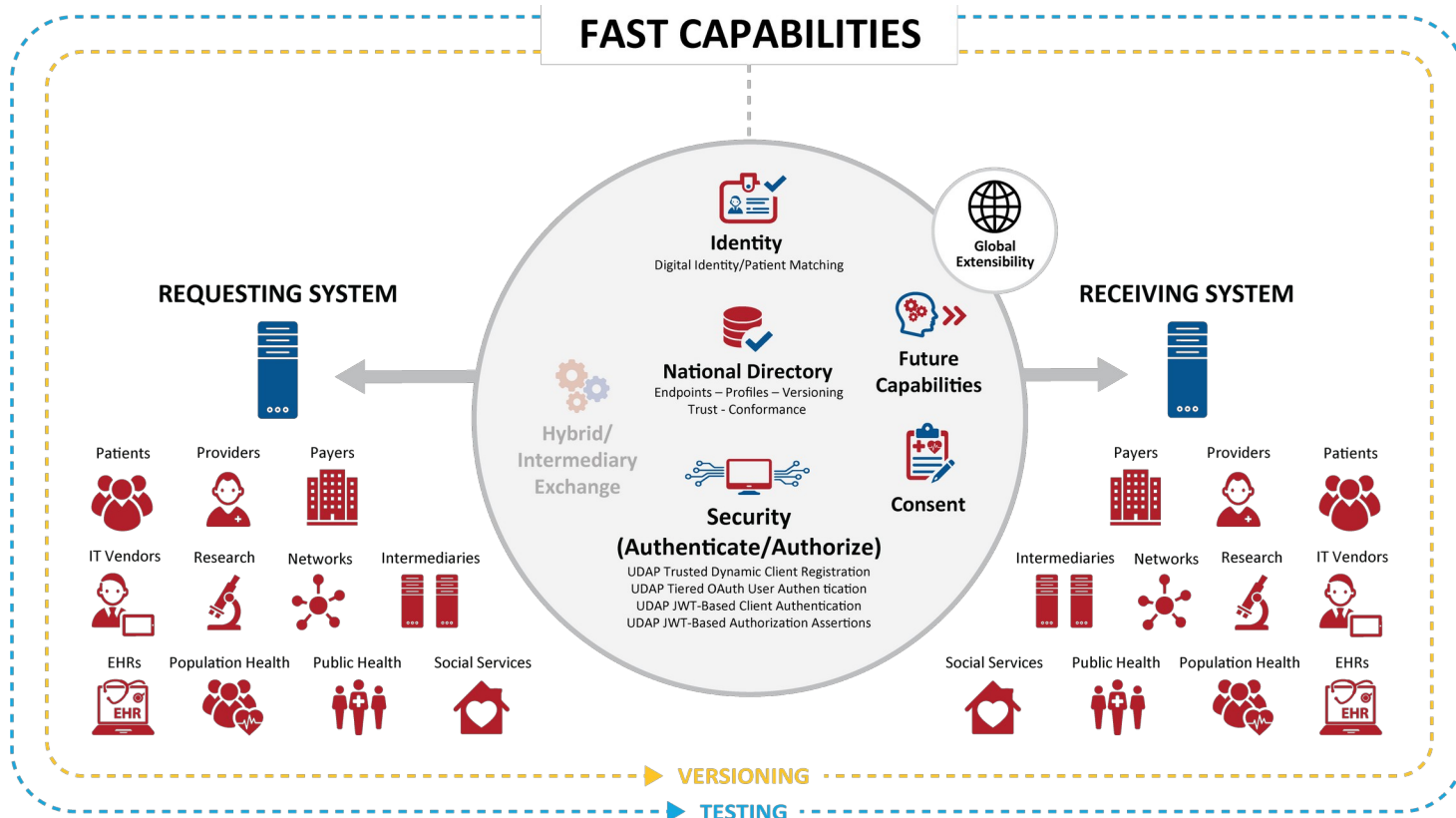
**DESIRED RESULT:**  
A national interoperability approach that enables consistent data exchange via API. We have this for administrative transactions (X12, clearinghouses, WEDI) and pharmacy transactions (NCPDP, Surescripts). We do not have this for HL7-FHIR.



# FAST 2024 Members



# Conceptual Architecture



# FAST Consent Project





# What is the Industry consent need?

## ➤ Interoperability Regulations:

- New patient interoperability rules are requiring health plans to be able to electronically exchange data outside of normal TPO (Treatment, Payment & HealthCare Operations). E.g. Mobile healthcare applications, Provider visit scheduling, etc.
- Regulations require health plans to still follow rules for patient privacy and consent at both Federal & State level.

## ➤ Centralization:

- Data can be shared through multiple applications & channels: web portals, API, files, paper, etc. All apps should get consent from one source of truth.
- Users (internal & external) should go to one place to create/manage/revoke consent.
- Clear audit history for legal & liability: who, what, when, and usage

## c. Identifying Previous and Concurrent Payers and Opt In

We propose that all impacted payers must develop and maintain processes to identify a patient's previous and/or concurrent payer(s) and to **allow patients or their personal representatives to opt into** payer to payer data exchange (both with previous and concurrent payers) prior to the start of coverage. Payers would also need similar processes for current enrollees who are continuing enrollment with their same payer to ensure those **patients have the ability to opt in** prior to the data being shared through the API.

