Report Date:	30 August 2024	Program Status:	Green
Report Period:	August 2024	Program Phase:	Operations

Sparked

HL7® FHIR®
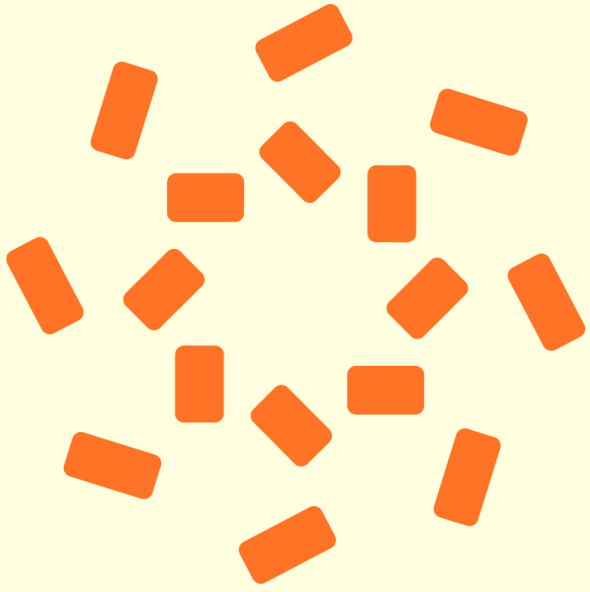
Purpose	Program Status Report
Audience	Community

Sparked Dashboard — August 2024 — Operations Phase — Overall Status 🟢

Clinical Design Group
623 Members
Meets Monthly
~60 Regular attendees

AU Core Technical Design Group
547 Members
Meets Fortnightly
~60 Regular attendees

AU eRequesting Technical Design Group
462 Members
Meets Weekly
~60 Regular attendees

Sparked Followers
in 1,334
+129 in last 30 days

+110
Feedback items
AUeReqDI R1 Draft for Comment

128 attendees
Sparked August Webinar

Sparked Subscribers
826

87
Founding members
and growing

+54
New founding members
in 2 weeks

August
- **Aug 1** — AU Core Testing Event, Melbourne ✓
- **Aug 4** — HIC Sparked Workshop, Brisbane ✓
- **Aug 13** — CDG Online ✓
- **Aug 20-22** — HL7 Au Connectathon, Brisbane ✓
- **Aug 28** — Sparked Webinar — 128 participants ✓

September
- **Sept 11-12** — Sparked Co-Design Workshops, Brisbane

October
- **Oct 2** — Sparked Webinar
- **Oct 15** — Sparked CDG Online

November
- **Nov 7-8** — Digital Health Summit, Perth
- **Nov 19** — Sparked Leadership evening, Melbourne
- **Nov 20** — Sparked CDG F2F, Melbourne
- **Nov 21** — Sparked TDG F2F, Melbourne

open
collaborative
transparent
consensus-driven

Sparked Summary Status

Status Summary

Overall Health

The Sparked program is making significant strides across all its workstreams, with active delivery continuing on multiple fronts. In August, we initiated the Ballot processes for the AU Core FHIR Implementation Guide (Working Standard), AU Base FHIR Implementation Guide (Working Standard), and AU eRequesting FHIR Implementation Guide (For Comment). These Ballot processes will run through early September. The Technical Design Groups (TDGs) Co-Chairs have begun reviewing the feedback received during the Ballot period and are proposing dispositions for TDG members to vote on. Additionally, the Sparked team participated in the HL7AU Connectathon held in Brisbane. We contributed to the HL7AU Working Group sessions, and led AU Core and AU eRequesting tracks, along with TDG meetings for both streams. During the same period, comments on the AU eRequesting Diagnostic Imaging (AUeReqDI) guide are being reviewed and triaged by the Clinical Design Group (CDG), with the goal of publishing the finalised guide in October. Work is also ongoing to address the backlog for AUCDI Release 2 (R2), including the consideration of additional use cases and requirements related to Chronic Disease Management, Reason for Encounter, and Patient Summary. To foster industry engagement, the Sparked team hosted a webinar on FHIR infrastructure in late August, where industry experts shared their experiences. Finally, preparations are underway for the next Face-to-Face (F2F) event for Sparked, scheduled to take place in Brisbane in mid-September. This event will focus on Clinical Terminology and the requirements for AUCDI R2.

