
# Hyperion Integration Server Release 2.0

*Installation and Migration*

Congratulations on receiving Hyperion® Integration Server Release 2.0. Hyperion Integration Server enables you to transfer the relevant data in a relational database to a Hyperion Essbase® database quickly and easily. This booklet contains information on:

- Creating an installation or migration plan.
- Planning for migrating OLAP models, metaoutlines, and Open Database Connectivity (ODBC) definitions.
- Platform support and hardware requirements.

For detailed installation information, see the *Hyperion Integration Server Installation Guide*.

For information on Hyperion Integration Server Release 2.0 new features and documentation, see the *Hyperion Integration Server New Features* booklet.

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# Contents

# Installing Hyperion Integration Server Release 2.0

If you are a new user, see "Installation Roadmap" on page 6. For detailed installation information, see the *Hyperion Integration Server Installation Guide*. For platform information, see "Platform Support and Hardware Requirements" on page 11.

## What's Changed in the Installation

The following installation and platform-related changes are implemented in Release 2.0:

### New Sample Application

Hyperion Integration Server Release 2.0 provides a new sample database based on a fictitious company named The Beverage Company (TBC). A new sample OLAP Metadata Catalog (TBC_MD) contains a sample OLAP Model (TBC Model) and a sample metaoutline (TBC Metaoutline). The sample model includes attribute-enabled columns, and the sample metaoutline includes attribute dimensions.

**CAUTION:** If you have installed the sample application from a previous release of Hyperion Integration Server, you should back up your existing sample database, OLAP Metadata Catalog, and the OLAP models and metaoutlines that you want to preserve. You can then upgrade your existing catalog to be compatible with the current release of the software (see "Migrating Existing OLAP Metadata Catalogs" on page 10). You cannot, however, store new sample OLAP models and metaoutlines in your previous catalog.

## New Platform Version Requirements

Some previous platform versions that were supported by Hyperion Integration Server Release 1.1 are not supported by Release 2.0. Please note the following unsupported platform versions:

- Release 2.0 does not support NT 4.0 servers with SP3 (version 4.0 servers with SP5 are supported).
- Release 2.0 does not support AIX version 4.2 servers (version 4.3.3 servers are supported).
- Release 2.0 does not support Solaris version 2.5 servers (version 2.6, version 7, and version 8 servers are supported).
- Release 2.0 does not support Sybase version 11.*x* or Informix version 9.*x* servers or any other versions of Sybase and Informix servers.

For complete details on Release 2.0 platform support, see "Platform Support and Hardware Requirements" on page 11.

## Default Installation Directory

The default directory for new installations is now `C:\Hyperion\is` (`$HOME/hyperion/is` on UNIX). Formerly, the default directory was `C:\is` (`home/is` on UNIX). You may need to update your environment variables, depending on whether you are installing Hyperion Integration Server on the same machine as Hyperion Essbase and whether you have a previous release of Hyperion Integration Server installed. For details, see "Setting Path Variables" on page 9.

# Installation Roadmap

This section provides an overview of the steps required to set up the environment, communications, and Hyperion Integration Server software. For platform information, see "Platform Support and Hardware Requirements" on page 11. If you are migrating from an earlier release of Hyperion Integration Server, also see "Migrating to Release 2.0" on page 8. For detailed installation information, see the *Hyperion Integration Server Installation Guide*.

## Preparing for Installation

➤ **To install Hyperion Integration software:**

1. Verify that you have all the required Hyperion Integration Server components.
2. Verify that your system will support Hyperion Integration Server.
3. Check for migration issues (see "Migrating to Release 2.0" on page 8).
4. Install Hyperion Essbase OLAP Server Release 6.0 or later, if it is not already installed on the network.
5. Enable Hyperion Essbase to work with Hyperion Integration Server by running `register.exe` (`register` on UNIX) and entering your new license number provided on your Hyperion Integration Server registration card (see the *Hyperion Integration Server Installation Guide*).
6. Install Hyperion Integration Server client and server software.

