Report Date:	26 March 2024	Program Status:	Green
Report Period:	March 2024	Program Phase:	Operations

Sparked

HL7 FHIR
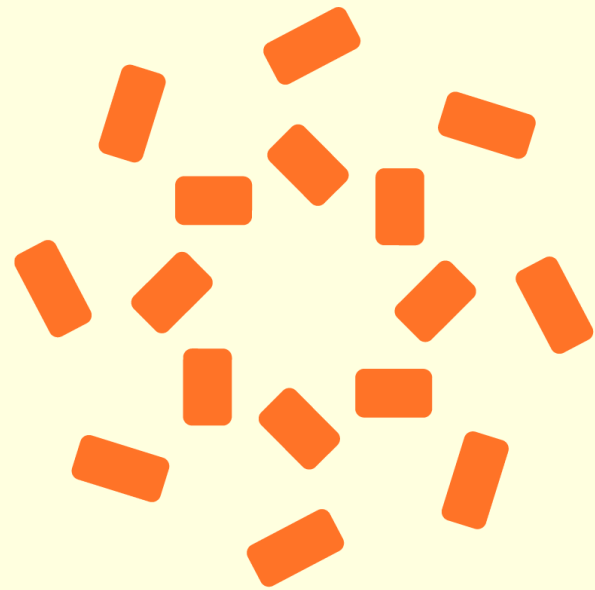
Purpose	Program Status Report
Audience	Community

Community

19 Founding Members

Sparked Clinical Design Group

Membership:
368 registered – +59 people this month

Meetings - Monthly

Sparked AU Core Technical Design Group

Membership:
397 registered – +55 people this month

Meetings - Fortnightly

Sparked AU eRequesting Technical Design Group
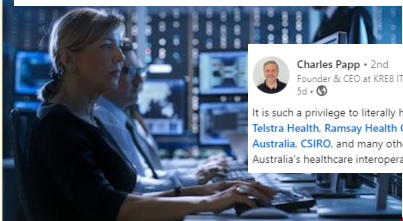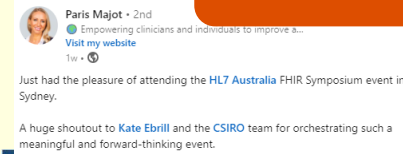
Membership:
297 registered +48 people this month

Meetings - Fortnightly

Sparked HL7 FHIR

Sparked AU Page Created 20/2/2024

Total Followers: **663**
New followers in last 30 days: **199**
Number of countries following: **33**
Post impressions: **7,751**

‼ +56 new members within 3 mins of ITAC conference ‼

Paris Majot • 2nd
Empowering clinicians and individuals to improve a...
Visit my website
1w • 🌐

Just had the pleasure of attending the HL7 Australia FHIR Symposium event in Sydney.

A huge shoutout to Kate Ebrill and the CSIRO team for orchestrating such a meaningful and forward-thinking event.

Charles Papp • 2nd   + Follow ···
Founder & CEO at KRE8 IT | Digital Health | Interoperabi...
5d • 🌐

It is such a privilege to literally have a seat at the table, with representatives from Telstra Health, Ramsay Health Care, Epic, MediRecords, Beda Software, HL7 Australia, CSIRO, and many others who are making history by designing Australia's healthcare interoperability standard. 🙌

Sparked marks progress with core data for interoperability open for comment - Pulse+IT
www.pulseit.news • 1 min read

on 31st March 2024

HL7 AU Core Ballot Annoucement VOTE

HL7 AU

Vote Now Members! HL7 Australia Core Ballot is open till 31st March
hl7.org.au • 1 min read

March

HL7 AU Connectathon 20-22 March

Symposium: 86 AU, 80 NZ, Online 43 approx.
Day 1 & 2: 60 attendees

ITAC Presentation 26 March

Sparked contributing to interoperability

TDG & CDG Meetings

Fortnightly & Weekly

April

TDG & CDG Meetings

Fortnightly & Weekly

AUCDI for Public Comment

50+ Responses

1,991 AUCDI Page visits

515 Intro Video visits

May

Sparked TDG & CDG F2F (Sydney) 15 May

100 places

AU Core Draft for Comment R1 Ballot Resolution (Sydney) 16 May

100 places + online

Sparked Webinar 22 May

Updates on Sparked Program

TDG & CDG Meetings

Fortnightly & Weekly

June

Sparked Webinar 26 June

Updates on Sparked Program
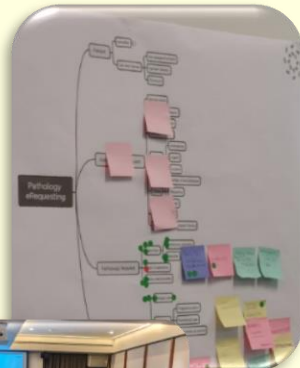
Sparked AU Core Validation Piloting Events