Green

Decisions Requested

NIL

Milestone Summary

Milestone	Status
AU Core Testing Events: July-August	Green
AU Core FHIR IG R1 Draft for Ballot: August	Green
Participation in HL7AU Connectathon: August	Green

Schedule	Risks	Issues	Resources	Budget
Green	Green	Green	Green	Green

Red	Off Track, under active management, potentially impacting overall delivery	Amber	Off Track, under active management, not impacting overall delivery	Green	On Track.	Grey	Not due to commence

Program Engagement Status

Completed

August

Stakeholder Engagement
- AU Core Testing meetings
- Clinical Colleges meetings

Events
- 1 August - Sparked AU eRequesting TDG Online
- 1 August – Sparked AU Core Testing Event Melbourne
- 4 August – HIC Sparked Workshop
- 6 August - Sparked AU eRequesting TDG Online
- 8 August - Sparked AU Core TDG Online
- 15 August - Sparked AU eRequesting TDG Online
- 20 August - Sparked AU eRequesting TDG Online + Sparked AU Core TDG Online
- 28 August – Sparked Webinar
- 29 August - Sparked AU eRequesting TDG Online

Communications
- Program Status Update

Planned

September

Stakeholder Engagement
- Clinical Colleges meetings

Events
- 3 September – Sparked AU eRequesting TDG Online
- 5 September - Sparked AU Core TDG Online Ballot Reconciliation
- 11-12 September – Sparked F2F Brisbane
- 12 September - Sparked AU eRequesting TDG Online
- 17 September - Sparked AU eRequesting TDG Online
- 19 September - Sparked AU Core TDG Online Ballot Reconciliation
- 26 September - Sparked AU eRequesting TDG Online

Communications
- Program Status Update

Planned

October

Stakeholder Engagement
- Clinical Colleges meetings

Events
- 1 October – Sparked AU eRequesting TDG Online
- 3 October – Sparked AU Core TDG Online Ballot Reconciliation
- 10 October - Sparked AU eRequesting TDG Online
- 15 October – Sparked AU eRequesting TDG Online
- 17 October - Sparked AU Core TDG Online Ballot Reconciliation
- 24 October - Sparked AU eRequesting TDG Online
- 29 October - Sparked AU eRequesting TDG Online
- 31 October – Sparked AU Core TDG Ballot Reconciliation

Communications
- Program Status Update

Sparked
HL7 FHIR

Product Status: AU Core FHIR Implementation Guide

Product Definition

AU Core sets the minimum expectations on FHIR resources to support conformance and implementation in systems for core clinical and administrative information.

Product Phase

Development

Overall Product Status

Schedule	Risks	Issue
Green	Green	Green

Dependencies

Dependency	Due Date	Status
AU Base FHIR IG (4.x) Published HL7	Feb 2025	NA
AUCDI R1 Published	Jun 2024	NA

Milestone Status

Milestone	Due Date	Status
AU Core FHIR IG R1 Development phase complete	8/03/24	Complete
AU Core FHIR IG R1 Testing and Piloting of FHIR Standards phase complete	30/8/24	Complete
AU Core FHIR IG R1 Ballot STU phase complete	18/10/24	NA
AU Core FHIR IG R1 Ballot Resolution phase complete	29/11/24	NA
AU Core FHIR IG R1 Published	15/12/24 TBC	NA
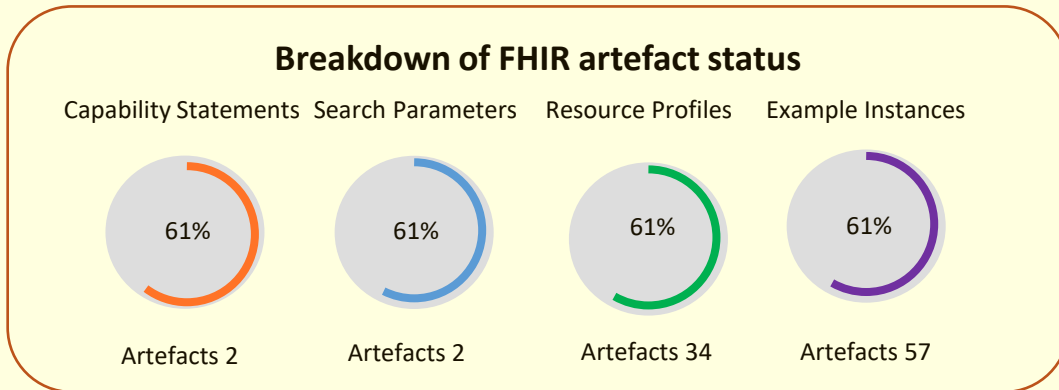
Deliverable Status

Deliverable	Due Date	Status
AU Core FHIR IG R1 Draft for Comment Ballot HL7	08/03/24	Complete
AU Core FHIR IG R1 Draft for Testing and Piloting of FHIR Standards	08/03/24	Complete
AU Core FHIR IG R1 Draft for Ballot HL7	5/8/24	Complete
AU Core FHIR IG R1 Published HL7	Jan 2025 TBC	NA

Breakdown of FHIR artefact status

Capability Statements	Search Parameters	Resource Profiles	Example Instances
61%	61%	61%	61%
Artefacts 2	Artefacts 2	Artefacts 34	Artefacts 57

