Report Date:	2 November 2023	Program Status:	Green
Report Period:	October 2023	Program Phase:	Operations

Sparked

HL7 FHIR
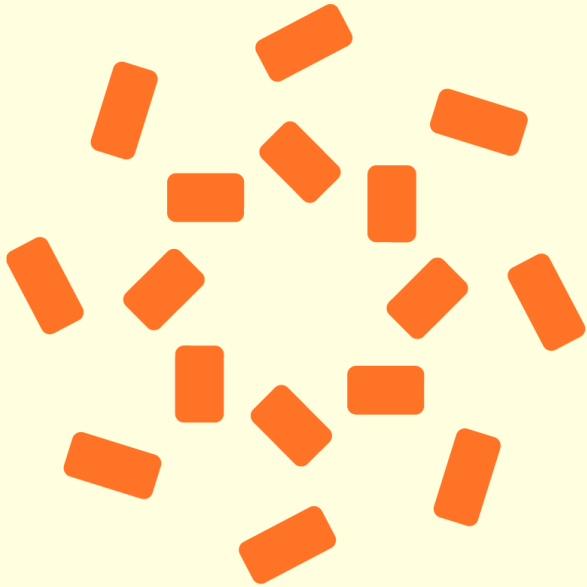
Purpose	Program Status Report
Audience	Community

Community

14 Founding Members & *increasing*

Sparked Clinical Design Group

Membership:
151 registered – doubled from last month

Meetings - Monthly

Sparked AU Core Technical Design Group
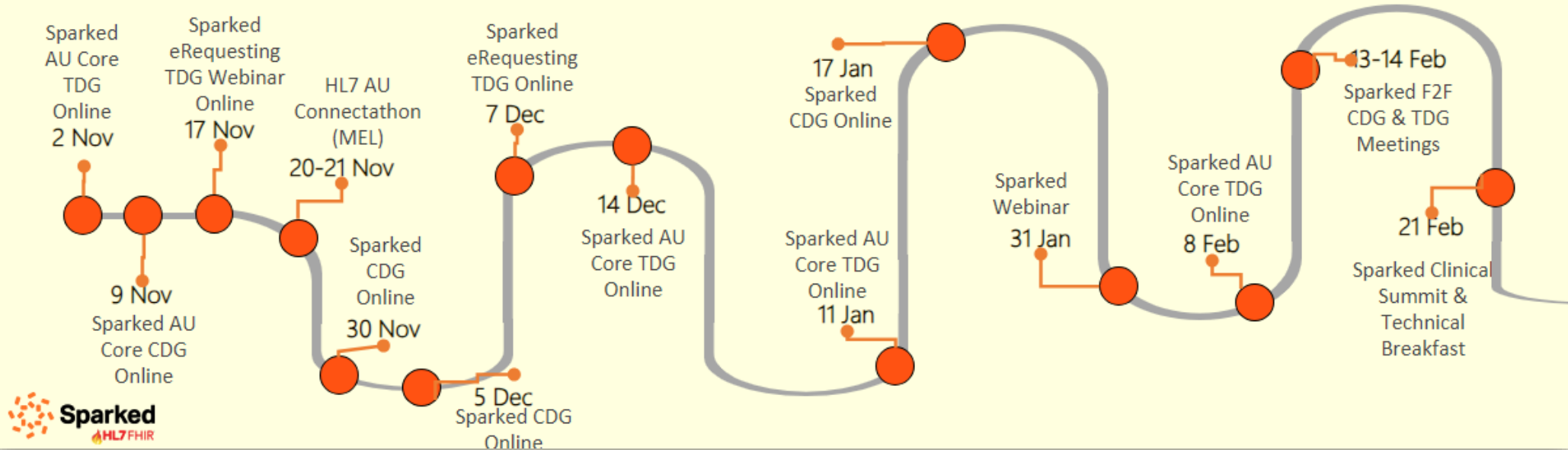
Membership:
152 registered - ~52 active fortnightly

Meetings - Fortnightly

Sparked AU eRequesting Technical Design Group

Membership:
149 registered - First meeting 7 Dec

Meetings - Fortnightly

Engaging the Community

| HL7 AU Connectathon 20-21 Nov | Sparked AU eRequesting TDG starts | | Sparked Webinar 31 Jan | Sparked F2F CDG/TDG 13-14 Feb |
| November | December | | January | February |