TBD June

Sparked Summary Status

Report Date:	26 March 2024
Report Period:	March 2024

Program Status:	Green
Program Phase:	Operations

Status Summary	Overall Health
The Sparked Program's Operations Phase is progressing well, with the recent HL7 AU/NZ Symposium and Connectathon events in March enhancing connectivity and collaboration among organisations. The Draft for Community Comment on the AU Core Data for Interoperability R1 has received a spirited response, with over 50 contributions now under review. Development efforts continue on the AU eRequesting Data for Interoperability, with the Clinical Data Group engaging effectively through online and in-person forums. Continuous progress is being made in the Pathology and Radiology Referral ValueSet/s with a focus on completing Ways of Working. Regular meetings of the Sparked AU Core and AU eRequesting Technical Development Groups ensure sustained development. As the ballot period for the AU Core Draft for Comment R1 Ballot phase concludes in early April, our attention is pivoting to the feedback review process. Infrastructure to support the Validation Piloting of the AU Core is being actively developed, with testing resources available in Inferno. Looking forward, our focus will be on resolving feedback from the AU Core Ballot, executing validation pilots, pushing forward with AUeReqDI development, and organising the May face-to-face meetings	**Green**

Decisions Requested

NIL

Milestone Summary

Milestone	Status
AU Core FHIR IG R1 Draft for Comment Ballot phase complete: 5 April 2024	Green
AUCDI R1 Publication preparation phase complete: 31 May 2024	Green
AU Core FHIR IG R1 Ballot resolution period complete: 31 May 2024	Green

Schedule	Risks	Issues	Resources	Budget
Green	Green	Green	Green	Green

Program Engagement Status

Completed

March

Stakeholder Engagement
- 19 Mar – Introduction to AU Core

Events
- 1 Mar – Sparked AU Core R1 Scope Online
- 7 Mar – Sparked AU Core TDG Online
- 8 Mar – Sparked AU Core Connectathon Planning
- 14 Mar – Sparked AU eRequesting TDG Online
- 19 Mar - Sparked CDG Online
- 19 Mar – Introduction to AU Core Online
- 20-22 Mar – HL7 AU Connectathon & Symposium (SYD)
- 26 Mar - ITAC Conference presentation
- 28 Mar - Sparked AU eRequesting TDG Online

Communications
- 11 Mar – AU Core FHIR IG R1 Draft for Comment Ballot Communications
- Program Status Update

Planned

April

Stakeholder Engagement
- 16 Apr - Introduction to AU Core
- Validation Pilots Community meetings

Events
- 4 Apr - Sparked AU Core TDG Online
- 5 April – AU Core Conformance & Must Support Online
- 11 Apr – Sparked AU eRequesting TDG Online
- 12 April – AU Core Conformance & Must Support Online
- 17 April – Sparked CDG OOS: Sex and AU eRequesting
- 18 Apr - Sparked AU Core TDG Online
- 19 April – AU Core Conformance & Must Support Online
- TBD Apr - Sparked AU eRequesting TDG Online
- 26 April – AU Core Conformance & Must Support Online
- 23 Apr - Sparked CDG Online

Communications
- Program Status Update

Planned

May

Stakeholder Engagement
- 22 May – Sparked Webinar
- Validation Pilots Community meetings

Events
- 2 May – Sparked AU Core TDG Online
- 7 May – Digital Health Festival
- 9 May – Sparked AU eRequesting TDG Online
- 15 May - Sparked CDG & TDG F2F
- 16 May – Sparked AU Core FHIR IG R1Ballot Resolution
- 23 May – Sparked AU eRequesting TDG Online
- 30 May - Sparked AU Core TDG Online

