



The Office of the National Coordinator for  
Health Information Technology

## FHIR at Scale Taskforce (*FAST*)

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Tiger Team Leads Call

February 21<sup>st</sup>, 2019

Stephen Konya, Senior Innovation Strategist, HHS /ONC  
ONC Lead - *FAST* Initiative



# Agenda

- **Roll Call** - Diana (3 mins)
- **Welcome and Opening Remarks** - Stephen (5 mins)
- **21<sup>st</sup> Century Cures NPRM** – Stephen (10 mins)
- **Updated: FAST Deliverables and TT Workflow Proposal** – Paul & Patrick (30 mins)
- **Open Discussion** - Tiger Team Leads, Paul, Patrick and Bob (10 mins)

# FAST Tiger Team Leads - Roll Call

- **Ecosystem Use Case**

- » Co-Leads: Jackie Hardison, Christol Green, Chris Johnson
- » ONC POC: Vaishali Patel

- **Identity**

- » Co-Leads: Meena Jambulingam, Carmen Smiley
- » ONC POC: Diana Ciricean

- **Security**

- » Co-Leads: Debbie Bucci, Luis C. Maas, Brett Stringham
- » ONC POC: Ali Mashii

- **Directory, Versions, & Scale**

- » Co-Leads: Alix Goss, Bob Dieterle
- » ONC POC: Alex Kontur

- **Testing and Certification**

- » Co-Leads: Lee Barrett, Sandra Vance
- » ONC POC: Glenn Janzen

- **Exchange Process**

- » Co-Leads: Durwin Day
- » ONC POC: Adam Wong

- **Pilots**

- » Co-Leads: Dennis Hillen, Weston Blakeslee, Jillian Giudice
- » ONC POC: Tracy Okubo

**Housekeeping items;**

- **Tiger Team monthly reports**
- **Staffing**
- **FAST Confluence Site – TT Landing Pages**

# 21<sup>st</sup> Century Cures – Notice of Proposed Rule Making (NPRM)

- **ONC's Primary Landing Page:** [www.HealthIT.gov/NPRM](http://www.HealthIT.gov/NPRM)
- **Presentation from HIMSS:** [API Conditions of Certification \(and more!\) \[PDF - 9.1 MB\]](#)
- **[Download the Full Proposed Rule \(724 pages\) \[PDF - 3.2 MB\]](#)**

## 9 Fact Sheets Provided by ONC

[Implementation of Cures Act and Executive Orders \[PDF - 1.4 MB\]](#)

[Application Programming Interface \(API\) Permitted Fees \[PDF - 405 KB\]](#)

[U.S. Core Data for Interoperability \(USCDI\) \[PDF - 776 KB\]](#)

[Conditions and Maintenance of Certification Requirements \[PDF - 805 KB\]](#)

[API Certification Criterion and Associated Condition of Certification \[PDF - 1.1 MB\]](#)

[Electronic Health Information Export for Patient and Provider Access \[PDF - 1.6 MB\]](#)

[Health IT for Pediatric Care and Practice Settings \[PDF - 477 KB\]](#)

[Standards Version Advancement Process \[PDF - 442 KB\]](#)