Sparked AU Core TDG Online 2 Nov

Sparked eRequesting TDG Webinar Online 17 Nov

HL7 AU Connectathon (MEL) 20-21 Nov

9 Nov Sparked AU Core CDG Online

Sparked CDG Online 30 Nov

5 Dec Sparked CDG Online

Sparked eRequesting TDG Online 7 Dec

14 Dec Sparked AU Core TDG Online

17 Jan Sparked CDG Online

Sparked AU Core TDG Online 11 Jan

Sparked Webinar 31 Jan

Sparked AU Core TDG Online 8 Feb

13-14 Feb Sparked F2F CDG & TDG Meetings

21 Feb Sparked Clinical Summit & Technical Breakfast

Sparked Summary Status

Status Summary	Overall Health
Sparked Program continues in Operations phase with AU Core Technical Design Group meeting regularly with content feeding into the next HL7 AU Connectathon in November. High level requirements and processes required to support AU Core Data Sets for interoperability underway. Sparked AU eRequesting Technical Design Group setup in progress with HL7 AU and within Sparked including preparation for the Sparked AU eRequesting TDG Webinar on 17 November. Continued stakeholder engagement for Pathology and Radiology ValueSets and planning for Sparked Clinical Design Groups, HL7 AU Secretariat established and policies and processes nearing completion.	**Green**

Schedule	Risks	Issues	Resources	Budget
Green	Green	Green	Green	Green

Decisions Requested

NIL

Milestone Summary

Milestone	Status
Workshop Clinical & Technical Design in Sydney: 27-28 September	Completed
HL7 AU Connectathon Melbourne: 20-21 November	Green

Critical Success Factor Metrics

CSF	Metric
To be agreed	*To be agreed*

Sparked Engagement Status

Completed (Current Period)

October

Stakeholder Engagement
- 5 Oct - ADHA MSIA Sparked - face to face event in Sydney
- 11 Oct - Council of Connected Care
- 12 Oct - Australian Institute of Health and Welfare committed as partner and provided logo for the Sparked website
- 16 Oct - RACGP Services Workshop
- 18 Oct - Engagement with RCPA

Events
- 19 Oct – Sparked AU Core TDG Online

Communications
- Invitations to join Sparked AU eRequesting Clinical Design Group
- Program Status Update

Planned (Next Period)

November

Stakeholder Engagement
- 2 Nov – Sparked / RANZCR maturing the Project Brief
- 15 Nov – Sparked / RCPA finalising the Project Brief
- 17 Nov - Sparked TDG AU eRequesting Webinar - DOHAC, RCPA, RANZCR, Sparked

Events
- 2 Nov - Sparked AU Core TDG Online
- 9 Nov – Sparked CDG Online
- 16 Nov - Sparked AU Core TDG Online
- 20 - 21 Nov – HL7AU Connectathon - Melbourne
- 27 – 28 Nov - IPSathon at HINZ Digital Health Week
- 30 Nov - Sparked AU Core TDG Online

Communications
- Program Status Update

December

Stakeholder Engagement
- 11 Dec – Send formal invitations for Sparked Industry & Clinical Leaders Event (Syd)

Events
- 5 Dec – Sparked CDG Online
- 7 Dec - Sparked eRequesting TDG Online
- 14 Dec - Sparked AU Core TDG Online
- 15 Dec – Sparked AU Core Must Support
- 21 Dec – Sparked AU eRequesting TDG Online

Communications
- 19 Dec – Sparked Introduction to AU Core
- Program Status Update
- Sparked Introduction (simple)
- Animation to build engagement in progress

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

Inception

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

Breakdown of FHIR artefact status

Capability Statements	Search Parameters	Resource Profiles	Example Instances
12%	12%	12%	12%
Artefacts 2	Artefacts 5	Artefacts 60	Artefacts 179

Milestone Status

Milestone	Due Date	Status
AU Core FHIR IG R1 Development phase complete	8/03/24	Green
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
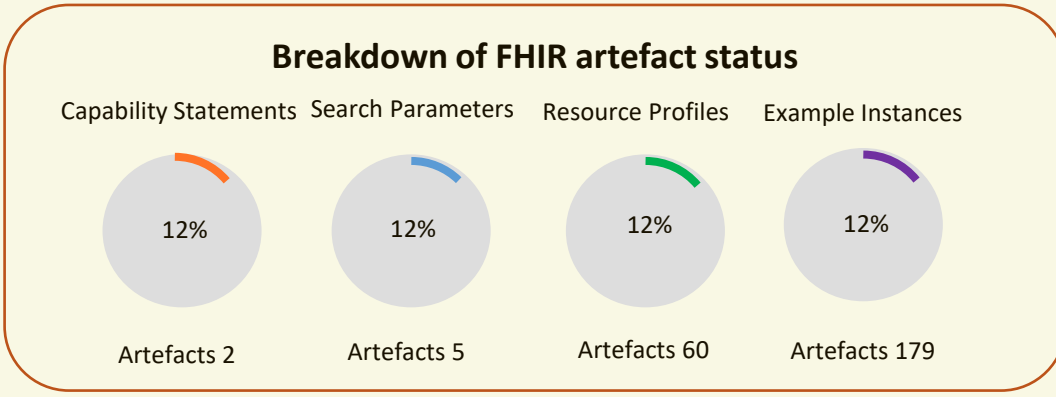
Deliverable Status