Communications
- Program Status Update

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 Validation Pilot phase complete	Aug 2024	NA
AU Core FHIR IG R1 Ballot STU phase complete	Oct 2024	NA
AU Core FHIR IG R1 Ballot Resolution phase complete	Dec 2024	NA
AU Core FHIR IG R1 Published	Feb 2025	NA
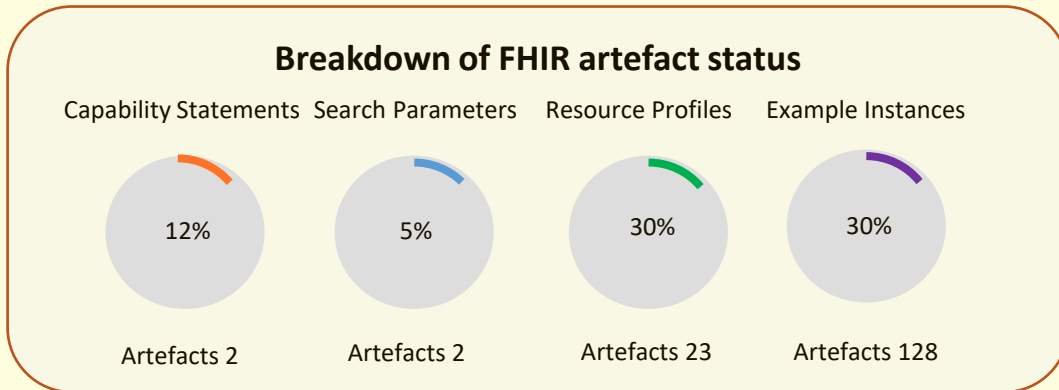
Deliverable Status

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 Validation Pilot	08/03/24	Complete
AU Core FHIR IG R1 Draft for Ballot HL7	Aug 2024	NA
AU Core FHIR IG R1 Published HL7	Feb 2025 TBC	NA

Breakdown of FHIR artefact status

Capability Statements	Search Parameters	Resource Profiles	Example Instances
12%	5%	30%	30%
Artefacts 2	Artefacts 2	Artefacts 23	Artefacts 128

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

NA: Not yet due to commence

Sparked HL7 FHIR

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

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	NA
AUCDI R1 Published	Jun 2024	NA
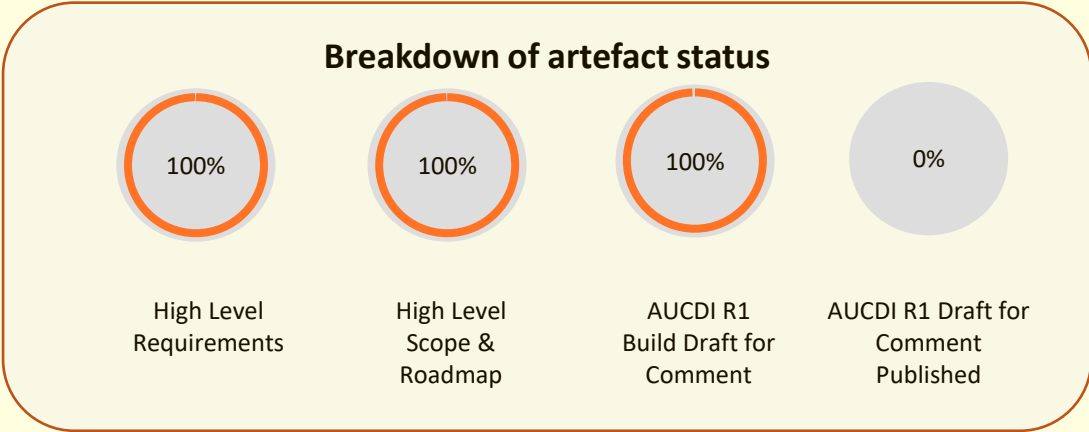
Deliverable Status

Deliverable	Due Date	Status
High Level Scope & Roadmap AUCDI R1	30/10/23	Complete
AUCDI R1 Draft for comment	6/2/24	Green
AUCDI R1 Published	Jun 2024	NA
AUCDI R2 Draft for comment	Jan 2025	NA
AUCDI R2 Published	Jun 2025	NA

Breakdown of artefact status

100%	100%	100%	0%
High Level Requirements	High Level Scope & Roadmap	AUCDI R1 Build Draft for Comment	AUCDI R1 Draft for Comment Published

NA: Not yet due to commence

Product Status: AU eRequesting FHIR Implementation Guide
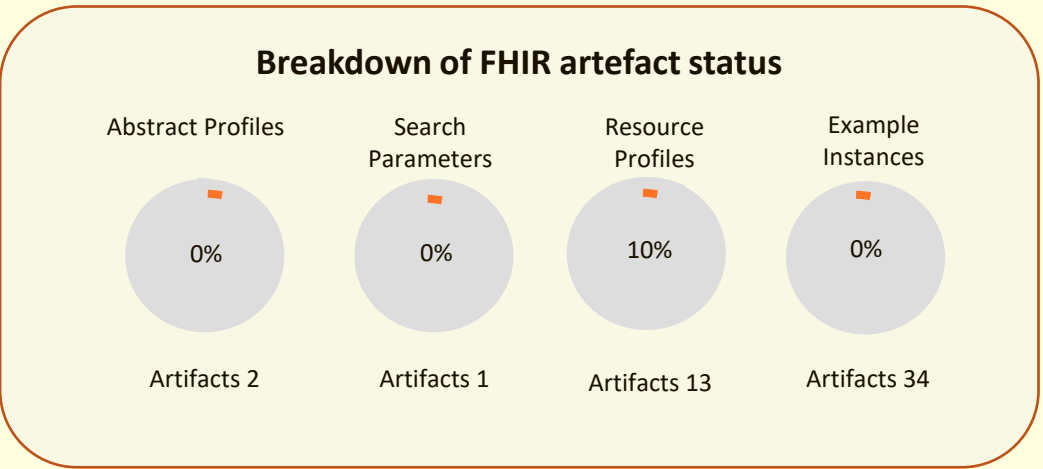
Report Date:	26 March 2024
Report Period:	March 2024

