

**Hyperion® Translation Manager  
Release 9.3.1  
Readme**



## Readme File

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## Purpose

The purpose of this document is to outline the known issues and general considerations for this release of Hyperion® Translation Manager. You should review all of the information in this document before you begin using this release of Translation Manager.

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## What is Translation Manager 9.3.1?

Translation Manager is a Web-based data mapping application that enables users to build and maintain data mapping rules quickly and easily outside the Hyperion® Application Link integration design environment. These rules are then utilized at integration runtime through the use of Translation Adapter.

Translation Manager provides functionality to minimize the time needed to develop, manage, and maintain the data mapping rules that are required to integrate a variety of external data sources with Hyperion’s Business Performance Management suite of applications.

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## Compatible Software

This release of Translation Manager is compatible with the following software releases:

- Translation Adapter 9.2.2
- Application Link 9.2 and 7.0
- Hyperion® Shared Services 9.3.1

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## Supported International Operating Systems

This release of Translation Manager is certified on the following international operating systems:

Language	Operating Systems
French	Windows NT4.0 SP5+, Windows 2003, Windows 2000, Windows XP
Japanese	Windows NT4.0 SP5+, Windows 2003, Windows 2000, Windows XP

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## Installation Updates

### Upgrading

If you upgrade any Hyperion product to release 9.3.1, you must also upgrade Hyperion Shared Services to release 9.3.1.

### Supported Upgrade Paths

If you are upgrading from a previous release of Hyperion products, note the following supported upgrade paths:

- 9.2.0.3 to 9.3.1

Note: Upgrading from 9.2 releases prior to 9.2.0.3 will be supported in an upcoming service pack.

- 9.3.0.x to 9.3.1

If you are using a release prior to 9.2.0.3, you must first upgrade to one of the versions noted above, and then upgrade to 9.3.1. See the product installation guides for the products you are using for upgrade procedures.

## Hyperion License Compliance

Hyperion no longer ships or requires Hyperion® License Server™ (or standalone license files) for use with Hyperion products.

To ensure compliance with your license agreement, Hyperion recommends that you implement an auditing process. In addition, during product configuration with Hyperion Configuration Utility, you activate only the features you purchased. After you configure each product, you must open the `registry.properties` file—in `<Hyperion_Home>\common\config` on the server on which you ran Hyperion Configuration Utility—to review and edit the product options. You must complete this step to ensure you comply with your license agreement and to activate features you are licensed to use. For more information, see “Hyperion License Compliance” in *Hyperion Installation Start Here*.

## Configuration

Configuration of Translation Manager has been standardized by means of Hyperion® Configuration Utility. This utility enables the configuration of multiple Hyperion products at the same time. User provisioning is done through the Shared Services User Management Console.

**Note:** On UNIX platforms, it is recommended that all Hyperion applications be installed with the same user name. All Hyperion products install common third-party and internal components under `HYPERION_HOME`. Installing them under the same user account ensures that installers have the permissions required to modify the `HYPERION_HOME` location on UNIX platforms.

Please refer to these documents:

- *Hyperion Installation Start Here* for system requirements information
- The *Hyperion Shared Services Installation Guide* for Shared Services installation and configuration instructions.
- The *Hyperion User Management Guide* for instructions on provisioning users.

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## Known Installation Issue

Translation Manager 9.3.1 cannot be auto-deployed to WebSphere ND. If WebSphere is installed with the Network Deployment option, the auto-deployment process for Translation Manager does not run correctly. For installation in such an environment, use the manual deployment option to create the necessary Web archive or Enterprise archive, depending on the application, and use the WebSphere application deployment tool to deploy the application to the required instance.

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## Other Known Issues

- When managing Shared Services models and naming applications, you cannot use the forward slash (/), backslash (\), or double quotation (") characters. All other alphanumeric and special characters can be used in application names.

- Using Hyperion Configuration Utility to redeploy an existing Web application to WebLogic 8.1.x does not work properly. A workaround is to first undeploy the Web application using the application server admin console, and then use Hyperion Configuration Utility to deploy the Web application fresh.
- Translation Manager stores the password for database connectivity in the `HtmDB.properties` file in encrypted form. Ensure this file is secure and is not universally accessible or readable.
- Microsoft SQL Server databases with hyphens ( - ) in their names are not supported.
- On UNIX platforms, the configuration tool script (`configtool.sh`) throws an error that the `.hyperion.host` name file does not exist or is not readable. This happens only if the host name has repeating characters (for example, the "ll" in `scplng2-install` or the "pp" in `guppy`). The workaround for this issue is to remove the following statement from the `configtool.sh` script before running it:

```
| tr -s '[A-Z]' '[a-z]'
```

- When you export a rules table, the file download dialog box displays a corrupted default file name if the file name contains non-Latin characters. You can type a new export file name to override the default.
- Translation Manager does not provide supplemental progress feedback for long-running processes such as data import, data export, and translation table validation. The default browser (Internet Explorer 6) status bar progress indicator is the only sign that a long-running process is active.
- Some of the rule syntax reserved characters do not migrate properly when the TMMigrate utility is run. As a result, the rule is not saved properly during a rule import into Translation Manager. Please review the migrated rule file before importing it into Translation Manager, and use the correct escape character for any reserved characters. See the *Hyperion Translation Manager User's Guide* for a list of reserved characters and the correct escape character.
- On HP-UX systems, when the Hyperion Home Migration Utility is used to copy Hyperion Home components to a new location, the migration utility sometimes does not remove components from the old location.
- On UNIX platforms, Application Server Deployment or Web Server Configuration tasks may fail if the temporary folder (as defined by the TEMP environment variable) contains `*-build.xml` files created by another user. Ensure that `*-build.xml` files do not exist in the temporary folder before running Hyperion Configuration Utility.
- If you are using Windows Server 2003 Service Pack 1 with Hyperion products, your system may experience an abnormal shutdown. To prevent this, install the update from Microsoft by going to: <http://support.microsoft.com/kb/923996/>

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## Tips and Troubleshooting

- The Translation Manager repository database user name, password, and database name must be created in English.