Deliverable	Due Date	Status
AU Core FHIR IG R1 Draft for Comment Ballot **HL7**	08/03/24	NA
AU Core FHIR IG R1 Draft for Validation Pilot	08/03/24	Green
AU Core FHIR IG R1 Draft for Ballot **HL7**	Aug 2024	NA
AU Core FHIR IG R1 Published **HL7**	Feb 2025	NA

Sparked
HL7 FHIR

Product Status: AU Core Data Set 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.
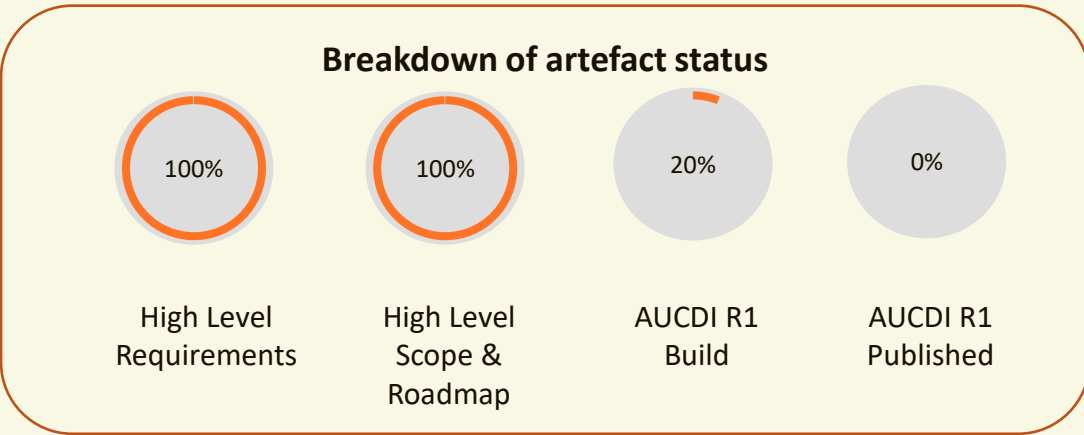
Product Phase

Inception

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	30/1/24	Green
AUCDI R1 for Comment phase complete	15/3/24	Green
Review Draft AUCDI R1 phase complete	May 2024	NA
AUCDI R1 Published	Jun 2024	NA

Deliverable Status

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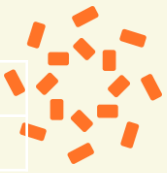
Breakdown of artefact status

High Level Requirements	High Level Scope & Roadmap	AUCDI R1 Build	AUCDI R1 Published
100%	100%	20%	0%

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 requesting.

Product Phase

Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

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

Breakdown of FHIR artefact status

Capability Statements	Search Parameters	Resource Profiles	Example Instances
Artifacts NA	Artifacts NA	Artifacts NA	Artifacts NA

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 June 2025	NA
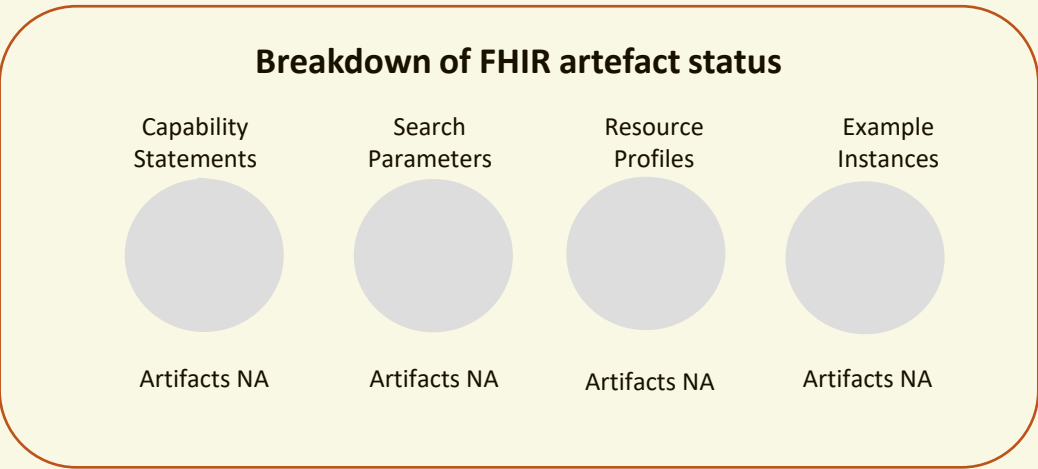
Deliverable Status