Product Definition

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

Product Phase

Inception - Development

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

Dependency	Due Date	Status
AUCDI R1 Published	Jun 2024	NA
AU eRequesting Data for Interoperability (AUeReqDI) R1	Sep 2024	NA

Breakdown of FHIR artefact status

Abstract Profiles	Search Parameters	Resource Profiles	Example Instances
0%	0%	10%	0%
Artifacts 2	Artifacts 1	Artifacts 13	Artifacts 34

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

Milestone Status

Milestone	Due Date	Status
AU eRequesting FHIR IG R1 Development phase complete	Aug 2024	NA
AU eRequesting FHIR IG R1 Pilot phase complete	Jan 2025	NA
AU eRequesting FHIR IG R1 Ballot phase complete	Mar 2025	NA
AU eRequesting FHIR IG R1 Ballot Resolution phase complete	May 2025	NA
AU eRequesting FHIR IG R1 Published	Late Jun 2025	NA

Deliverable Status

Deliverable		Due Date	Status
AU eRequesting FHIR IG R1 Draft for Validation Pilot		Aug 2024	NA
AU eRequesting FHIR IG R1 Draft for Ballot	HL7	Feb 2025	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.

Dependencies

Dependency	Due Date	Status
AUCDI R1 Published	Jun 2024	NA

Breakdown of artefact status

100%	80%	10%	0%
High Level Requirements	High Level Scope & Roadmap	AUeReqDI R1 Build Draft for Comment	AUeReqDI R1 Draft for Comment Published

Product Phase

Inception - Development

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

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	May 2024	NA
AUeReqDI R1 Draft for Comment phase complete	Jul 2024	NA
Review AUeReqDI R1 phase complete	Aug 2024	NA
AUeReqDI R1 Published	Oct 2024	NA
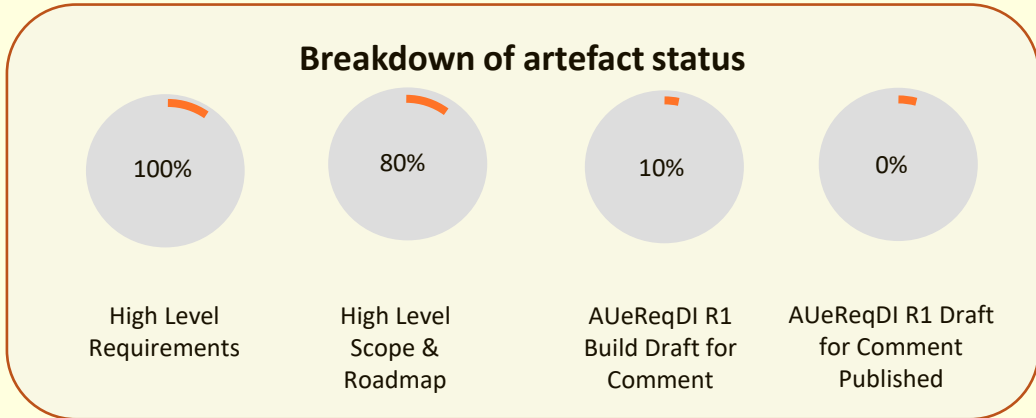
Deliverable Status

Deliverable	Due Date	Status
High level scope & roadmap AUeReqDI R1	Jan 2024	Complete
AUeReqDI R1 Draft for comment	May 2024	NA
AUeReqDI R1 Published	Oct 2024	NA