## b. Opt Out

We are proposing that all impacted payers would be required to establish and maintain a process to **allow patients or their personal representatives to opt out** of having the patients' data available for providers to access through the Provider Access API.



# FAST Consent



## BARRIER

Consent is typically held in one repository in one provider. With networked exchange becoming more prevalent, there needs to be a way to work with federated management across payers and providers. In addition, a patient/member should be able to update or cancel consent without having to track down all the places that information is retained



## IN SCOPE

Tracking consent for new, updated or revoked patient/member requests

Exchanging consents between multiple management systems



## SOLUTION

Develop an IG to outline the exchange and tracking of consent between and among multiple consent management systems

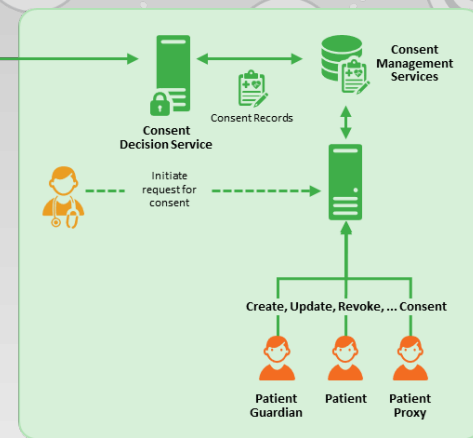
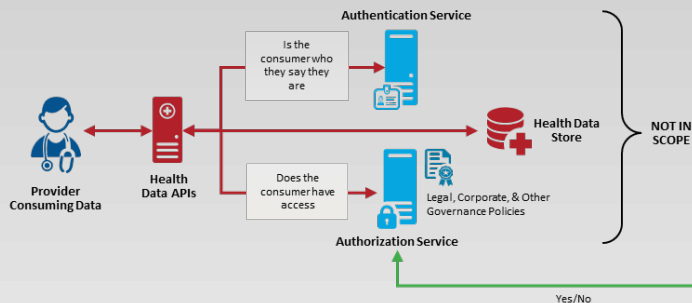


## OUT OF SCOPE

Creation of the consent a.k.a. the consent "ceremony"  
Resolution of policy conflicts between jurisdictions

# FAST Consent Technical Scope

- Consent Management
- Consent Decision and Enforcement
- Excluding authentication
- Excluding broader scope of authorization beyond consent enforcement

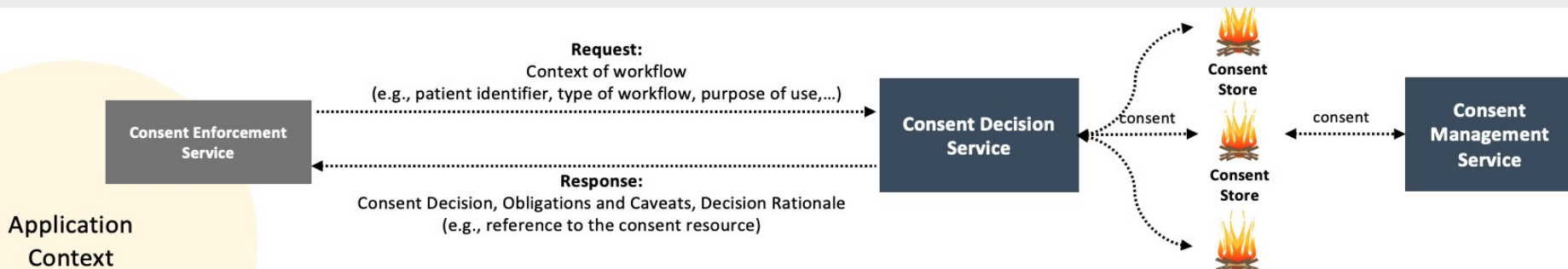


Authorization service determines if the consumer should have access to the data. This includes determining legally who is required to have given consent, if anyone, and evaluating any patient criteria, such as age, that might have an effect on authorization. Conditions and special situations, such as “break glass,” would be evaluated here.

The Consent Decision Service is only responsible for calculating the result of the consent record, or records, that have been filed in association with the identities specified in by the Authorization Service. This includes considerations such as, has the consent expired.

# FAST Consent Abstract Use Cases

- Provider-Initiated Request to Consent
- Patient-Initiated Consent
- Review Consent
- File/Sign Consent
- Delegate Consent
  - Substitute decision maker
  - Healthcare proxy
  - Legal guardian for a minor or adolescent
- Revoke Consent
- Propagation of Revocation
- Disclosure Audit
- Query Consent Decision
- Enforce Consent Decision






# Consent - Status



- FAST Consent Co-Leads identified
  - Durwin Day, HCSC
  - Kevin Day, Edifecs
  - Maidul Islam, Optum
  - Sam Schiffman, Availity
  - Jean Duteau, Dogwood (IG Lead)
- Still seeking Digital/Consumer stakeholder representative co-lead
- Monthly meetings are held on Fridays at 2 pm ET.
  - Check the HL7 Conference Call Centre for details!