Deliverable		Due Date	Status
AU eRequesting FHIR IG R1 Draft for Pilot		Aug 2024	NA
AU eRequesting FHIR IG R1 Draft for Ballot	HL7	Feb 2025	NA
AU eRequesting FHIR IG R1 Published	HL7	Late June 2025	NA

Sparked
HL7 FHIR

Product Status: AU e-Requesting Data Set 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

Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

Dependency	Due Date	Status
AUCDI R1 Published	Jun 2024	NA

## Milestones Status

Milestone	Due Date	Status
High level requirements phase AUeReqDI R1 complete	30/12/23	Green
High level scope & roadmap phase AUeReqDI R1 complete	30/01/24	Green
Build AUeReqDI R1 phase complete	May 2024	NA
Review AUeReqDI R1 phase complete	Aug 2024	NA
AUeReqDI R1 Published	Sep 2024	NA
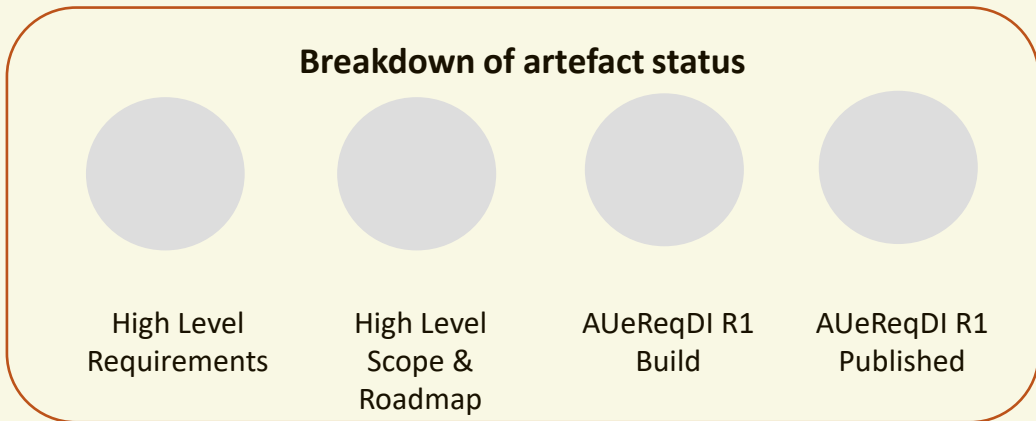
Deliverable Status

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

Breakdown of artefact status

High Level Requirements — High Level Scope & Roadmap — AUeReqDI R1 Build — AUeReqDI R1 Published

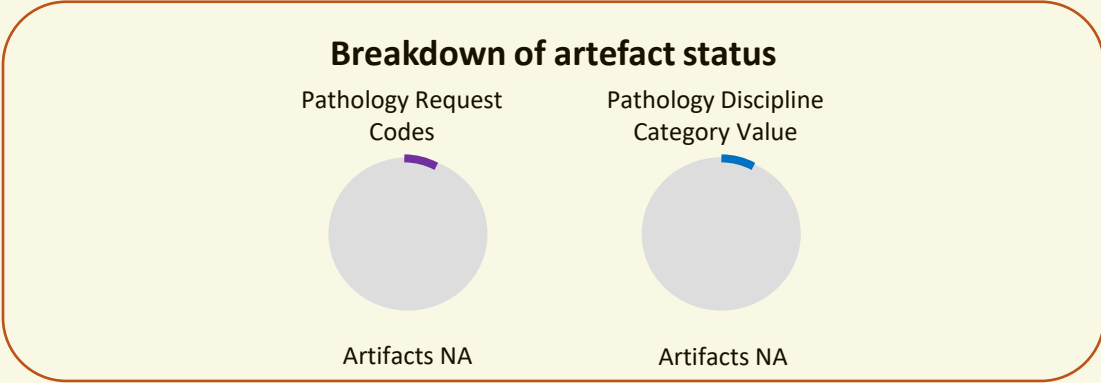*NA: Not yet due to commence*

Sparked
HL7 FHIR
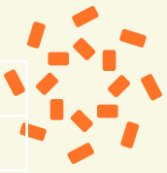
Product Status: Pathology Request Value Set

Product Definition

Published SNOMED CT ValueSets 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 3 - Schedule: Delays to finalising the ways of working with RCPA

Mitigation: Jointly developed project brief to clarify understanding of scope, roles and responsibilities, with RCPA – In progress.