NA: Not yet due to commence
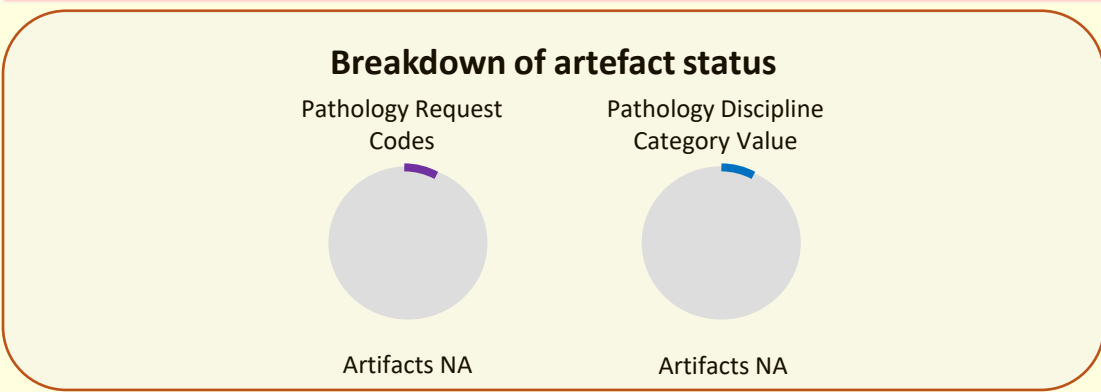
Product Status: Pathology Request ValueSet/s

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

Pathology Request Codes

Pathology Discipline Category Value

Artifacts NA

Artifacts NA

Risk/Issues Mitigation Plan

Risk 13 - Delays in finalising ways of working
Mitigation: Continue development of products to limit impact on program delivery
Residual Risk Rating: Low – Limited impact to overall product and program status.

Product Phase

Inception

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	Amber

Deliverable Status

Deliverable	Due Date	Status
Release 1 (R1) - SNOMED CT ValueSet/s	20/11/23	Complete
R2 - SNOMED CT ValueSet/s	30/3/24	Green
R3 - SNOMED CT ValueSet/s	30/6/24	NA
R4 - SNOMED CT ValueSet/s	30/9/24	NA

NA: Not yet due to commence
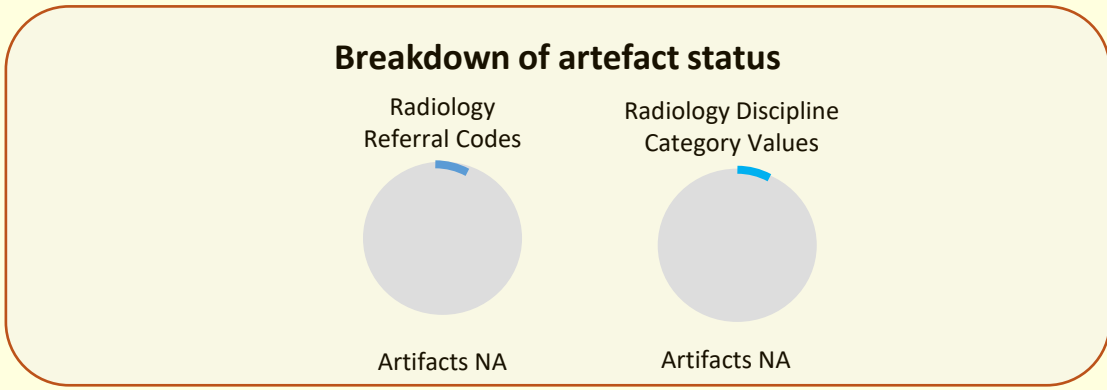
Product Status: Radiology Referral ValueSet/s

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

Radiology Referral Codes

Radiology Discipline Category Values

Artifacts NA

Artifacts NA

Risk/Issues Mitigation Plan

Risk 14 - Delays in finalising ways of working

Mitigation: Continue development of products to limit impact on program delivery

Residual Risk Rating: Low – Limited impact to overall product and program status.

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	Amber

Deliverable Status

Deliverable	Due Date	Status
Release 1 (R1) - SNOMED CT ValueSet/s candidate	30/3/24	Green
R2 - SNOMED CT ValueSet/s candidate	30/7/24	NA
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 conformance to the AU Core Implementation Guide.