- Translation Manager does not support repository database access through native Windows NT user authentication. A native database username must be created for access to the Translation Manager repository, and it must be in English.
- Imported translation tables are not automatically saved. When you import a translation table, a reminder is displayed in the page information area, and you are given the opportunity to save the imported information.
- The maximum length of a member list folder name is 80 characters. Member list folder names longer than approximately 20 characters are truncated, and scrolling is required.
- Translation rule reserved characters (\*,?, \, and so on) must be typed using the English (single-byte) representation of the characters. For instance, Japanese platforms support both single-byte and double-byte representations of these characters, but Translation Manager does not recognize double-byte representations during the validation or translation process.
- The search capability on the Edit Rule page shares the same wildcard rule syntax as any translation rule. When you search by wildcard, escape all reserved characters with a “\” notation. For example, to search for all range rules beginning with “500~” use the following syntax: 500\~\*
- Translation Manager information and error log messages are output to the default application server console. Tomcat 5.0.28 console log information is not saved to disk and is only available in the foreground console window. Because this information may be required to debug installation, configuration, or login issues, Hyperion recommends that you run the Tomcat application server as a foreground process during the installation validation process. After the installation and access to the system is confirmed, you can configure Tomcat to run as a Windows NT/2000 service.
- Translation tables are locked whenever a user edits or validates a rule table. These locks prevent two users from editing the same table and the translation adapter from using a table if it is being edited. Table locks are removed in the following events:
  - Whenever you leave the edit, design, import, or validate pages using an application menu or button

**Note:** The lock is not removed if you use the browser’s Back button.

- Whenever you log off Translation Manager
- If you close the browser during a table edit session, after your Translation Manager Web application session times out

To ensure that all table locks are properly released, Hyperion recommends that you always use the Logoff link to end a Translation Manager session.

- The Translation Manager Web application session timeout length is controlled and maintained by your application server. To alter the timeout parameter for Tomcat, JRun, WebLogic, and WebSphere, please use the respective administrative consoles for those products.
- Application Server Java Virtual Machine (JVM) heap size settings can also impact rule table save performance. Hyperion recommends an application server JVM heap size of 128MB for optimum performance.

You can change heap size using the application server-specific procedures described in the following table:

Application Server	Procedure
Tomcat 5.0.28	<p>Modify the file for your operating system:</p> <ul style="list-style-type: none"> <li>• Windows              <code>\$HYPERION_HOME\deployments\Tomcat5\bin\setCustomParamsHTMSTServer.bat</code> </li> <li>• UNIX              <code>\$HYPERION_HOME/deployments/Tomcat5/bin/setCustomParamsHTMSTServer.sh</code> </li> </ul> <p>Change the JAVA_OPTS entry:  <code>set JAVA_OPTS=-server -Xms128m -Xmx128m</code></p>
WebLogic 8.1.6 or 9.1	<p>Modify the file in your WebLogic deployment folder for your WebLogic version and operating system:</p> <ul style="list-style-type: none"> <li>• WebLogic 8.1.6           <ul style="list-style-type: none"> <li>○ Windows                  <code>\$HYPERION_HOME\TranslationManager\9.3\AppServer\InstalledApps\WebLogic\8.1\HTMSTServerDomain\startHTMSTServerDomain.cmd</code> </li> <li>○ UNIX                  <code>\$HYPERION_HOME/TranslationManager/9.3/AppServer/InstalledApps/WebLogic/8.1/HTMSTServerDomain/startHTMSTServerDomain.sh</code> </li> </ul> </li> <li>• WebLogic 9.1           <ul style="list-style-type: none"> <li>○ Windows                  <code>\$HYPERION_HOME\deployments\Weblogic91\bin\setCustomParamsHTMSTServer.bat</code> </li> <li>○ UNIX                  <code>\$HYPERION_HOME/deployments/Weblogic91/bin/setCustomParamsHTMSTServer.sh</code> </li> </ul> </li> </ul> <p>Change the set MEM_ARGS entry:  <code>set MEM_ARGS=-Xms128m -Xmx128m</code></p>
WebSphere 6.1	<p>Use the WebSphere admin console, Application Server -&gt; HTMSTServer -&gt; Process Definition -&gt; Java Virtual Machine; change Initial Heap Size and Maximum Heap Size to 128m.</p>

You can use the following internal table save test results as a guideline:

- Hardware: 1 500MHz CPU, 486MB RAM
- Software: BEA WebLogic 8.1 Application Server, 128MB Heap Size
- Rule Table: 1 Input and 1 Output fields (each 20 characters in length)

Number of Records	Time (mm:ss)
1,000	0:03
5,000	0:15
10,000	0:32
50,000	2:33
100,000	5:18

Tables that contain more input or output fields take longer to save.

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## Accessing Hyperion Product Documentation

The most recent version of each Hyperion product guide is available for download from the Documentation area of the Oracle Technical Network (OTN) Web site (<http://www.oracle.com/technology/index.html>).

Documentation is also available from the Oracle E-Delivery Web site ([http://edelivery.oracle.com/EPD/WelcomePage/get\\_form](http://edelivery.oracle.com/EPD/WelcomePage/get_form)). Please note that individual product guides are available for download on the Oracle Technical Network (OTN) Web site only.

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