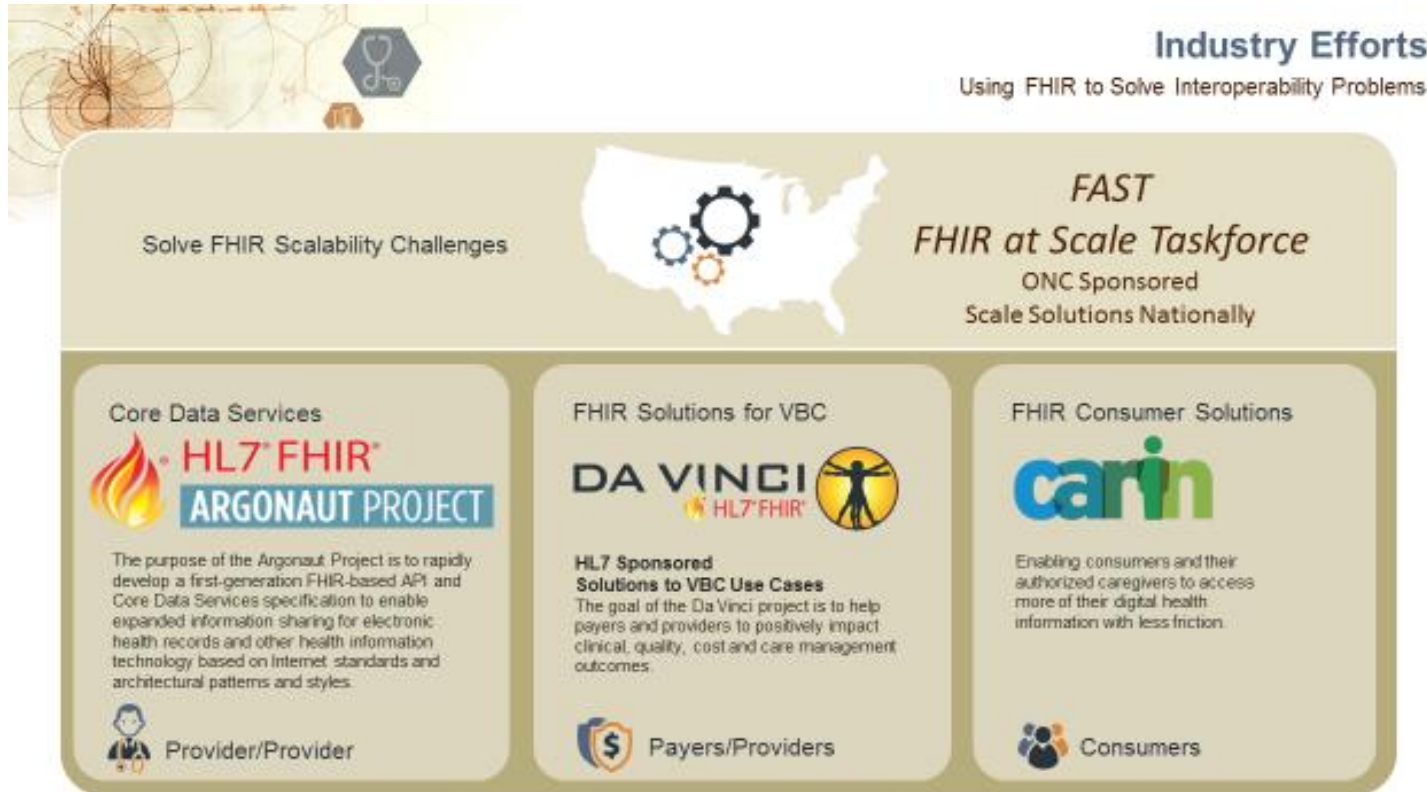
[Information Blocking – Summaries of the 7 Exceptions \[PDF - 578 KB\]](#)

# 21<sup>st</sup> Century Cures – Notice of Proposed Rule Making (NPRM)

More fact sheets on the 7 exceptions for information blocking ;

- [Recovering Costs Reasonably Incurred \[PDF – 180KB\]](#)
- [Practices that Prevent Harm \[PDF – 160KB\]](#)
- [Practices that Maintain and Improve Health IT Performance \[PDF – 144KB\]](#)
- [Requests that are Infeasible \[PDF – 150KB\]](#)
- [Privacy-Protective Practices \[PDF – 165KB\]](#)
- [Licensing of Interoperability Elements on Reasonable and Non-discriminatory Terms \[PDF – 206KB\]](#)
- [Security-Related Practices \[PDF – 235KB\]](#)

# Aligning Industry Efforts (early draft)



# Proposed *FAST* Deliverables

	Proposed Deliverables or “Outputs”	Approach	Targeted Timeline (for discussion)
1	<b>11 Documented Ecosystem Use Cases</b>	Format the use case tiger team’s material for external consumption as a formal “deliverable”	March 7 <sup>th</sup> , 2019
2	<b>List of Technical Barriers</b>	Re-cast the problem statements in the original charter as a formal “problem document” Have each tiger team review and edit based on their problem scoping work	March 7 <sup>th</sup> , 2019 - Initial working DRAFT End of April 2019 - Revised/final DRAFT
3	<b>List of Proposed Solutions to Technical Barriers</b>	Each tiger team to document possible solutions: Directory: use of federal directory for endpoints, how to federate Identity: matching patterns, tokens, other approaches Security: opine on any gaps over an above current privacy and security guidelines like HIPAA	End of May 2019 - Initial working DRAFT End of July 2019 - Revised/final DRAFT

# Proposed *FAST* Deliverables

	Proposed Deliverables or “Outputs”	Approach	Targeted Timeline (for discussion)
4	Gap Assessment of Standards Required	Work with architects and coordinating committee to put together an initial list (in progress) Socialize with tiger teams	TBD
5	List of Regulatory / Policy Barriers		March 7th, 2019 -Initial working DRAFT End of April 2019 - Revised/Final DRAFT
6	List of Proposed Solutions to Regulatory / Policy Barriers		End of June 2019 - Initial working DRAFT End of August 2019 - Revised/Final DRAFT
7	Public Technical Learning Community (TLC)	<ul style="list-style-type: none"> <li>• Transparent Confluence site</li> <li>• Public webinars</li> <li>• In-person / virtual meetings</li> </ul>	Q1 2019
8	Companion “Scalability” Guides	TBD – (i.e. implementation guides for scalability approaches)	TBD
9	Scalability Pilot Projects	TBD – work with pilots team to define	TBD