Product Phase

Pre-Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

Dependency	Due Date	Status
NA		NA

Breakdown of artefact status

80%	TBD	TBD	TBD
Inferno AU Core Test Kit	Artifacts NA	Artifacts NA	Artifacts NA

Risk/Issues Mitigation Plan

NA

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 Test R1 Service Architecture	Feb 2024	Complete
AU Core R1 Test Service complete	Feb 2025	NA
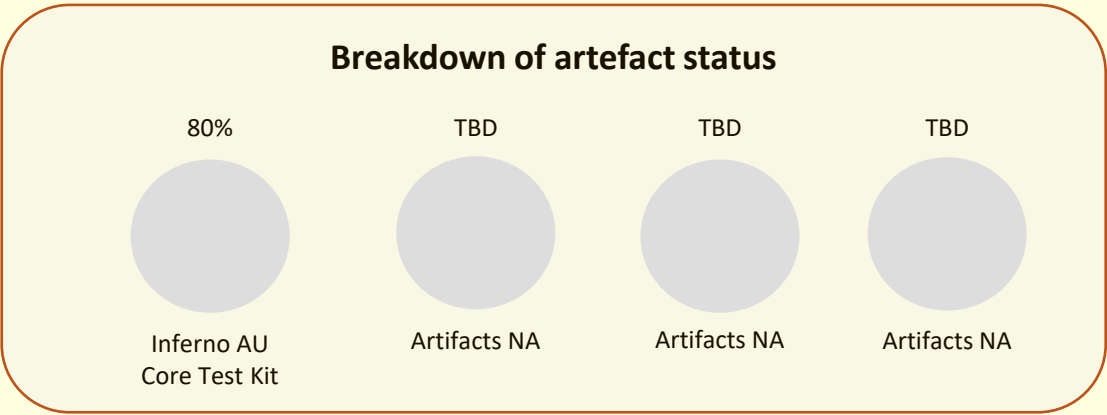
Deliverable Status

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

NA: Not yet due to commence

Sparked
HL7 FHIR

Product Status: AU eRequesting Testing Service

Product Definition

Publicly available tools that test systems for their conformance to the AU eRequesting Implementation Guide.
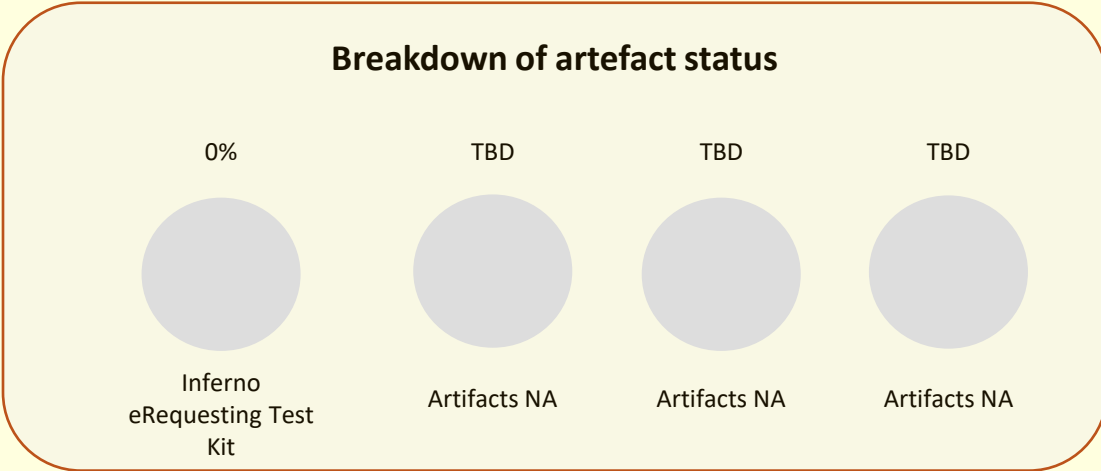
Product Phase

Pre-Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

Dependency	Due Date	Status
NA		NA

Breakdown of artefact status

0%	TBD	TBD	TBD
Inferno eRequesting Test Kit	Artifacts NA	Artifacts NA	Artifacts NA

Milestone Status

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

Deliverable Status

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

Risk/Issues Mitigation Plan

NA

NA: Not yet due to commence

Sparked
HL7 FHIR

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 means for practical testing at Connectathons and through piloting before the FHIR IGs are finalised.

Breakdown of artefact status

70%	70%	TBD	TBD
FHIR server (Smile CDR)	Synthetic Test Data	Configuration documentation?	AU Core Reference Implementation
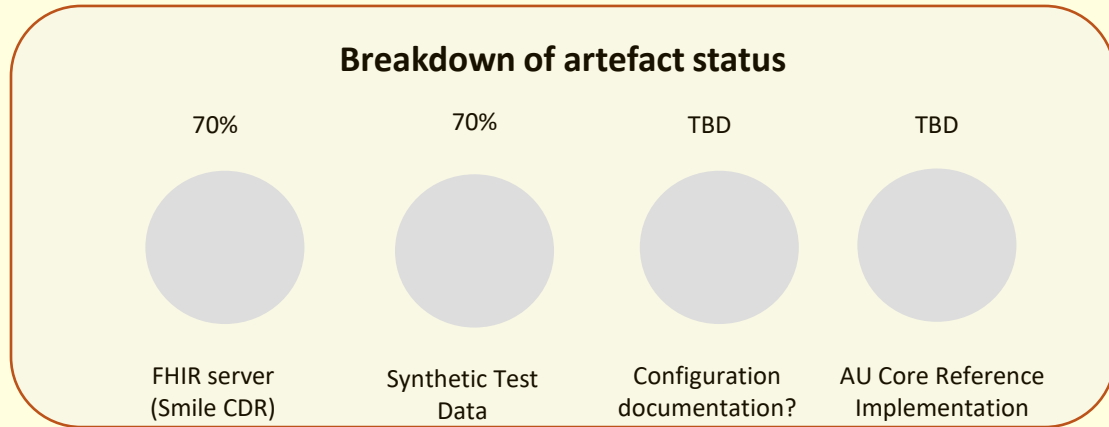
External Reference Implementations

