

webMethods adapters

Real Time Supply Chain (RTSC) Solution

Data sheet



Adapters are used to interconnect data from heterogeneous supply chain applications with the HP Real Time Supply Chain (RTSC) Foundation Layer. These adapters take data in their existing forms from Service Access Point (SAP) sources and pass that data on to the HP RTSC Data Store in an industry-standard form (Java Message Service, or JMS), much like an electrical adapter allows equipment built for 60-cycle electricity to work in places that use 50-cycle power.

Key features and benefits

- No need to worry about the form data comes in. Adapters enable standard application integration software to handle data in a prescribed form.
- No need to “pre-message” data from a mixture of sources. Adapters enable hybrid systems to interconnect.
- Ability to graduate from slow data to real-time data. Adapters facilitate the flow of data in real time in a constellation of systems.

webMethods adapters integrate diverse enterprise applications with the HP RTSC Solution and facilitate the flow of data in real time.

Detailed description

webMethods products, running under the HP-UX Operating System, or Linux or Microsoft® Windows® operating system, provide several ways to integrate enterprise applications with an HP RTSC Solution. The following webMethods adapters and built-in services are recommended for use between the webMethods platform and the RTSC Foundation Layer running on HP NonStop servers.

webMethods JMS adapter

The webMethods JMS adapter is the preferred option for integrating the webMethods platform with the RTSC Foundation Layer because JMS

- Guarantees reliable messaging
- Supports publish-and-subscribe functions
- Is supported by BEA WebLogic Server for NonStop servers and inherits the reliability and scalability characteristics of NonStop server applications

The Integration Server JMS adapter uses WebLogic Server resident client libraries and connects with the JMS capability of WebLogic Server on the NonStop system.

webMethods built-in file and FTP services

The webMethods built-in file and File Transfer Protocol (FTP) services are useful for high-volume batch operations. The built-in FTP service transfers data as flat files, or XML, using FTP. Built-in services are also available for HTTP and Simple Mail Transfer Protocol (SMTP).

Technical specifications

System requirements

Hardware	HP NonStop S-series Server (for running the RTSC Foundation Layer) HP server running HP-UX Operating System, or Linux, Windows NT®, Windows 2000, Windows 2000 Professional, or Windows XP operating system (for running the webMethods Integration Platform)
Software	
<i>NonStop server</i>	HP NonStop Kernel Operating System Release Version Update (RVU) G06.18 or later HP Open System Services (OSS) Environment BEA WebLogic Server 8.1 or later (to use the JMS adapter; must be ordered directly from BEA) FTP server (to use the webMethods File adapter)
<i>webMethods Integration Platform</i>	webMethods Integration Server 6.0.1 webMethods Developer 6.0.1 webMethods JMS adapter for 6.01 webMethods SAP adapter 4.6 (for integrating SAP applications)

Other webMethods adapters, as required by enterprise applications
WebLogic Server JAR file (weblogic.jar; for access to WebLogic Server JMS)

Supported HP platforms

Hardware	NonStop S-series Server (for running the RTSC Foundation Layer) HP server running HP-UX Operating System, or Linux, Windows NT, Windows 2000, Windows 2000 Professional, or Windows XP operating system (for running the webMethods Integration Platform)
Software	NonStop Kernel Operating System RVU G06.18 or later OSS Environment HP-UX Operating System, Linux, or Windows NT, Windows 2000, Windows 2000 Professional, or Windows XP operating system

Ordering information

Note: Detailed documentation on how to install and configure the webMethods adapters on a NonStop server platform will be provided as part of the RTSC Solution that includes the other new RTSC Controlled Availability components: Real Time Information Director and Data Model. For more information, contact your local HP sales representative.

Product name	Order process
webMethods JMS adapter	webMethods products should be ordered directly from webMethods. For assistance, contact your local HP sales representative.

For more information

For more information about webMethods adapters for the RTSC Solution, visit www.hp.com/go/rtsc.

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For more information, visit www.hp.com/go/rtsc.
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