HL7.FHIR.AU.CORE\Artifacts Summary - FHIR v4.0.1

NA: Not yet due to commence

Product Status: AU Core Data for Interoperability

Product Definition

Published data sets to be used as part of the AU Core FHIR standard for implementation across Australia spanning multiple use cases.
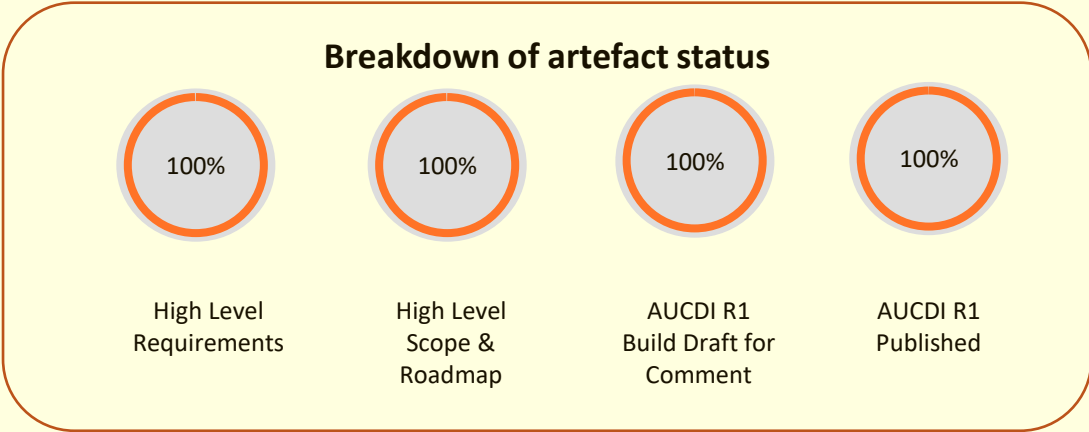
Product Phase

Development

Overall Product Status

Schedule	Risks	Issue
Green	Green	Green

Dependencies

Dependency	Due Date	Status
NA		NA

Breakdown of artefact status

100%	100%	100%	100%
High Level Requirements	High Level Scope & Roadmap	AUCDI R1 Build Draft for Comment	AUCDI R1 Published

Milestones Status

Milestone	Due Date	Status
High level requirements phase AUCDI complete	30/10/23	Complete
High level scope & roadmap phase AUCDI complete	30/10/23	Complete
AUCDI R1 Draft for Comment build phase complete	30/1/24	Complete
AUCDI R1 Draft for Comment phase close	8/3/24	Complete
AUCDI R1 Draft for Comment Publication phase complete	30/5/24	Complete
AUCDI R1 Published	Jun 2024	Complete

Deliverable Status

Deliverable	Due Date	Status
High Level Scope & Roadmap AUCDI R1	30/10/23	Complete
AUCDI R1 Draft for comment	6/2/24	Complete
AUCDI R1 Published	25/6/24	Complete
AUCDI R2 Draft for comment	Jan 2025	NA
AUCDI R2 Published	Jun 2025	NA

NA: Not yet due to commence

Sparked
HL7 FHIR

Product Status: AU eRequesting FHIR Implementation Guide

Product Definition

AU eRequesting sets the minimum expectations on FHIR resources to support conformance and implementation in systems for clinical service requesting.

Dependencies

Dependency	Due Date	Status
AUCDI R1 Published	Jun 2024	Complete
AU eRequesting Data for Interoperability (AUeReqDI) R1	Sep 2024	Green
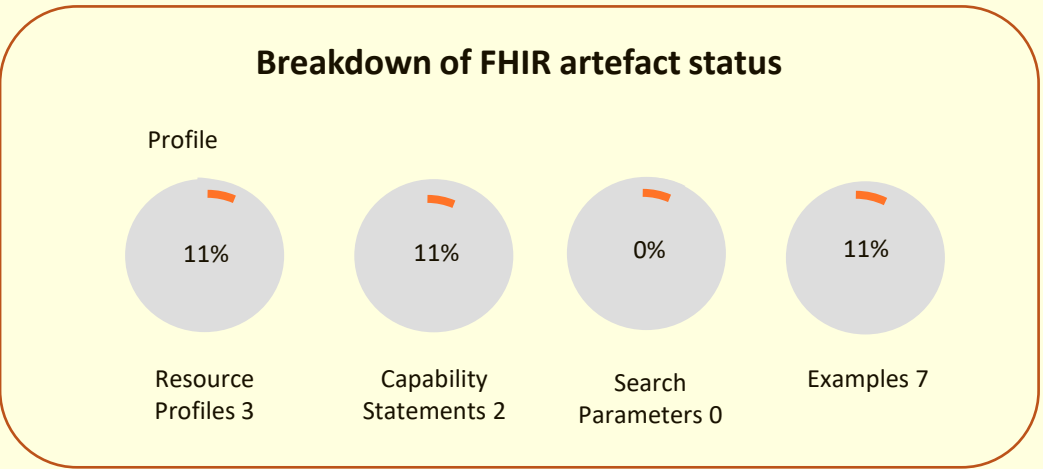
Breakdown of FHIR artefact status

Profile

11%	11%	0%	11%
Resource Profiles 3	Capability Statements 2	Search Parameters 0	Examples 7

https://build.fhir.org/ig/hl7au/draft-diagnostic-orders/branches/master/artifacts.html