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

Product Phase

Inception

Overall Product Status

Schedule	Risks	Issues
Green	Amber	Green

## Milestone Status

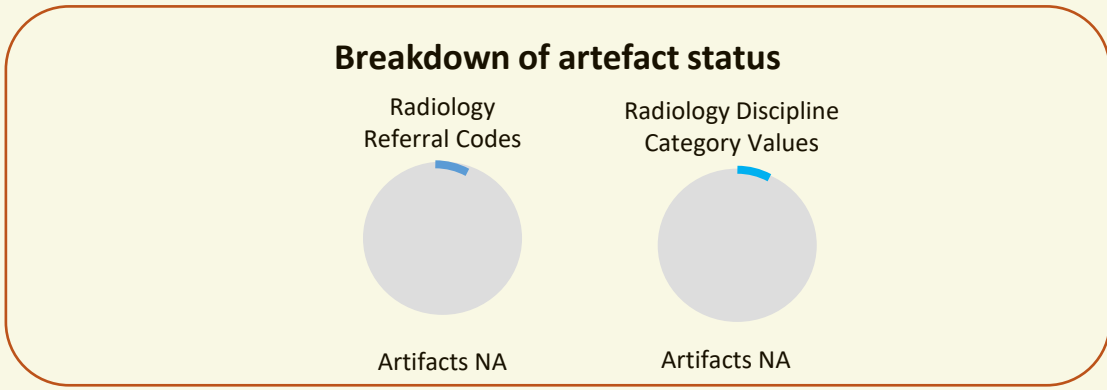| Milestone	Due Date	Status
RCPA / CSIRO Product development procedure (Project Brief) complete	30/11/23	Amber
Pathology ValueSets Gap Analysis complete	15/12/23	Green
Ways of working with RCPA complete	15/12/23	Amber

Deliverable Status

Deliverable	Due Date	Status
Release 1 (R1) - SNOMED CT ValueSets	20/11/23	Green
R2 - SNOMED CT ValueSets	Mar 2024	NA
R3 - SNOMED CT ValueSets	Jun 2024	NA
R4 - SNOMED CT ValueSets	Sep 2024	NA

Sparked
HL7 FHIR

NA: Not yet due to commence

Product Status: Radiology Referral Value Set
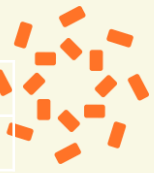
Product Definition

Published SNOMED CT ValueSets to support the standardised, electronic requesting of Radiology procedures guided by the professional peak body, Royal Australian and New Zealand College of Radiologists (RANZCR) for implementing across Australia.
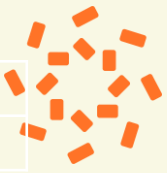
Dependencies

NA

Breakdown of artefact status

Radiology Referral Codes

Radiology Discipline Category Values

Artifacts NA

Artifacts NA

Risk/Issues Mitigation Plan

Risk 3 - Schedule: Delays to finalising the ways of working with RANZCR
Mitigation: Jointly developed Project Brief to clarify understanding of scope, roles and responsibilities, with RANZCR – In progress.
Residual Risk Rating: Low – Limited impact to overall product status.

Product Phase

Inception

Overall Product Status

Schedule	Risks	Issues
Green	Amber	Green

Milestone Status

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

Deliverable Status

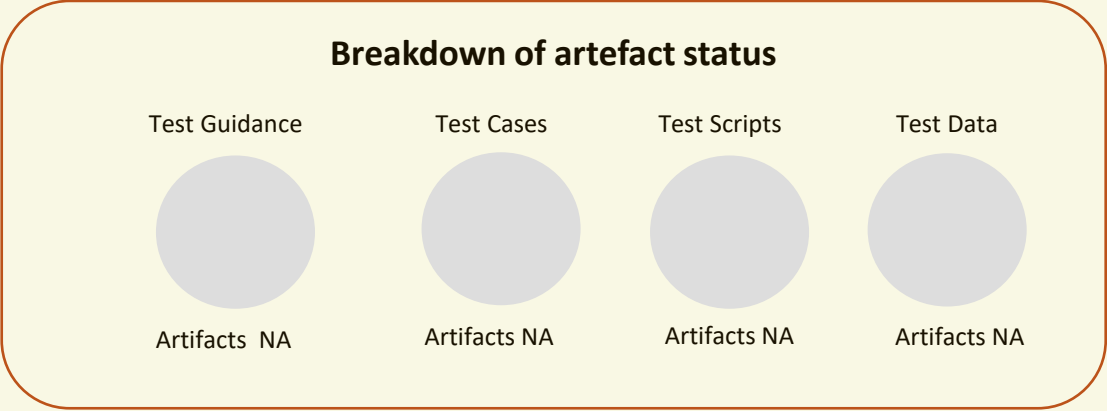| Deliverable	Due Date	Status
Release 1 (R1) - SNOMED CT ValueSets candidate	Jan 2024	TBC
R2 - SNOMED CT ValueSets candidate	Mar 2024	NA
R3 - SNOMED CT ValueSets candidate	Jun 2024	NA
R4 - SNOMED CT ValueSets candidate	Sep 2024	NA