Sparked community reference services available:
- Smile Digital Health

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	Green
AU Core R1 Gap Analysis Infrastructure	May 2024	Green
AU Core R1 Reference Implementation Architecture	Feb 2024	Complete
AU Core R1 Reference Implementation complete	Jan 2025	NA

Deliverable Status

Deliverable	Due Date	Status
External AU Core R1 Reference Server	Mar 2024	Green

NA: Not yet due to commence

Sparked
HL7 FHIR

13

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 means for practical testing at Connectathons and through piloting before the FHIR IGs are finalised.

Breakdown of artefact status

70%

10%

TBD

TBD

FHIR server (Smile CDR)

Synthetic Test Data

eRequesting Reference Implementation

TBD
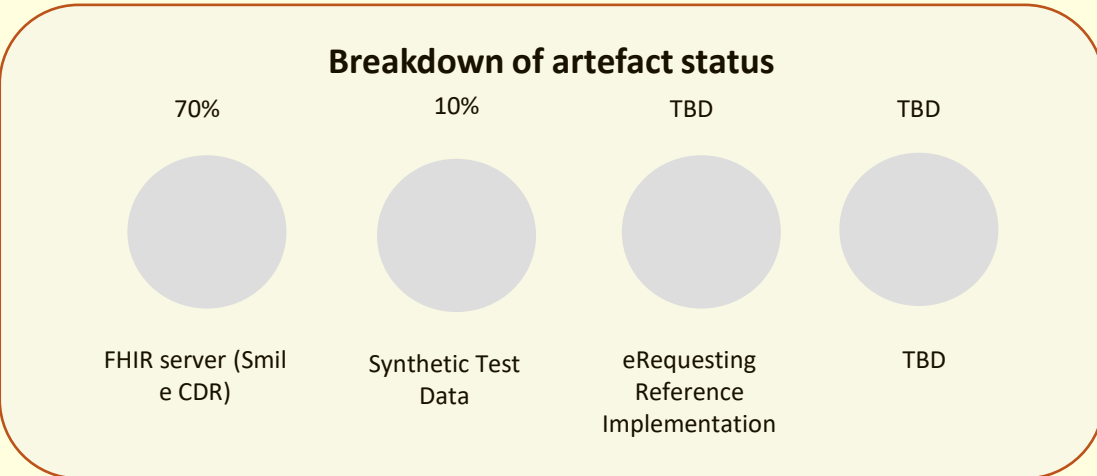
External Reference Implementations

Sparked community reference services available:
- Smile Digital Health

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	NA
AU eRequesting R1 Gap Analysis Infrastructure	Nov 2024	NA
AU eRequesting R1 Reference Implementation Architecture	Dec 2024	NA
AU eRequesting R1 Reference Implementation complete	TBC	NA

Deliverable Status

Deliverable	Due Date	Status
External AU eRequesting R1 Reference Server (same as the AU Core R1)	Mar 2024	Green

NA: Not yet due to commence

Sparked
HL7 FHIR

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

Data Collection	Enhancement Plan	Final Report
Artefacts NA	Artifacts NA	Artifacts NA
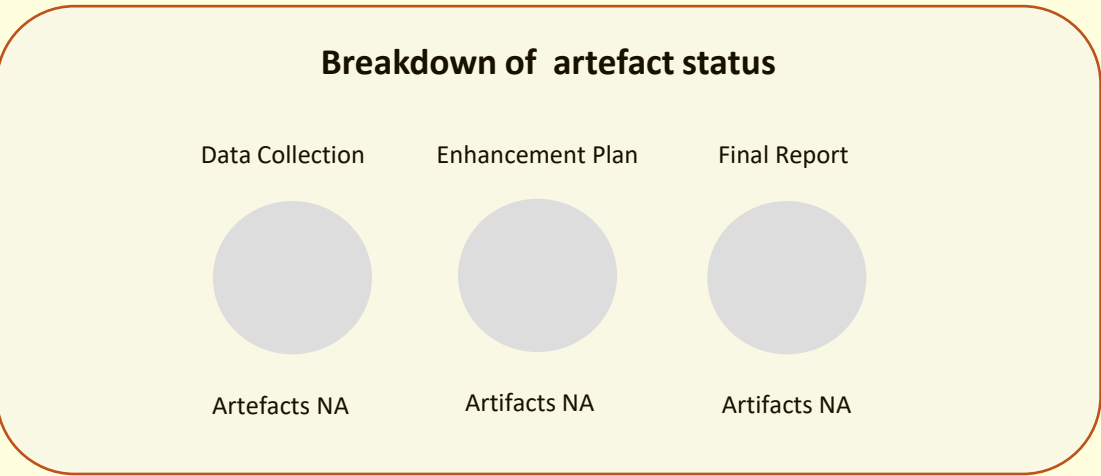
Risk/Issues Mitigation Plan