Product Phase

Development

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Milestone Status

Milestone	Due Date	Status
AU eRequesting FHIR IG R1 Development phase complete	5/8/24	Complete
AU eRequesting FHIR IG R1 Testing and Piloting of FHIR Standards phase complete	30/1/25	NA
AU eRequesting FHIR IG R1 Ballot phase complete	23/3/25	NA
AU eRequesting FHIR IG R1 Ballot Resolution phase complete	23/5/25	NA
AU eRequesting FHIR IG R1 Published	Late Jun 2025	NA

Deliverable Status

Deliverable	Due Date	Status
AU eRequesting FHIR IG R1 Draft for Testing and Piloting of FHIR Standards	5/8/24	Complete
AU eRequesting FHIR IG R1 Draft for Ballot HL7	17/2/25	NA
AU eRequesting FHIR IG R1 Published HL7	Late Jun 2025	NA

NA: Not yet due to commence

Sparked
HL7 FHIR

Product Status: AU e-Requesting Data for Interoperability

Product Definition

Published data sets to be used as part of the AU eRequesting FHIR standard to be used in eRequesting for implementation across Australia.

Product Phase

Development

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

Dependency	Due Date	Status
AUCDI R1 Published	Jun 2024	Complete

Breakdown of artefact status

100%	100%	100%	100%
High Level Requirements	High Level Scope & Roadmap	AUeReqDI R1 Build Draft for Comment	AUeReqDI R1 Draft for Comment Published

Milestones Status

Milestone	Due Date	Status
High level requirements phase AUeReqDI R1 complete	30/12/23	Complete
High level scope & roadmap phase AUeReqDI R1 complete	29/02/24	Complete
AUeReqDI R1 Draft for Comment build phase complete	15/5/24	Complete
AUeReqDI R1 Draft for Comment phase complete	30/7/24	Complete
Review AUeReqDI R1 phase complete	Aug 2024	Complete
AUeReqDI R1 Published	Oct 2024	NA
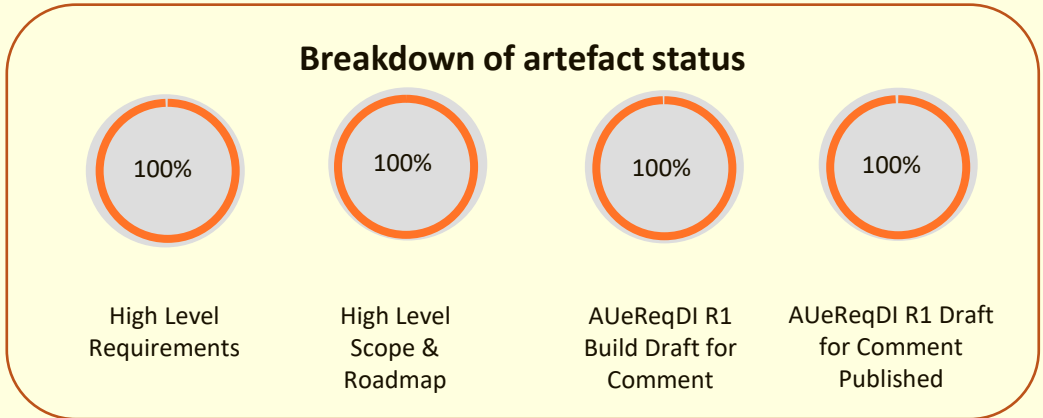
Deliverable Status

Deliverable	Due Date	Status
High level scope & roadmap AUeReqDI R1	Jan 2024	Complete
AUeReqDI R1 Draft for Comment	15/5/24	Complete
AUeReqDI R1 Published	Oct 2024	NA

NA: Not yet due to commence

Product Status: Pathology Request ValueSet/s

Product Definition

Published SNOMED CT ValueSet/s to support the standardised, electronic requesting of Pathology tests guided by the professional peak body, Royal College of Pathologists of Australasia (RCPA) for implementing across Australia.

Dependencies

NA

Breakdown of artefact status

RCPA - SPIA Requesting Pathology Terminology Reference Set

953

Concepts
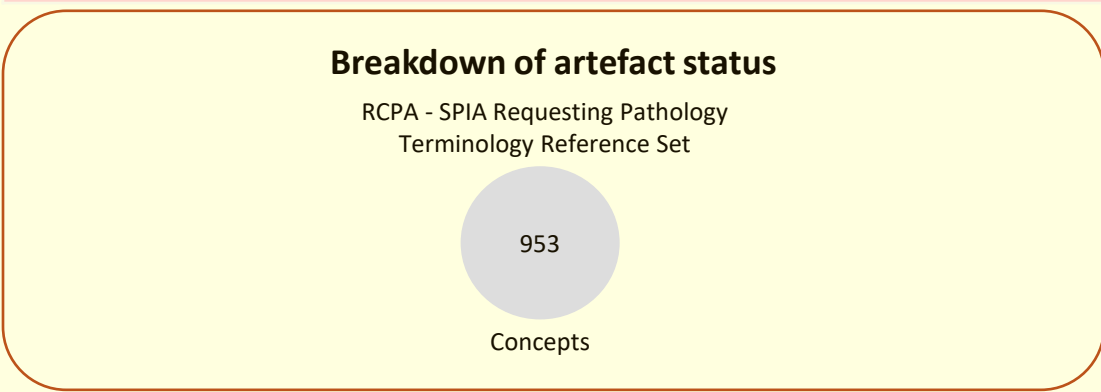
[National Clinical Terminology Service - National Clinical Terminology Service (healthterminologies.gov.au)](http://healthterminologies.gov.au)