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

Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

Dependency	Due Date	Status
NA		NA

Breakdown of artefact status

Test Guidance	Test Cases	Test Scripts	Test Data
Artifacts NA	Artifacts NA	Artifacts NA	Artifacts NA

Milestone Status

Milestone	Due Date	Status
AU Core R1 Test Service Requirements	TBC	NA
AU Core R1 Gap Analysis Infrastructure	TBC	NA
AU Test R1 Service Architecture	TBC	NA
AU Core R1 Test Service complete	Feb 25	NA

Deliverable Status

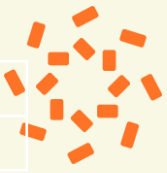| Deliverable	Due Date	Status
AU Core R1 Test Suite	TBC	NA
AU Core R1 Test Data	TBC	NA
AU Core R1 Synthetic Data	TBC	NA

NA: Not yet due to commence

Risk/Issues Mitigation Plan

Risk 9 - Delays in recruiting resources is delaying deliverable planning
Mitigation: Test Lead staring Nov 30, update of project plan to reflect resourcing will be completed by February 24.
Residual Risk Rating: Low – Limited impact to overall product and program status.

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.
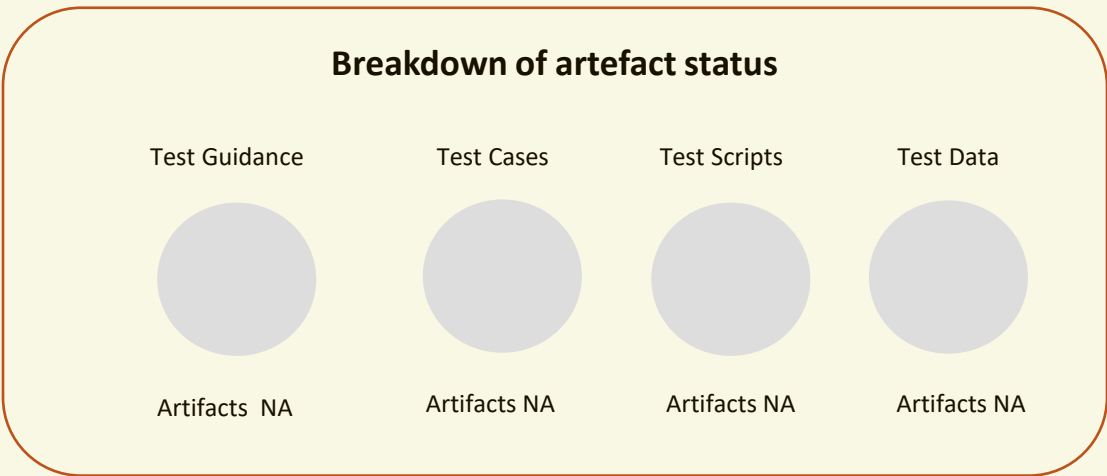
Product Phase

Inception

Overall Product Status

Schedule	Risks	Issues
Green	Green	Green

Dependencies

Dependency	Due Date	Status
NA		NA

Breakdown of artefact status

Test Guidance	Test Cases	Test Scripts	Test Data
Artifacts NA	Artifacts NA	Artifacts NA	Artifacts NA

Milestone Status

Milestone	Due Date	Status
AU eRequesting R1 Test Service Requirements	TBC	NA
AU eRequesting R1 Gap Analysis Infrastructure	TBC	NA
AU eRequesting Test R1 Service Architecture	TBC	NA
AU eRequesting R1 Test Service complete	Late June 2025	NA

Deliverable Status

Deliverable	Due Date	Status
AU eRequesting R1 Test Suite	TBC	NA
AU eRequesting R1 Test Data	TBC	NA
AU eRequesting R1 Synthetic Data	TBC	NA

NA: Not yet due to commence

Risk/Issues Mitigation Plan

NA
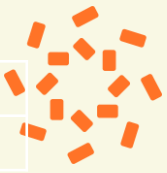
Product Status: AU Core Reference Implementations

