



HIPS Document Authoring Adapter

Product Data Sheet

26 September 2023 v1.0
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Key features

- Generation of Specialist Letter Level 1A CDA documents from PDF documents and associated metadata.
- Upload of generated Specialist Letter Level 1A CDA documents to the My Health Record system via HIPS.
- Source code, binary code, and comprehensive documentation.

Usage (internal, external)

- Large-scale digital health implementations, hospitals, state/territory health jurisdictions.
- Vendors of digital health systems using HIPS for My Health Record interaction.

Format

- WSDL and XML schema.
- Binary code.
- Comprehensive documentation.

Overview

The HIPS Document Authoring Adapter (DAA) is an optional add-on component for sites running HIPS v8.3 or higher, which exposes webservice for authoring CDA documents and uploading these via the existing HIPS installation. This first release of the adapter includes a SOAP webservice that enables the creation and upload of Specialist Letter Level 1A CDA documents including the ability to specify document subtypes.

Key features of DAA include:

- Creation and upload of Level 1A CDA Specialist Letter documents.
- Support for document revision by uploading superseding versions.
- Multiple uploads per episode of care.
- Support for Specialist Letter subtypes.
- Secure by default with default configuration utilising HTTPS.

- Configuration via the HIPS Core Configuration API with settings held in the database.

Background

The Australian Digital Health Agency has a strategic objective to support and facilitate the adoption of national digital health services across the health sector. A key element of delivering on this objective is supporting the implementation of solutions that integrate with the national Healthcare Identifiers Service and the My Health Record system.

To support this strategic objective, many newer features of HIPS (initially DAA) are being provided as separate modules that can be installed alongside some existing versions of HIPS Core. These new modules enable new features to be rolled out, without the need for as many HIPS updates.

Product components

The DAA end product consists of the following product components:

Component	Description
Binary Software Package	Binary code for components of DAA: <ul style="list-style-type: none"> ○ Binary code ○ Database installer and scripts ○ PowerShell scripts ○ HIPS Binary Software Licence Terms and Conditions ○ HIPS Document Authoring Adapter Third-Party Software Licences
Product Data Sheet	This document
Release Note	Notes specific to the current DAA release
Functional Change Log	N/A for the initial release

Documentation

DAA documentation is located on the Agency [Collaborate](#) site.

System requirements

DAA is based on a few underlying platform software products and frameworks. This release of DAA has successfully been tested against the products and product versions listed in the sections below.

Usage of DAA with product versions other than those listed may require retesting of the product. This may include the need to repeat all required conformance and notice-of-connection tests.

DAA incorporates a number of third-party libraries that are listed in the HIPS Document Authoring Adapter Third-Party Software Licenses document included in this release. These libraries are distributed as part of the HIPS DAA product.

HIPS Product Suite Dependencies

DAA requires the following HIPS products to be installed:

HIPS	Version 8.3 or higher
HIPS Core APIs	Version 1.0 or higher.

HIPS Document Authoring Adapter Infrastructure Requirements

Support Definitions

The following definitions are italicised in the table below and used to show the support status of the software platforms.

- **Supported tested versions:** Each major release is developed and tested against the latest released version of the infrastructure software components. The same infrastructure versions are subsequently used for testing minor and patch releases associated with the same HIPS major release.
- **Supported latest versions:** These versions have been released after the *supported tested versions* were selected.
- **Supported non-current versions:** While support is provided on previous released versions of infrastructure, should a raised support ticket be found to be caused by an earlier version of the infrastructure, it is the implementer's responsibility to upgrade the infrastructure to resolve the ticket.
- **Unsupported versions:** These software versions may cause DAA to work incorrectly or are no longer maintained by the software vendor. Sites should no longer use these versions of software and ensure that the latest supported versions of infrastructure software are installed.

The DAA components require the following software platforms:

Operating system	HIPS Document Authoring Adapter 1.x has been tested on Windows Server 2022. HIPS Document Authoring Adapter 1.x is supported on: <ul style="list-style-type: none"> • Windows Server 2012 R2 (<i>non-current</i>) • Windows Server 2016 (<i>non-current</i>) • Windows Server 2019 (<i>non-current</i>) • Windows Server 2022 (<i>tested</i>)
.NET Core	HIPS Document Authoring Adapter 1.x has been tested on .NET 6.0. HIPS Document Authoring Adapter 1.x is supported on: <ul style="list-style-type: none"> • .NET 6.0 (<i>tested – latest LTS version at major</i>)
ASP.NET Core Hosting Bundle	HIPS Document Authoring Adapter 1.x has been tested on ASP.NET Core Hosting Bundle 6.0 HIPS Document Authoring Adapter 1.x is supported on: <ul style="list-style-type: none"> • ASP.NET Core Hosting Bundle 6.0.x (<i>tested</i>) • Any future ASP.NET Core Hosting Bundle 6.0.x patch

Database Management System	HIPS Document Authoring Adapter 1.x has been tested on SQL Server 2019. HIPS Document Authoring Adapter 1.x is supported on: <ul style="list-style-type: none">• SQL Server 2012 (<i>non-current</i>)• SQL Server 2014 (<i>non-current</i>)• SQL Server 2016 (<i>non-current</i>)• SQL Server 2017 (<i>non-current</i>)• SQL Server 2019 (<i>tested</i>)• SQL Server 2022 (<i>latest</i>)
HIPS	HIPS Document Authoring Adapter 1.x requires HIPS 8.3 or higher
HIPS Core APIs	HIPS Document Authoring Adapter 1.x requires HIPS Core APIs 1.0 or higher.

Licence

The HIPS Document Authoring Adapter Binary Software is licensed under the *HIPS Binary Software – Software License Terms and Conditions* (included in the HIPS Document Authoring Adapter Binary Software Package).

Downloads

HIPS Document Authoring Adapter can be downloaded from the Agency Collaborate site [here](#).

Support

The HIPS Document Authoring Adapter product is provided in binary code form.

The Agency provides support to sites that use the Agency-provided binary version of HIPS Document Authoring Adapter ¹.

Please contact the Agency for details of available support services.

For further information about the product or to provide feedback, please email the Agency Help Centre at help@digitalhealth.gov.au or phone 1300 901 001. Your views on the scope and usability of HIPS Document Authoring Adapter will inform future releases.

¹ Sites requiring support by the Agency need to complete the registration process for HIPS Nominated Sites. This may include meeting additional requirements including a commitment to regularly upgrade their HIPS and HIPS Document Authoring Adapter installations to the latest HIPS and HIPS Document Authoring Adapter release.

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