Product Phase

Development

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Milestone Status

Milestone	Due Date	Status
RCPA / CSIRO Product development procedure (Project Brief) complete	30/11/23	Complete
Pathology ValueSet/s Gap Analysis complete	15/12/23	Complete
Ways of working with RCPA complete	30/3/24	Complete

Deliverable Status

| Deliverable	Due Date	Status
Release 1 (R1) - SNOMED CT ValueSet/s	20/11/23	Complete
R2 - SNOMED CT ValueSet/s	30/6/24	Complete
R3 - SNOMED CT ValueSet/s	30/9/24	Green

NA: Not yet due to commence

Product Status: Radiology Referral ValueSet/s

Product Definition

Published SNOMED CT ValueSet/s to support the standardised, electronic requesting of Radiology procedures guided by the professional peak body, Australia New Zealand College of Radiology (RANZCR) for implementing across Australia.

Dependencies

NA

Breakdown of artefact status

RANZCR Radiology
Referral ValueSet

513

Concepts
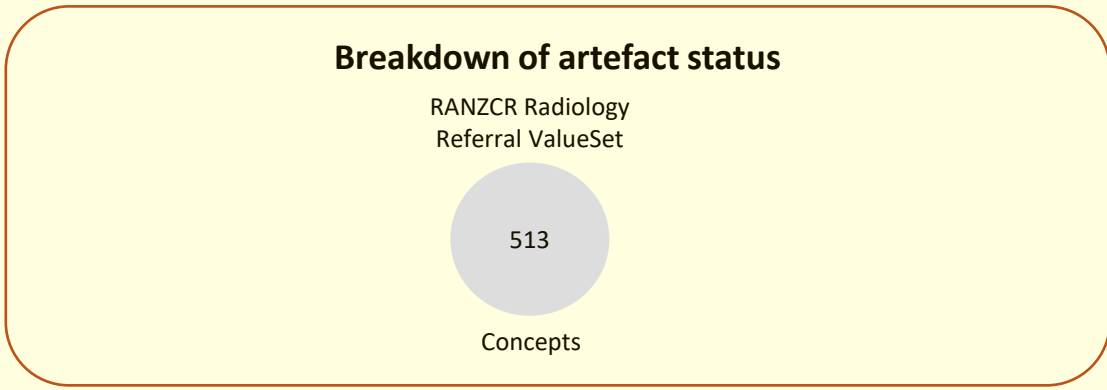
RANZCR Radiology Referral - AU eRequesting Implementation Guide v0.1.0-ci-build (fhir.org)

Product Phase

Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Milestone Status

Milestone	Due Date	Status
RANZCR / CSIRO Product development procedures (Project Brief)	30/11/23	Complete
Draft Target Operating Model	15/12/23	Complete
Ways of working with RANZCR	30/3/24	Complete

Deliverable Status

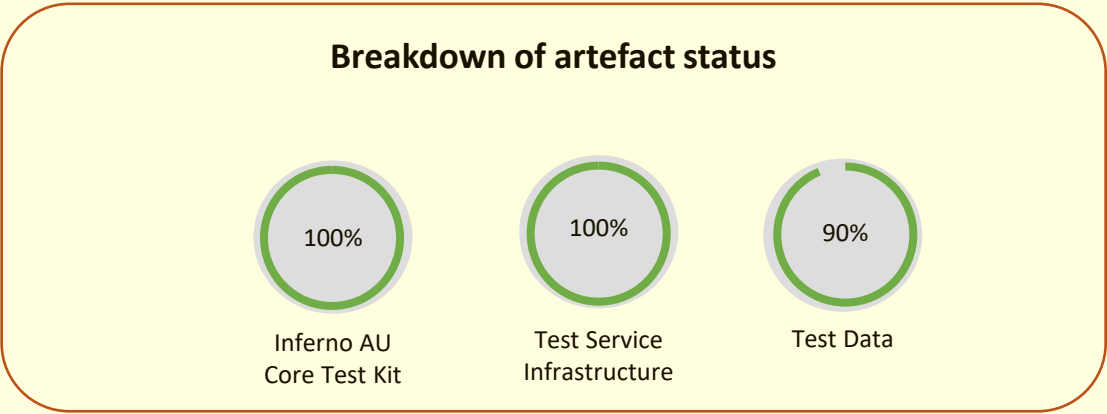| Deliverable	Due Date	Status
Release 1 (R1) - SNOMED CT ValueSet/s candidate	30/3/24	Complete
R2 - SNOMED CT ValueSet/s candidate	30/7/24	Green
R3 - SNOMED CT ValueSet/s candidate	30/11/24	NA
R4 - SNOMED CT ValueSet/s candidate	30/3/25	NA
R5 – SNOMED CT ValueSet/s Final	30/6/25	NA

NA: Not yet due to commence

Sparked
HL7 FHIR

Product Status: AU Core Testing Service

Product Definition

Publicly available tools that test systems for their capability to conform to the AU Core Implementation Guide.