# Completing the Installation

➤ **To complete the installation process:**

1. To build OLAP models and metaoutlines from your own relational data source, perform the following steps on the server:

   - Configure the relational data source that you want to use as an ODBC data source.

     Configuring a data source as an ODBC data source requires mapping a supported ODBC driver to the data source database.

   - Create an OLAP Metadata Catalog in which to store OLAP models and metaoutlines.
   - Configure the OLAP Metadata Catalog as an ODBC data source.

2. To use the sample application to build sample OLAP models and metaoutlines, perform these steps:

   - Create TBC, the relational data source for the sample OLAP models and metaoutlines.
   - Configure the TBC data source as an ODBC data source.
   - Create TBC_MD, the OLAP Metadata Catalog in which the sample OLAP models and metaoutlines are stored.
   - Configure the TBC_MD OLAP Metadata Catalog as an ODBC data source.

For details, see the *Hyperion Integration Server Installation Guide*.

# Migrating to Release 2.0

This section describes compatibility between Hyperion Integration Server Release 2.0 and previous Releases 1.0 and 1.1. Before you install Hyperion Integration Server Release 2.0, back up all Hyperion Integration Server files from previous releases. This will enable you to revert to a previous release level if you encounter problems.

The current Hyperion Integration Server Release is limited to Windows NT, Windows 2000, AIX, HP-UX, and Solaris for server software, and to Windows 95, Windows 98, Windows NT, and Windows 2000 for client software (see "Platform Support and Hardware Requirements" on page 11).

## ODBC Drivers on Windows NT

If you are using the INTERSOLV (now named MERANT) ODBC drivers supplied with Hyperion Integration Server Release 1.0 on Windows NT, you can upgrade the drivers to version 3.6 when you install Hyperion Integration Server Release 2.0.

Perform the upgrade by using either of the following methods:

- To preserve existing definitions, install Hyperion Integration Server Release 2.0 in a new location. Be sure that you do not update the ODBC definitions when the installation program prompts you to do so. You can continue to use the earlier ODBC definitions. See "Setting Path Variables" on page 9 to set your paths correctly.
- If you do not need to preserve your existing definitions, remove the ODBC definitions using ODBC Administrator in Windows 95, Windows 98, Windows NT, or Windows 2000. Then uninstall Hyperion Integration Server Release 1.0 or Release 1.1, and install the Hyperion Integration Server Release 2.0 software.

# Setting Path Variables

If you are installing Hyperion Integration Server Release 2.0 on the same machine as Hyperion Essbase Release 6.0, the installation process will update your variables correctly.

If you do not have an earlier version of Hyperion Integration Server installed, the Release 2.0 installation process also will update your variables correctly.

If you have an earlier release of Hyperion Integration Server and are installing Hyperion Integration Server Release 2.0 on a different machine from Hyperion Essbase, make sure the path variables on the machine where Hyperion Integration Server 1.0 or 1.1 is installed are set as described in the following table.

### Path Variable Settings per Supported Operating System

| Operating System | Path Variable Settings[1] |
|---|---|
| Windows NT or Windows 2000[2] | `PATH=`*`CURRENT_PATH`*`;%ISHOME%\Bin;`<br>`%ISHOME%\odbclib;%ISHOME%\hyperlib;`<br>`%ISHOME%\esslib` |
| AIX[3] | `LIBPATH=$LIBPATH:$ISHOME/odbclib/$ISHOME/esslib`<br>`PATH=$PATH:$ISHOME/bin` |
| HP-UX[3] | `SHLIB_PATH $SHLIB_PATH:$ISHOME/`<br>`odbclib/$ISHOME/esslib`<br>`PATH=$PATH:$ISHOME/bin` |
| Solaris[3] | `LD_LIBRARY_PATH=`<br>`$LD_LIBRARY_PATH:$ISHOME/odbclib/$ISHOME/esslib`<br>`PATH=$PATH:$ISHOME/bin` |

1. %ISHOME% represents the main installation directory of Hyperion Integration Server on Windows systems. $ISHOME represents the main installation directory of Hyperion Integration Server on UNIX systems.
2. For Windows systems, check to make sure that the setup program did not add duplicate path entries for the Hyperion Integration Server directories.
3. If you are using MERANT (formerly INTERSOLV) ODBC drivers, place the MERANT library at the beginning of the library path; for example, `LIBPATH=$ISHOME/odbclib:$LIBPATH:$ISHOME/esslib`.