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

TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD
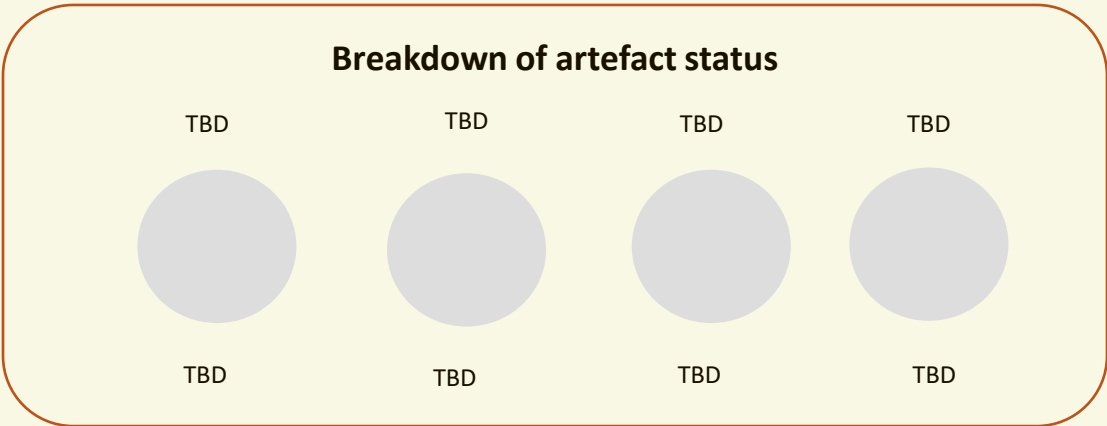
External Reference Implementations

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 Core R1 Reference Implementation Requirements	May 2024	NA
AU Core R1 Gap Analysis Infrastructure	TBC	NA
AU Core R1 Reference Implementation Architecture	TBC	NA
AU Core R1 Reference Implementation complete	TBC	NA

Deliverable Status

Deliverable	Due Date	Status
External AU Core R1 Reference Server	TBC	NA

NA: Not yet due to commence

Sparked
HL7 FHIR
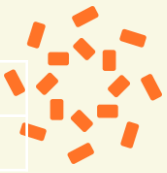
Product Status: AU eRequesting Reference Implementations

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

TBD   TBD   TBD   TBD

TBD   TBD   TBD   TBD
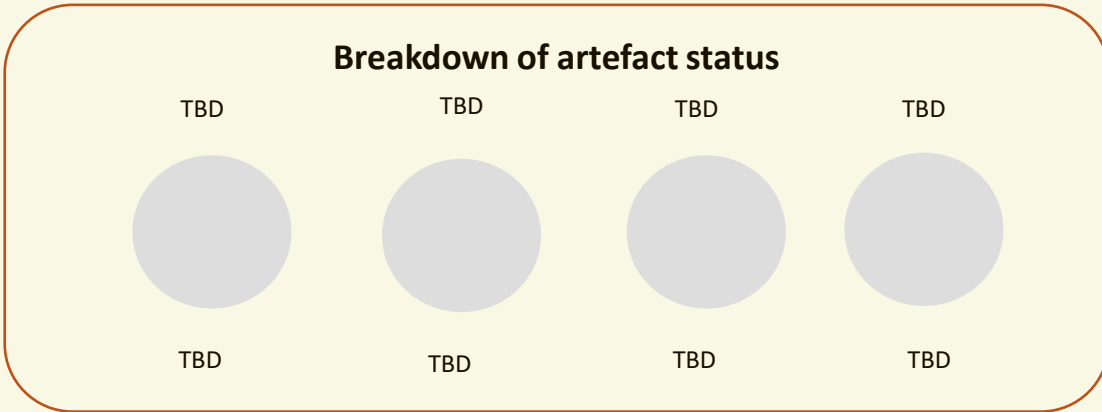
External Reference Implementations

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	TBC	NA
AU eRequesting R1 Reference Implementation Architecture	TBC	NA
AU eRequesting R1 Reference Implementation complete	TBC	NA

Deliverable Status

Deliverable	Due Date	Status
External AU eRequesting R1 Reference Server	TBC	NA

NA: Not yet due to commence

Product Status: Program Evaluation
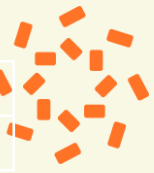
Product Definition