Product Phase

Pre-Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

Dependency	Due Date	Status
AU Core FHIR IG R1 Published	Jan 2025	NA

Breakdown of artefact status

Inferno AU Core Test Kit — 100%

Test Service Infrastructure — 100%

Test Data — 90%

Milestone Status

Milestone	Due Date	Status
AU Core R1 Test Service Requirements	Feb 2024	Complete
AU Core R1 Gap Analysis Infrastructure	Feb 2024	Complete
AU Core Test R1 Service Architecture	Feb 2024	Complete
AU Core R1 Test Service complete	Feb 2025	Green

Deliverable Status

Deliverable	Due Date	Status
AU Core R1 Test Suite First Release	30/3/24	Complete
AU Core R1 Data First Release	30/3/24	Complete

NA: Not yet due to commence
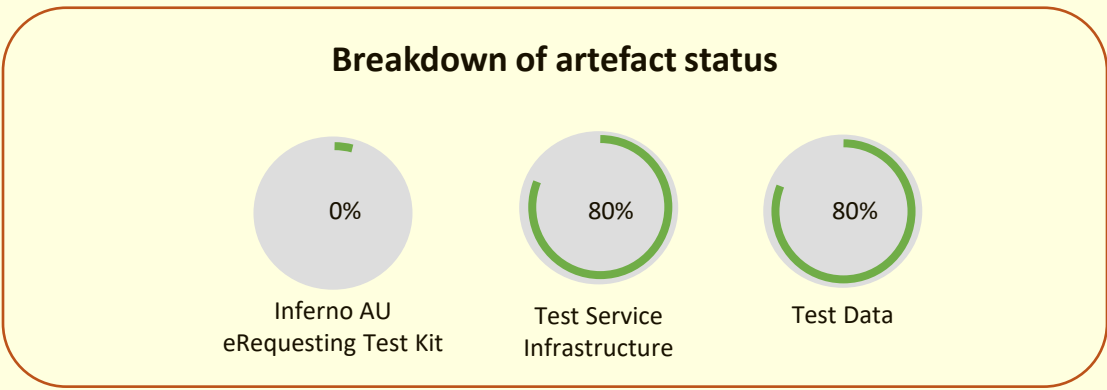
Product Status: AU eRequesting Testing Service

Product Definition

Publicly available tools that test systems for their capability to conform to the AU eRequesting Implementation Guide.

Product Phase

Pre-Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

Dependency	Due Date	Status
AU eRequesting FHIR IG R1 Published	Late Jun 2025	NA

Breakdown of artefact status

0% — Inferno AU eRequesting Test Kit

80% — Test Service Infrastructure

80% — Test Data

Milestone Status

Milestone	Due Date	Status
AU eRequesting R1 Test Service Requirements	30/5/24	Complete
AU eRequesting R1 Gap Analysis Infrastructure	30/6/24	Complete
AU eRequesting Test R1 Service Architecture	31/10/24	Green
AU eRequesting R1 Test Service complete	Late June 2025	NA

Deliverable Status

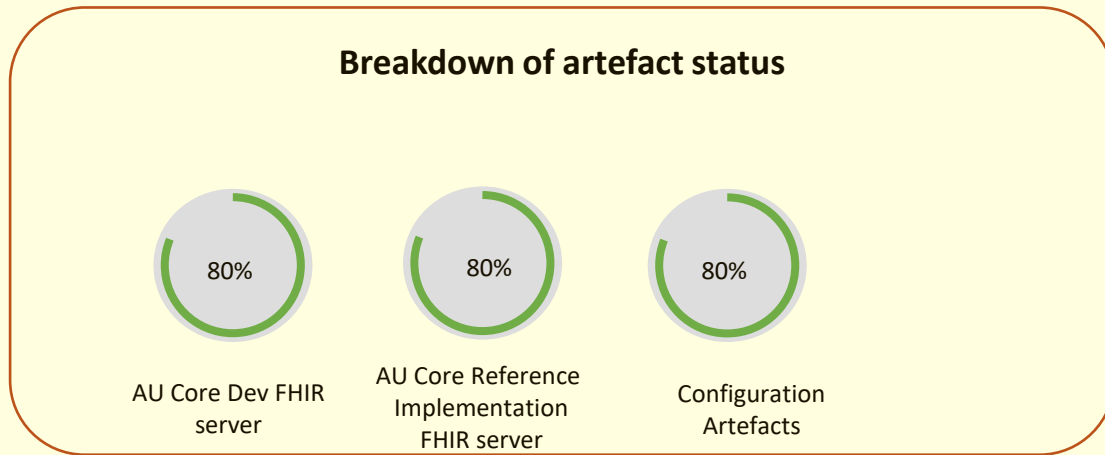| Deliverable	Due Date	Status
AU eRequesting R1 Test Suite First Release	30/8/24	Green
AU eRequesting R1 Data First Release	30/8/24	Green