**REQUESTS** 

Watch the [FAST Projects](#) page or the [HL7 Conference Call Center](#) for meetings to kick off in April

# Engaging with *FAST*





# Simple Ways to Join FAST's Work



FAST: Security for Scalable Registration, Authentication, and Authorization	FAST: Directory	FAST: Interoperable Digital Identity & Patient Matching	FAST: Consent
<b>HL7 Project Page</b> <a href="#">Security for Scalable Registration, Authentication, and Authorization</a>	<b>HL7 Project Page</b> <a href="#">Directory</a>	<b>HL7 Project Page</b> <a href="#">Interoperable Digital Identity &amp; Patient Matching</a>	<b>HL7 Project Page</b> <a href="#">Consent</a>
<b>Public Meetings the 2<sup>nd</sup> and 4<sup>th</sup> Tuesdays Each Month at 2PM ET</b> <a href="https://hl7-org.zoom.us/j/99770852614?pwd=SK1OUDBjY0hUSDNXYVQ4YW5KNkpidz09">https://hl7-org.zoom.us/j/99770852614?pwd=SK1OUDBjY0hUSDNXYVQ4YW5KNkpidz09</a> -	<b>Public Meetings: Biweekly meetings on Mondays at 3pm ET as of April 29<sup>th</sup></b> <a href="https://hl7-org.zoom.us/j/95314390248?pwd=QUhvNktmTVJlWUk2ZnRHSmdWcHpmdz09">https://hl7-org.zoom.us/j/95314390248?pwd=QUhvNktmTVJlWUk2ZnRHSmdWcHpmdz09</a>	<b>Public Meetings the 1<sup>st</sup> and 3<sup>rd</sup> Thursdays Each Month at 2PM ET</b> <a href="https://hl7-org.zoom.us/j/99145025586?pwd=bE01OFVHZkVta051SIRjbjJZMTRFRQT09">https://hl7-org.zoom.us/j/99145025586?pwd=bE01OFVHZkVta051SIRjbjJZMTRFRQT09</a>	<b>Public Meetings:</b> Launched April 5 <sup>th</sup> and calls to be held <b>2<sup>nd</sup> and 4<sup>th</sup> Fridays at 2 pm ET</b> <a href="https://hl7-org.zoom.us/j/93156049340?pwd=Ump1bnBHN0NSZlhmZUhpdKppWE5tdz09">https://hl7-org.zoom.us/j/93156049340?pwd=Ump1bnBHN0NSZlhmZUhpdKppWE5tdz09</a>
<b>Chat.fhir Stream</b> <a href="https://chat.fhir.org/#narrow/stream/294749-FHIR-at.20Scale.20Taskforce.2028FAST.29.3A.20security">https://chat.fhir.org/#narrow/stream/294749-FHIR-at.20Scale.20Taskforce.2028FAST.29.3A.20security</a>	<b>Chat.fhir Stream</b> <a href="https://chat.fhir.org/#narrow/stream/283066-united-states.2fnational.20directory">https://chat.fhir.org/#narrow/stream/283066-united-states.2fnational.20directory</a> -	<b>Chat.fhir Stream</b> <a href="https://chat.fhir.org/#narrow/stream/294750-FHIR-at.20Scale.20Taskforce.2028FAST.29.3A.20Identity">https://chat.fhir.org/#narrow/stream/294750-FHIR-at.20Scale.20Taskforce.2028FAST.29.3A.20Identity</a>	<b>Chat.fhir Stream</b> <a href="https://chat.fhir.org/#narrow/stream/426241-FHIR-at-Scale-.28FAST.29.3A-Cconsent-Management">https://chat.fhir.org/#narrow/stream/426241-FHIR-at-Scale-.28FAST.29.3A-Cconsent-Management</a> -

**Implementer Support Office Hours are on the first Tuesday each month from 1 - 2 pm ET**  
[Join the Implementer Support Hours Conference Call](#)



# FAST Artifacts and Resources



Want to learn more about becoming a member of the HL7 *FAST* FHIR Accelerator?

Want to work on the *FAST* Consent Project?

Contact [fast@hl7.org](mailto:fast@hl7.org)

**CONTINUE THE CONVERSATION!**



*Join the FAST Community to stay up to date – receive updates about FAST presentations & events, provide additional input and follow our progress.*

***VISIT FAST PROJECT PAGE***

***JOIN FAST LISTSERV***

***JOIN THE LINKEDIN GROUP***

Questions?





# Thank you!

For more information on the *FAST* Initiative,  
visit the *FAST* [Project Page](#)

Have any further questions/suggestions?

Please contact [fast@hl7.org](mailto:fast@hl7.org)