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
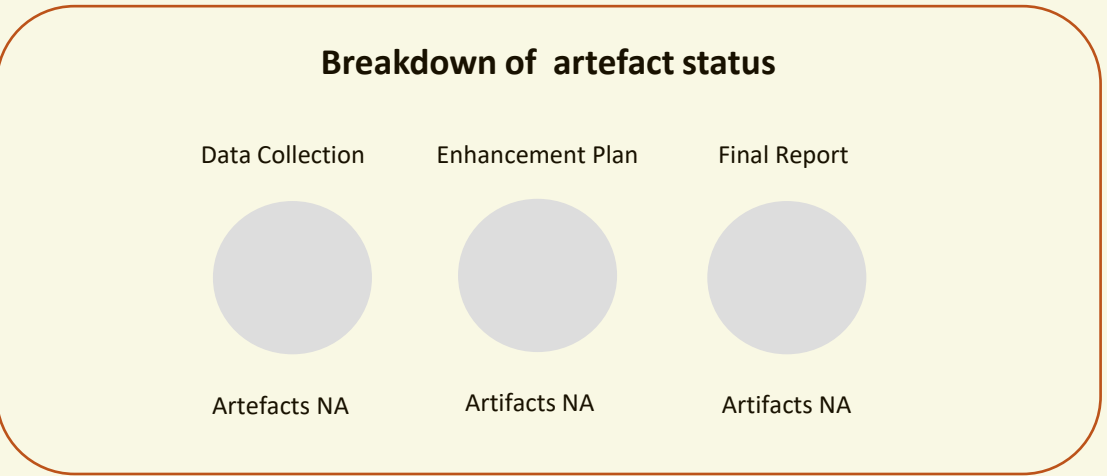
Risk/Issues Mitigation Plan

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%	75%	80%	10%

FY23_24 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%
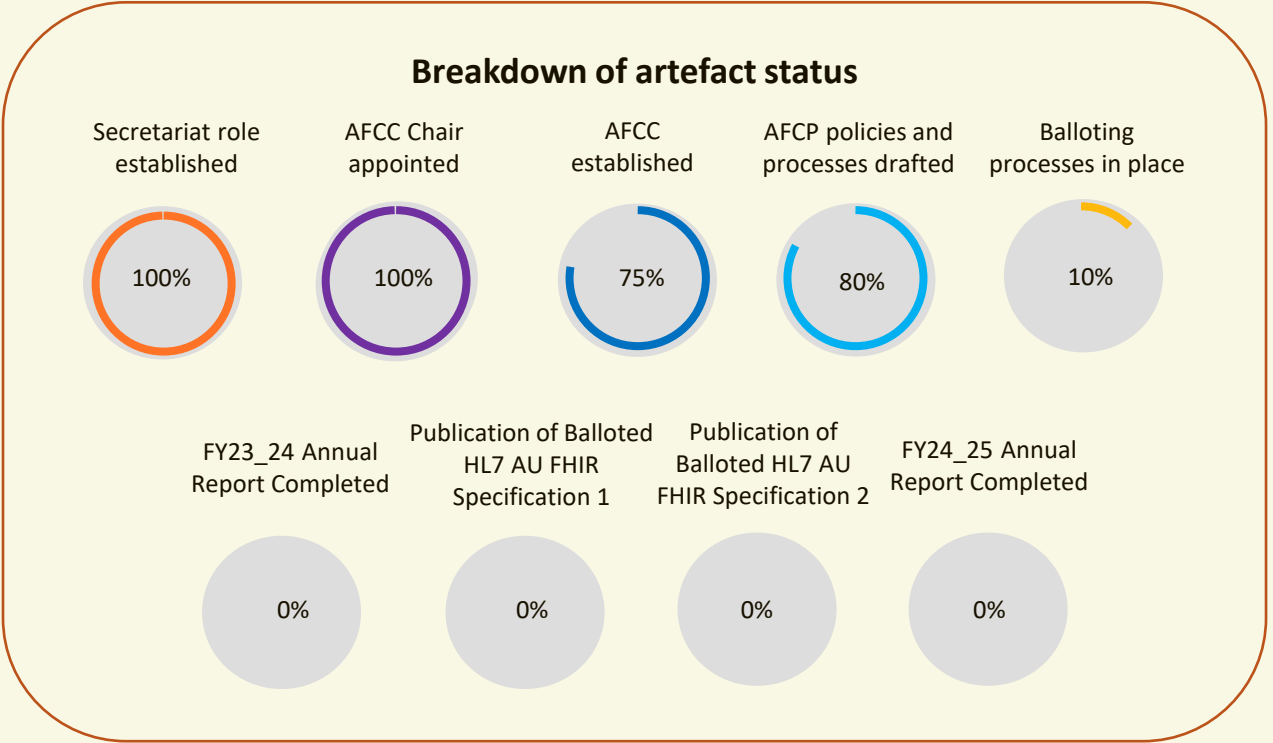
Milestone Status

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

NA: Not yet due to commence

Sparked
HL7 FHIR