NA: Not yet due to commence

Product Status: AU Core Reference Implementation

Product Definition

Reference implementations assist implementers to adopt the AU Core FHIR IG through:
- Provide a starting point for developers that allows them to decide how to represent AU Core FHIR objects and behaviour within their environment.
- Provide a means for practical testing at Connectathons and through testing and piloting before the FHIR IGs are finalised.

Breakdown of artefact status

80%
AU Core Dev FHIR server

80%
AU Core Reference Implementation FHIR server

80%
Configuration Artefacts

Dependencies

Dependency	Due Date	Status
Smile Licenses and Telstra Health Professional Services Agreements	August	Green

Product Phase

Pre-Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Milestone Status

Milestone	Due Date	Status
AU Core R1 Reference Implementation Requirements	May 2024	Complete
AU Core R1 Gap Analysis Infrastructure	May 2024	Complete
AU Core R1 Reference Implementation Architecture	Feb 2024	Complete
AU Core Dev FHIR server	June 2024	Complete
AU Core R1 Reference Implementation complete	Jan 2025	NA

Deliverable Status

Deliverable	Due Date	Status
AU Core R1 Reference Implementation	Jan 2025	NA

NA: Not yet due to commence

Sparked
HL7 FHIR

Product Status: AU eRequesting Reference Implementation

Product Definition

Reference implementations assist implementers to adopt the AU eRequesting FHIR IG through:
- Provide a starting point for developers that allows them to decide how to represent AU Requesting FHIR objects and behaviour within their environment.
- Provide a means for practical testing at Connectathons and through testing and piloting before the FHIR IGs are finalised.

Breakdown of artefact status

80%
AU eRequesting Dev FHIR server

0%
AU eRequesting Reference Implementation FHIR server

20%
Configuration Aretfacts

Dependencies

Dependency	Due Date	Status
Smile Licenses and Telstra Health Professional Services Agreements	August	Green

Product Phase

Pre-Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Milestone Status

Milestone	Due Date	Status
AU eRequesting R1 Reference Implementation Requirements	Oct 2024	Green
AU eRequesting R1 Gap Analysis Infrastructure	Nov 2024	Green
AU eRequesting R1 Reference Implementation Architecture	Dec 2024	Green
Au eRequesting Dev FHIR Server	Aug 2024	Green
AU eRequesting R1 Reference Implementation complete	June 2025	NA

Deliverable Status

Deliverable	Due Date	Status
AU eRequesting R1 Reference Implementation	June 2025	NA

NA: Not yet due to commence

14

Product Status: Program Evaluation

Product Definition

An internal evaluation of the program effectiveness as well as enablers and barriers to implementation. Publications containing a guide that provides detailed information about the program components and supporting processes, approach, changes made, and lessons learnt.

Breakdown of artefact status

80%	30%	30%	0%
Data Collection	Enhancement Action Plan	Survey Development	Final Report
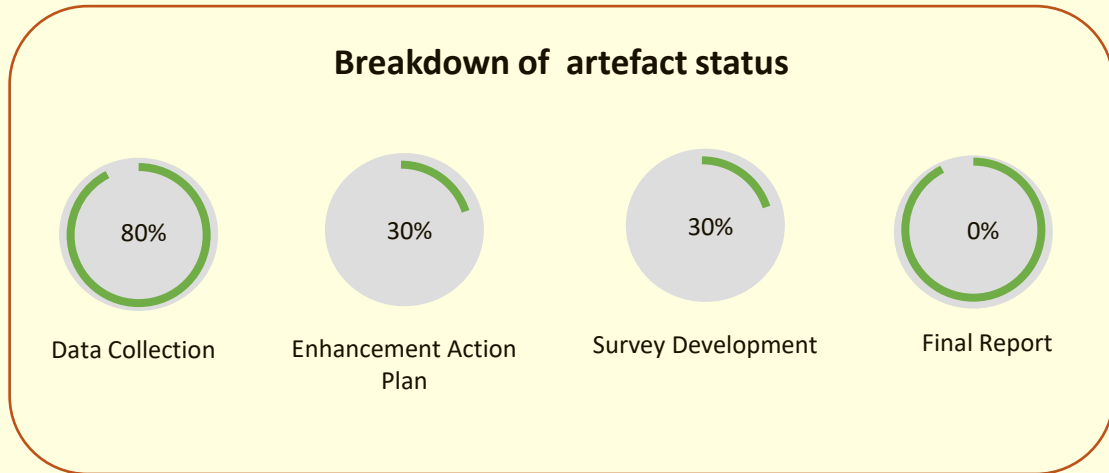
Updates