# Next Steps

- Assign authors
- Templates for documents
- Collection and Review process
  - » Including feedback loop between the tiger teams and the architecture teams (plan to have completed by March 7<sup>th</sup>)
- Start now on the industry experts / tech learning community panels



## Thank you!

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Have questions? Contact:

Stephen Konya, [stephen.konya@hhs.gov](mailto:stephen.konya@hhs.gov)

Diana Ciricean, [diana.ciricean@hhs.gov](mailto:diana.ciricean@hhs.gov)



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# Appendix – Original Scope and Dates, Details for tasks

# 1) Documented Ecosystem Use Cases (from original Charter)

Proposed Deliverables / Targeted Output	Key Components	Primary Owner	Key Contributors	Timeline Targets	Where will it live?
<p><b>Documented Ecosystem Use Cases, including one of each of the following;</b></p> <ol style="list-style-type: none"> <li>1. <b>Core use cases</b> <ul style="list-style-type: none"> <li>• End point discovery</li> <li>• Security (Authentication and Authorizations)</li> <li>• Versioning</li> <li>• Patient and Provider Identification</li> </ul> </li> <li>2. <b>Request patient information</b></li> <li>3. <b>Documentation Templates and Rules Processing (replaced PA)</b></li> <li>4. <b>Event-Based Alerts</b></li> <li>5. <b>Quality / RAP reporting (push, pull, subscribe)</b></li> <li>6. <b>Push patient information group</b></li> <li>7. <b>Shared care planning (provider, provider, payer, ...)</b></li> <li>8. <b>Referrals / Consults</b></li> <li>9. <b>Orders (the team is not doing this)</b></li> <li>10. <b>Care team coordination</b></li> <li>11. <b>Scheduling</b></li> </ol>	<p>11 documented ecosystem use cases, each of which detailing;</p> <ul style="list-style-type: none"> <li>- specific requirements, assumptions,</li> <li>- in scope vs out of scope, variations and extensions,</li> <li>- primary actors, subscribers and sources, stakeholders and interests,</li> <li>- pre-post-failure end conditions,</li> <li>- triggers,</li> <li>- Special Requirements &amp; Considerations,</li> <li>- Issues,</li> <li>- Supporting Diagrams &amp; Flows, and</li> <li>- frequency.</li> </ul>	<p>Designated Ecosystem Tiger Team member that's been assigned to the Use Case</p>	<p>Chief Architects, all members of the other 6 tiger teams</p> <p>Review and sign off by Coordinating Committee members of the final drafts.</p>	<p>March 7<sup>th</sup>, 2019</p>	<p>(PRIMARY) FAST Main Landing Page</p> <p>Also referenced/linked to on the following;</p> <ul style="list-style-type: none"> <li>- ONC Website</li> <li>- Commonwell Main Landing Page?</li> <li>- Others TBD</li> </ul>

## 2) List of Technical Barriers

Proposed Deliverables / Targeted Output	Key Components	Primary Owner	Key Contributors	Timeline Targets	Where will it live?
<b>List of Technical Barriers</b> (from original Charter)	Identify and prioritize a list of broad-based architectural, technical or process barriers that are likely to curtail wide-scale FHIR deployment.	FAST Content Creator	Chief Architects, Tiger Team Co-Leads and members  Review and sign off first by Coordinating Committee members, and then second by the Executive Steering Committee members before finalizing drafts.	March 7 <sup>th</sup> , 2019 - Initial working DRAFT  End of April 2019 - Revised/final DRAFT	(PRIMARY) FAST Main Landing Page

### 3) List of Proposed Solutions to Technical Barriers

Proposed Deliverables / Targeted Output	Key Components	Primary Owner	Key Contributors	Timeline Targets	Where will it live?
<b>List of Proposed Solutions to Technical Barriers</b>	Accounting for both current state and optimal future state scenarios	FAST Content Creator	Chief Architects, Tiger Team Co-Leads and members  Review and sign off first by Coordinating Committee members, and then second by the Executive Steering Committee members before finalizing drafts.	End of May 2019 - Initial working DRAFT  End of July 2019 - Revised/final DRAFT	(PRIMARY) FAST Main Landing Page

