



HIPS Core APIs Product Data Sheet

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Key features

The HIPS Core APIs provide a set of APIs that are dependencies for various HIPS products. As of this release, the following HIPS products are compatible with HIPS Core APIs v2.0:

- Document Authoring Adapter v1.0
- Health Viewer v1.0
- Structured Pathology Adapter v1.0 (when released)

The HIPS Core APIs include the following functionality:

- **Configuration provider** for HIPS products to manage configuration settings and options.
- **Authentication provider** for HIPS products to control access to HIPS APIs and authenticating users.
- **Admin Portal** for presentation of HIPS admin interfaces in a single location.

Usage (internal, external)

- Large-scale digital health implementations, Hospitals, Jurisdictions
- Vendors of digital health systems using HIPS for My Health Record interaction

Format

- Binary code
- Comprehensive documentation

Overview

The HIPS Core APIs provide a set of APIs that are dependencies for various HIPS products. As of this release, the following HIPS products are compatible with HIPS Core APIs v2.0:

- Document Authoring Adapter v1.0
- Health Viewer v1.0
- Structured Pathology Adapter v1.0

Key features of HIPS Core APIs include:

Infrastructure service	HIPS Core APIs key features
Authentication	<ul style="list-style-type: none"> • Provides a Config API for HIPS products to retrieve the configuration settings applicable to each HIPS product. • Provides a Config API for HIPS administrative tools to view and modify configuration settings for HIPS products. • Provides a command-line interface (CLI) tool that uses the Config API to view and modify configuration settings for HIPS products. • Provides a user interface to view and modify configuration settings for HIPS products. This is exposed through the Admin Portal.
Configuration	<ul style="list-style-type: none"> • Provides a Config API for HIPS products to retrieve the configuration settings applicable to each HIPS product. • Provides a Config API for HIPS administrators to view and modify configuration settings for HIPS products. • Provides a command-line interface (CLI) tool to view and modify configuration settings for HIPS products.
Administration	<ul style="list-style-type: none"> • Enables other HIPS products to register new interfaces as they are developed without needing to update HIPS Core APIs. • Initially includes links for setting management for HIPS products and for reviewing locked out users.

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 the Document Authoring Adapter) are being provided as separate modules that can be installed alongside some existing versions of HIPS Core. These new modules require authentication and configuration support, hence the need for a set of APIs that can be shared by all HIPS modules, rather than each module. These APIs are referred to as the HIPS Core APIs or HCA.

Product components

The HIPS Core APIs end product consists of the following product components:

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

Documentation

HIPS Core APIs documentation is located on the Agency [Collaborate](#) site.

System requirements

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

Usage of HIPS Core APIs 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.

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

HIPS Core APIs Infrastructure Requirements

Support Definitions

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

- **Supported tested versions:** Each HIPS Core APIs 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 HIPS Core APIs is supported 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 HIPS Core APIs 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 HIPS Core APIs components require the following software platforms:

Operating system	HIPS Core APIs 2.x has been tested on Windows Server 2022. HIPS Core APIs 2.x is supported on: <ul style="list-style-type: none"> • Windows Server 2016 (non-current) • Windows Server 2019 (non-current) • Windows Server 2022 (latest)
.NET	HIPS Core APIs 2.x has been tested on .NET 8.0. HIPS Core APIs 2.x is supported on: <ul style="list-style-type: none"> • .NET 8.0 (latest Long Term Support (LTS) version at HIPS major release)
ASP.NET Core Hosting Bundle	HIPS Core APIs 2.x has been tested on ASP.NET Core Hosting Bundle 8.0 HIPS Core APIs 2.x is supported on: <ul style="list-style-type: none"> • ASP.NET Core Hosting Bundle 8.0.x • Any future ASP.NET Core Hosting Bundle 8.0.x patch
Database Management System	HIPS Core APIs 2.x has been tested on SQL Server 2022. HIPS Core APIs 2.x is supported on: <ul style="list-style-type: none"> • SQL Server 2016 (non-current) • SQL Server 2017 (non-current) • SQL Server 2019 (non-current) • SQL Server 2022 (latest)
HIPS	HIPS 7.1 or higher

Licence

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

Downloads

HIPS Core APIs is available from the Agency’s Developer Centre:

<https://developer.digitalhealth.gov.au/resources/resource-services/healthcare-information-provider-service-hips>

Support

The HIPS Core APIs product is provided in binary code form.

The Agency provides support to sites that use the Agency-provided binary version of HIPS Core APIs 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 Core APIs will inform future releases.

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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 Core APIs installations to the latest HIPS and HIPS Core APIs release.