

SUN B2B SUITE

HIPAA PROTOCOL MANAGER RELEASE NOTES

Release 5.1.0



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Introduction

This chapter introduces these release notes for the Sun Java™ Composite Application Platform Suite (Java CAPS) HIPAA Protocol Manager (PM). This product is part of the Sun B2B Suite.

What's in This Chapter

- [About HIPAA Protocol Manager](#) on page 4
- [For Additional Reference](#) on page 7
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- [Documentation Feedback](#) on page 7

1.1 About HIPAA Protocol Manager

HIPAA PM as part of the Sun Java B2B Suite, including HIPAA OTD Library, enables you to design Java CAPS Projects that process and validate HIPAA messages.

HIPAA PM operates with the following core Java CAPS and B2B Suite products:

- eGate Integrator
- eInsight Business Process Manager
- eXchange Integrator

Additional Sun Java products are necessary, depending on your installation. See the *HIPAA Protocol Manager User's Guide* and product Readme file lists of these products. The user's guide also explains how to operate and use HIPAA PM.

1.1.1 Basic Operation

HIPAA PM handles the basic operations necessary for HIPAA messaging, such as:

- Interchange and acknowledgment processing
- Business message correlation
- Enveloping and de-enveloping
- Document batching and splitting
- Event archiving

HIPAA PM and eXchange

eGate and eXchange enable you to build Java CAPS Projects that process standard B2B business communication and enveloping protocols, such as HIPAA. HIPAA PM works during message processing with eXchange to provide the following features:

- Message transport
- Message tracking
- Error handling

HIPAA PM and the HIPAA OTD Library

HIPAA PM provides packaged Business Protocols with rules that process and validate HIPAA messages, which are called OTDs in the Java CAPS. The Java CAPS provides packaged HIPAA OTDs as part of the HIPAA OTD Library. You can also build your own OTDs using the SEF OTD wizard, which is supplied with eGate.

Third-party Message Validation

HIPAA PM is compatible with the third-party message validation service EDIFICS.