CSIRO Evaluation implementation enhancement plan in development

CSIRO Evaluation sentiment survey under development and to be distributed to the Sparked community after the September workshop

Continued DOHAC/Voronoi alignment with CSIRO on progressing a unified approach to evaluation

Product Phase

Formation

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Milestone Status

Milestone	Due Date	Status
Baseline Data Collection	Jan 2024	Complete
Presentation of Plan and Prelim Results	May 2024	Complete
Sentiment Survey Distribution	Sept 2024	Green
Journal publication	Late 2024	In progress
Post Improvement Analysis	Nov 2024	NA

Deliverable Status

Deliverable	Due Date	Status
Data Analysis and Synthesis	Apr 2024	Complete
Enhancement Plan Workshop	May 2024	Complete
Enhancement Action Plan	Nov 2024	Green
Final Report	Dec 2025	NA

NA: Not yet due to commence

Sparked
HL7 FHIR

15

Product Status: Australian FHIR Management Framework (AFMF)

Product Definition

The AFMF will enable Australia to adopt FHIR standards and build a strong FHIR community to achieve interoperability. It will consist of an Australian FHIR Community Process governed by an Australian FHIR Coordination Committee.

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Breakdown of artefact status

Secretariat role established	AFCC Chair appointed	AFCC established	AFCP policies and processes drafted	Balloting processes in place
100%	100%	100%	98%	100%

FY23_2024 Annual Report Completed	Publication of Balloted HL7 AU FHIR Specification 1	Publication of Balloted HL7 AU FHIR Specification 2	FY24_25 Annual Report Completed
100%	0%	0%	0%
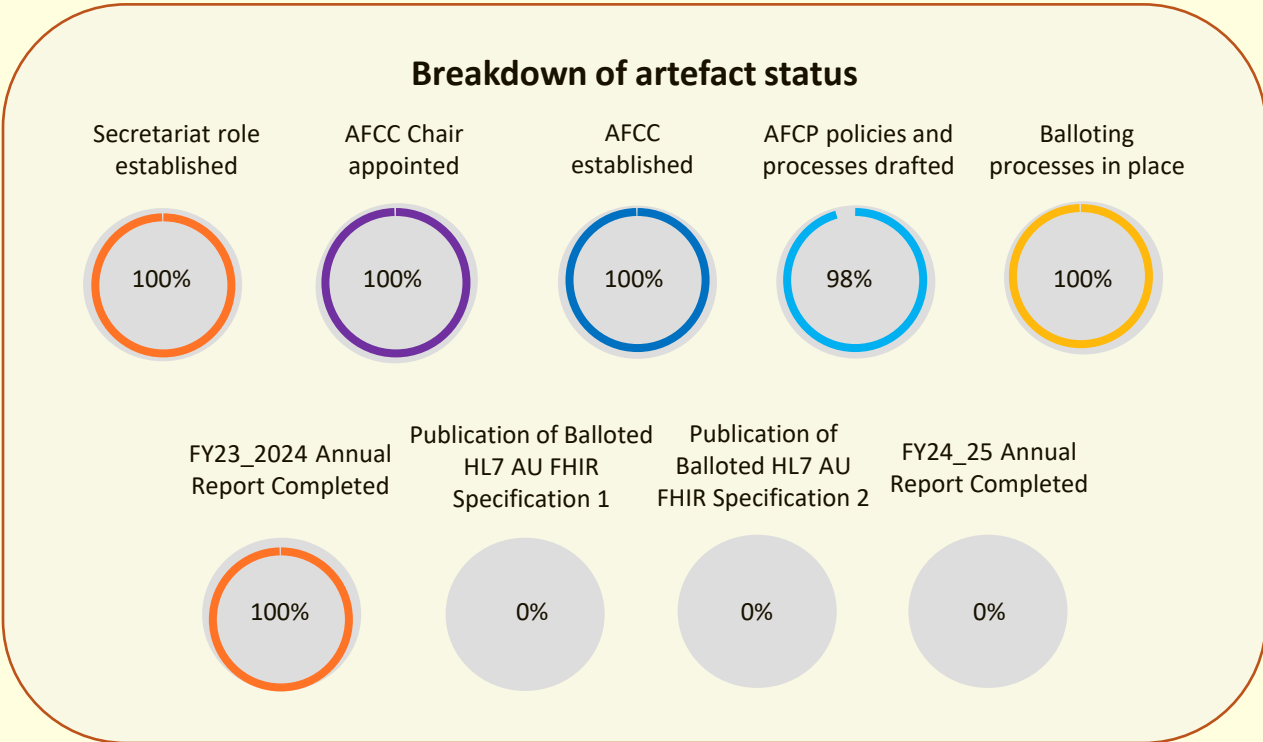
Milestone Status

Milestone	Due Date	Status
Published AFMF	10/08/23	Complete
AFCC established	31/12/23	Complete
Publication of 2 x Balloted HL7 AU FHIR specifications	May 2025	NA

NA: Not yet due to commence