NA

Product Phase

Formation

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Milestone Status

Milestone	Due Date	Status
Baseline Data Collection	Jan 2024	Green
Presentation of Plan and Prelim Results	Apr 2024	NA
Post Improvement Analysis	Nov 2024	NA

Deliverable Status

Deliverable	Due Date	Status
Data Analysis and Synthesis	Mar 2024	NA
Enhancement Plan	May 2024	NA
Final Report	Dec 2025	NA

NA: Not yet due to commence

Sparked
HL7 FHIR

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%	90%	80%	20%

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
0%	0%	0%	0%
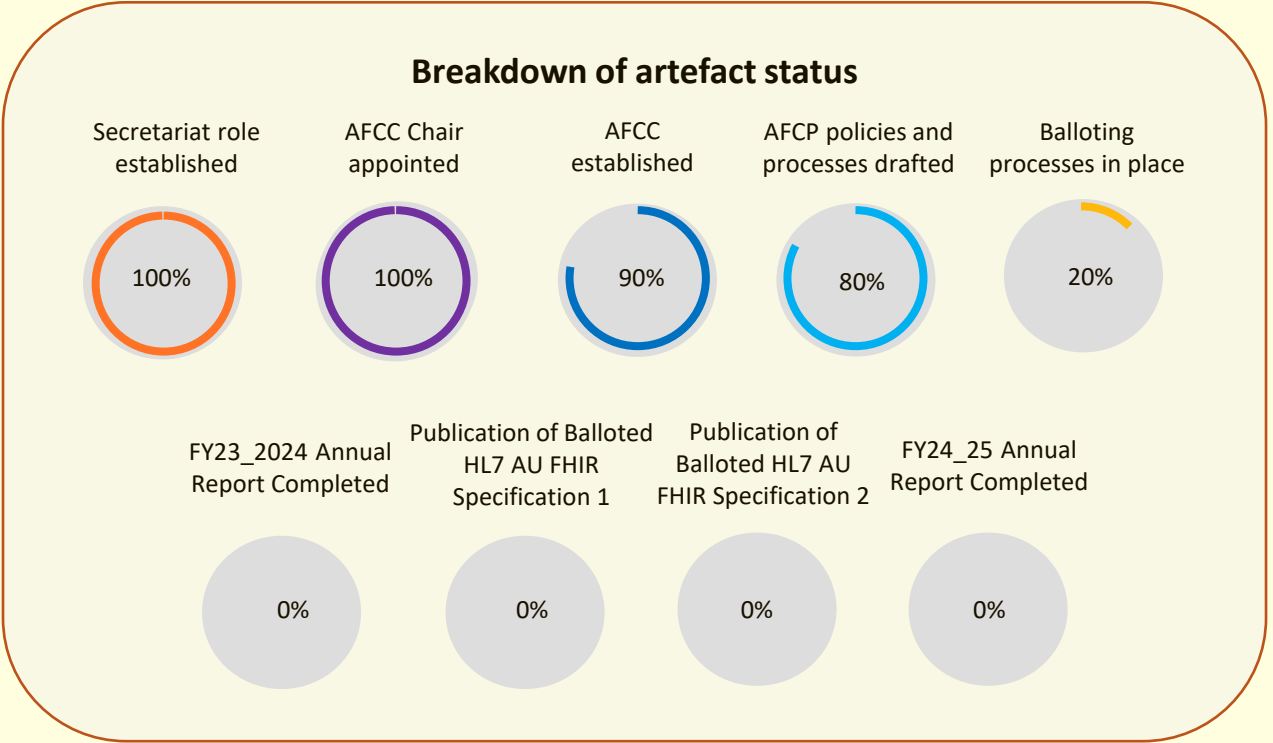
Milestone Status

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

NA: Not yet due to commence

Sparked
HL7 FHIR