# 4) Gap Assessment of Standards Required

Proposed Deliverables / Targeted Output	Key Components	Primary Owner	Key Contributors	Timeline Targets	Where will it live?
<b>Gap Assessment of Standards Required</b>	Accounting for both current state and optimal future state scenarios	Chief Architects and FAST Content Creator	<p>Tiger Team Leads and members, Coordinating Committee members, and Executive Steering Committee members</p> <p>Initial list proposed by Chief Architects, then share with Tiger Team Leads to review, discuss, validate, and add to with Tiger Team members</p> <p>Then, Tiger team leads would bring back to Chief Architects, who would then bring back to the Coordinating Committee, who would then bring to the Exec Committee for final edits/sign off.</p>	TBD	

# 5) List of Regulatory / Policy Barriers

Proposed Deliverables / Targeted Output	Key Components	Primary Owner	Key Contributors	Timeline Targets	Where will it live?
<b>List of Regulatory / Policy Barriers</b> <b>(from original Charter)</b>	Identify a list of barriers that need regulatory solutions and document same for consideration to regulatory process	FAST Content Creator	Chief Architects, Tiger Team Co-Leads and members  Review and sign off first by Coordinating Committee members, and then second b the Executive Steering Committee members before finalizing drafts.	March 7th, 2019 - Initial working DRAFT  End of April 2019 - Revised/Final DRAFT	(PRIMARY) FAST Main Landing Page



## 6) List of Proposed Solutions to Regulatory / Policy Barriers

Proposed Deliverables / Targeted Output	Key Components	Primary Owner	Key Contributors	Timeline Targets	Where will it live?
<b>List of Proposed Solutions to Regulatory / Policy Barriers</b>	Accounting for both current state and optimal future state scenarios	FAST Content Creator	Chief Architects, Tiger Team Co-Leads and members  Review and sign off first by Coordinating Committee members, and then second by the Executive Steering Committee members before finalizing drafts.	End of June 2019 - Initial working DRAFT  End of August 2019 - Revised/Final DRAFT	(PRIMARY) FAST Main Landing Page

# 7) Companion “Scalability Guides”

Proposed Deliverables / Targeted Output	Key Components	Primary Owner	Key Contributors	Timeline Targets	Where will it live?
Companion “Scalability Guides”	Documented scalability considerations to be packaged in a way similar to an implementation guide (potentially as a companion guide)	FAST Content Creator	Chief Architects, Coordinating Committee Members and Tiger Team Leads	TBD (October 2019?)	(PRIMARY) FAST Main Landing Page?  Also referenced/linked to on the following; <ul style="list-style-type: none"> <li>- HL7?</li> <li>- ONC and CMS Website</li> <li>- Commonwell Main Landing Page</li> <li>- Others TBD</li> </ul>

# 8) Public Technical Learning Community (TLC)

Proposed Deliverables / Targeted Output	Key Components	Primary Owner	Key Contributors	Timeline Targets	Where will it live?
<b>Public Technical Learning Community (TLC)</b>  <b>(from original Charter)</b>	Knowledge sharing vehicle to share, update and publish consensus best practice, and engage a broader community for widespread adoption; <ul style="list-style-type: none"> <li>- Transparent Confluence site</li> <li>- Public webinars</li> <li>- In-person / virtual meetings</li> </ul>	Diana Ciricean, ONC and FAST Communications Coordinator	Various FAST members and potentially representatives from other community led initiatives that relate to FAST work	Launched Q1 2019	(PRIMARY) FAST Main Landing Page  Also referenced/linked to on the following; <ul style="list-style-type: none"> <li>- ONC Website</li> <li>- Commonwell Main Landing Page</li> <li>- Others TBD</li> </ul>

# 9) Scalability Pilot Projects

Proposed Deliverables / Targeted Output	Key Components	Primary Owner	Key Contributors	Timeline Targets	Where will it live?
<b>Scalability Pilot Projects</b>  <b>(from original Charter)</b>	Conduct/coordinate/share demonstration projects (or projects) between EHR/HIE and payer end points that show value, will scale, and will not require fundamental new standards development. This is a major outcome we are looking for....demonstration examples.	The FAST Pilots Coordinator and the Co-Leads of the Pilots Tiger Team	Pilots Tiger Team members, Select coordinating committee members, and representatives from any organization (payers/providers ) participating in each of the pilots	Recruit participants by end of September 2019	(PRIMARY) FAST Main Landing Page  Also referenced/linked to on the following; <ul style="list-style-type: none"> <li>- ONC Website</li> <li>- Commonwell Main Landing Page</li> <li>- Others TBD</li> </ul>



## Thank you!

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