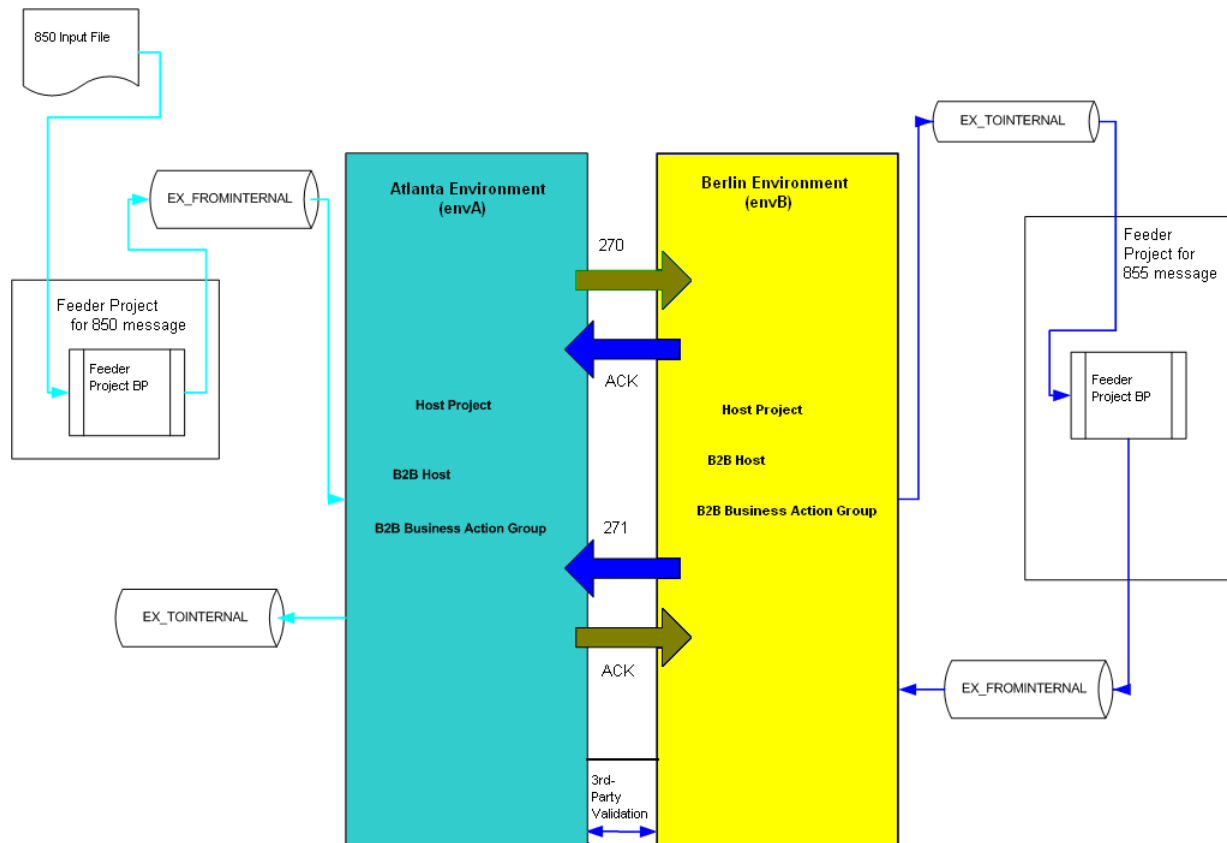
1.1.2 How HIPAA PM Works

Total operation of HIPAA PM happens in the following functional layers:

- **View:** The eXchange Protocol Designer provides the ability to create HIPAA Projects, and the eXchange Message Tracking feature allows the searching and viewing of HIPAA messages.
- **Services Orchestration:** You use the eXchange Service Designer to design a transaction set. Then, the HIPAA Project prepares and returns the interchange and functional acknowledgments (TA1 and 997) to the TP, as well as performing message correlation to associate the business response with the appropriate request.
- **Integration Services:** HIPAA Projects validate ISA and GS envelopes from incoming messages, prepare ISA and GS envelopes for outgoing messages, batch together documents to be delivered as a single transaction (ISA), and record the activities in Message Tracking.

For an example operational diagram, using HIPAA messaging formats 270 (Health Care Eligibility Benefit Inquiry) and 271 (Health Care Eligibility Benefit Response) with acknowledgements, see [Figure 1 on page 6](#).

Figure 1 Example Operational Diagram of HIPAA PM



1.1.3 User Interfaces

The user interfaces — Sun B2B Suite Enterprise Designer for Project design and Sun B2B Suite Enterprise Manager for system management and monitoring — ensure a unified look and feel across all editors in the suite, with a single sign-on process for access to any product.

The heart of eGate is the Repository, which is a comprehensive store of information common to the entire Java CAPS. A separate UDDI registry allows publication and discovery of Web services.

The run-time environment, which is J2EE™-compatible and certified, features high performance and dynamic scalability. The architecture uses Enterprise JavaBeans (EJBs) with Java™ Message Service (JMS) and Java™ Naming and Directory Interface (JNDI).

1.2 For Additional Reference

See the user's guide for the product, for a list of Sun documents that provide additional information about the HIPAA PM system. For information on any specific add-on product (for example, an eWay Adapter), see the user's guide for that product. A complete list of Java CAPS documentation is included in the *Sun Java™ Composite Application Platform Suite Primer*.

The documentation for the Sun Java™ Composite Application Platform Suite is distributed as a collection of online documents, which can be accessed through the Enterprise Manager (see the *Sun Java™ Composite Application Platform Suite Installation Guide*).

These documents, as well as the *HIPAA Protocol Manager User's Guide*, are in the Adobe Acrobat format, which requires that Acrobat Reader be installed on your computer. Acrobat Reader can be from Adobe Systems as a free download from the following URL:

<http://www.adobe.com>

1.3 Sun Microsystems, Inc. Web Site

The Sun Microsystems web site is your best source for up-to-the-minute product news and technical support information. The site's URL is:

<http://www.sun.com>

1.4 Documentation Feedback

We appreciate your feedback. Please send any comments or suggestions regarding this document to:

CAPS_docsfeedback@sun.com

New Features in the 5.1.0 Release

This chapter discusses HIPAA PM features that are new in Release 5.1.0.

What's in This Chapter

- [Architecture and Compatibility](#) on page 8
- [Additional Features](#) on page 8

2.1 Architecture and Compatibility

- Updated operating system and processor support (see the *Sun Java™ Composite Application Platform Suite Installation Guide* for a complete listing) for the Java CAPS version 5.1.2
- Complete integration with B2B Suite version 2.0
- Total compatibility with eXchange Integrator version 5.1.0

2.2 Additional Features

See the *HIPAA Protocol Manager User's Guide* for a complete description of the new features available in HIPAA PM version 5.1.0. These features include a new, improved ePartner Manager (ePM) with greater capabilities and more versatile Trading Partner (TP) configuration and system messaging capabilities.