



HIPS Structured Pathology Adapter

Release Note

26 July 2024 v1.0
Approved for external information
Document ID: DH-3904:2024

Related end product identifier: EP-3907:2024

Release rationale

The HIPS Structured Pathology Adapter (HIPS SPA) is an optional add-on component for sites running HIPS v7.1 or higher, which exposes web services for authoring pathology report CDA documents and uploading these via the existing HIPS installation. The adapter is intended to alleviate the burden of creating CDA documents from information sourced from local clinical information systems. It is released as an add-on component so that future upgrades are not tied to specific releases of the HIPS Core product wherever possible.

HIPS SPA v1.0 is the first release of the adapter and provides a SOAP web service that enables the creation and upload of Pathology Report CDA documents, including support for structured pathology results.

Key features of the adaptor are:

- Creation and upload of Level 3A CDA Pathology Report documents.
Integrators may supply a request to HIPS SPA comprising an HL7 v2 ORU^R01 pathology results message, including or accompanied by a PDF version of the report. HIPS SPA will create a Level 3A Pathology Report document from these inputs and upload this via the existing HIPS installation.
- Support for document revision by uploading superseding versions.
New versions of documents may be uploaded as superseding documents.
- Support for structured pathology results within the generated CDA document.
- Provides a SOAP web service with the same SOAP contract as the V2 pathology web service (PathologyImagingServiceV2.UploadOrRemovePathology) already available in HIPS to simplify integration for existing pathology sites.
- Secure by default with default configuration utilising HTTPS.
By default the adapter will install with an HTTPS binding. HIPS SPA supports the ability to configure the binding and the authentication scheme in use.
- Configuration via the HIPS Core Configuration API with settings held in the database.
HIPS SPA retrieves its configuration via the Configuration component in the new HIPS Core APIs (v1.0). Moving forward, all HIPS products will make use of these common APIs rather than having their own methods for configuration.

Package inclusions

| Identifier | Name and version |
|--------------|--|
| DH-3904:2024 | <i>HIPS Structured Pathology Adapter – Release Note v1.0 (this document)</i> |
| DH-3906:2024 | <i>HIPS Structured Pathology Adapter – Binary Software Package v1.0</i> |
| DH-3903:2024 | <i>HIPS Structured Pathology Adapter – Product Data Sheet v1.0</i> |

HIPS Product Suite Dependencies

SPA requires the following HIPS products to be installed:

| | |
|-----------------------|------------------------|
| HIPS | Version 7.1 or higher |
| HIPS Core APIs | Version 1.0 or higher. |

For SPA to be used as a drop-in replacement for the existing HIPS pathology service in a site’s integration, that integration must be with the V2 version of the HIPS service, i.e.

PathologyImagingServiceV2.UploadOrRemovePathology. If the V1 version of the service is in use (PathologyImagingService.UploadOrRemovePathology) then minimal integration development will be necessary to interface to SPA.

Audience

- Healthcare provider organisations
- System integrators
- Software vendors

Known issues

There are no known defects in this release.

When installing HIPS SPA, the deployment must be split into two phases as described in [*SPA 1.0 - Execute the Deployment Script*](#) on [Collaborate](#). This is due to a limitation of the HIPS Core APIs dependency.

Please also refer to [*SPA 1.0 - Known Integration Constraints*](#) on [Collaborate](#) for details of issues with the underlying HIPS version and with the mapping of HL7 pathology results messages to My Health Record CDA pathology reports.

Documentation

In addition to the documentation contained within the pages on Collaborate, the binary software package includes HTML pages that may be useful to integration developers which describe the web service, request and response classes exposed by the adapter (the API documentation). See the page [*SPA 1.0 - Execute the Deployment Script*](#) on Collaborate for instructions on installing the API documentation into test environments for easy access.

Assurance

HIPS Structured Pathology Adapter v1.0 complies with DH-3527:2022 eHealth Pathology Report - My Health Record Conformance Profile v2.0 and has undergone the following conformance assessments including execution of all conformance test cases applicable to the functionality of HIPS Structured Pathology Adapter:

- Structured Pathology Report Conformance Test Specification v2.0
- My Health Record Notice of Connection

Implementers are required to perform their own testing of My Health Record conformance test cases that relate to functionality outside of the HIPS Structured Pathology Adapter and declare conformity of their clinical systems in conjunction with HIPS to the My Health Record System Operator. Notably it is the responsibility of the implementer to ensure that inputs provided to the adapter conform to the relevant My Health Record requirements where appropriate.

Documentation of conformance assessments performed for HIPS Structured Pathology Adapter v1.0 is available from the Agency Help Centre at help@digitalhealth.gov.au or by phoning 1300 901 001.

Licence

The Structured Pathology Adapter Binary Software is licensed under the *HIPS Binary Software Licence Terms and Conditions* (included in the HIPS Structured Pathology Adapter Binary Software Package).

Support

The Structured Pathology Adapter product is provided in binary code form.

The Agency provides support to sites that use the Agency-provided binary version of HIPS, and this support is extended to the Structured Pathology Adapter.

Sites using HIPS binaries built from source code are generally not supported by the Agency. Third-party technical support is available from commercial partner organisations. Implementers are encouraged to take out support contracts with suitable support providers to ensure the successful implementation and operation of HIPS.

Implementers who do this must undertake comprehensive conformance testing with the Healthcare Identifiers (HI) Service and the My Health Record system.

Please contact the Agency for details of available support services.

For further support or to provide feedback, please email help@digitalhealth.gov.au

Future releases

Structured Pathology Adapter will be released on an ad hoc basis, based on providing new functionality or other changes as required.

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