## Migrating Existing OLAP Metadata Catalogs

If you have an existing OLAP Metadata Catalog from a previous version of Hyperion Integration Server, you must update it before using OLAP Metadata Catalog with the new version of the software.

**CAUTION:** If you have installed the sample application from a previous release of Hyperion Integration Server, you should back up your existing sample database, OLAP Metadata Catalog, and the OLAP models and metaoutlines stored in the catalog. You can then upgrade your existing catalog to be compatible with the current release of the software, as described in this section. You cannot, however, store new sample OLAP models and metaoutlines in your previous catalog.

To update an existing OLAP Metadata Catalog, complete the table migration steps for the existing OLAP Metadata Catalog, as described in the *Hyperion Integration Server Installation Guide.*When connecting to the relational database, make sure to use the same user name and password as you used when you created the original OLAP Metadata Catalog.

**CAUTION:** After you have updated an OLAP Metadata Catalog, you cannot roll back to the previous version. The new version of OLAP Metadata Catalog is not compatible with previous releases of Hyperion Integration Server. In addition, do not attempt to use the Release 2.0 catalog with Release 1.1 software. Doing so could result in corrupted OLAP Metadata Catalog data.

## Registering with Hyperion Essbase Software

Hyperion Integration Server Release 2.0 requires Essbase OLAP Server Release 6.0 or later to be installed on a computer on the network. If Hyperion Essbase is not already installed on the network, install it before starting the installation of Hyperion Integration Server.

After Hyperion Essbase is installed, you must enable at least one Essbase OLAP Server on the network to work with the Hyperion Integration Server software. The Hyperion Integration Server product includes a registration card with a new license number for each Hyperion Essbase server you are licensed to enable in this way. For more information, see the *Hyperion Integration Server Installation Guide*.

# Platform Support and Hardware Requirements

Hyperion Integration Server Release 2.0 requires Hyperion Essbase OLAP Server Release 6.0 or higher and supports the following server and client platforms. Except where noted, these are minimum requirements.

## Server Platforms

| | |
|---|---|
| Windows Version | • Windows NT 4.0, SP5 on Pentium or later computers<br>• Windows 2000 on Pentium or later computers |
| AIX Version | 4.3.3 or higher on PowerPC computers, including RS 6000 |
| HP-UX Version | 11.0 on PA-RISC computers |
| Solaris Version | 2.6, 7, and 8 (Sun OS 5.6, 5.7, or 5.8) on Sun SPARC or ULTRASPARC computers |
| UNIX Library | • AIX—Kernel-threads with pthread API for AIX<br>• HP-UX—Kernel-threads<br>• Solaris (Sun OS)—Solaris threads |
| RAM | 64 MB or greater<br>**Member Load Memory Requirements Formula:**<br>• Windows: 10 MB + (700 Bytes x number of members)<br>• UNIX: 50 MB + (700 Bytes x number of members) |
| Disk Space | • 28 MB for OLAP Integration Server and OLAP Command Interface<br>• 1 MB for OLAP Metadata Catalog (as shipped)<br>• 30 MB for OLAP Metadata Catalog (when created on the relational database)<br>• 3 MB for the sample application (as shipped)<br>• 20 MB for the sample application (when created on the relational database)<br>**Optional Items:**<br>• 10 MB for Hyperion Integration Server PDF documentation<br>• 3 MB for MERANT driver PDF documentation<br>• 45 MB TOTAL (as shipped)<br>• 95 MB TOTAL (when set up) |
| Network Protocol | TCP/IP |

## PC Client Platforms

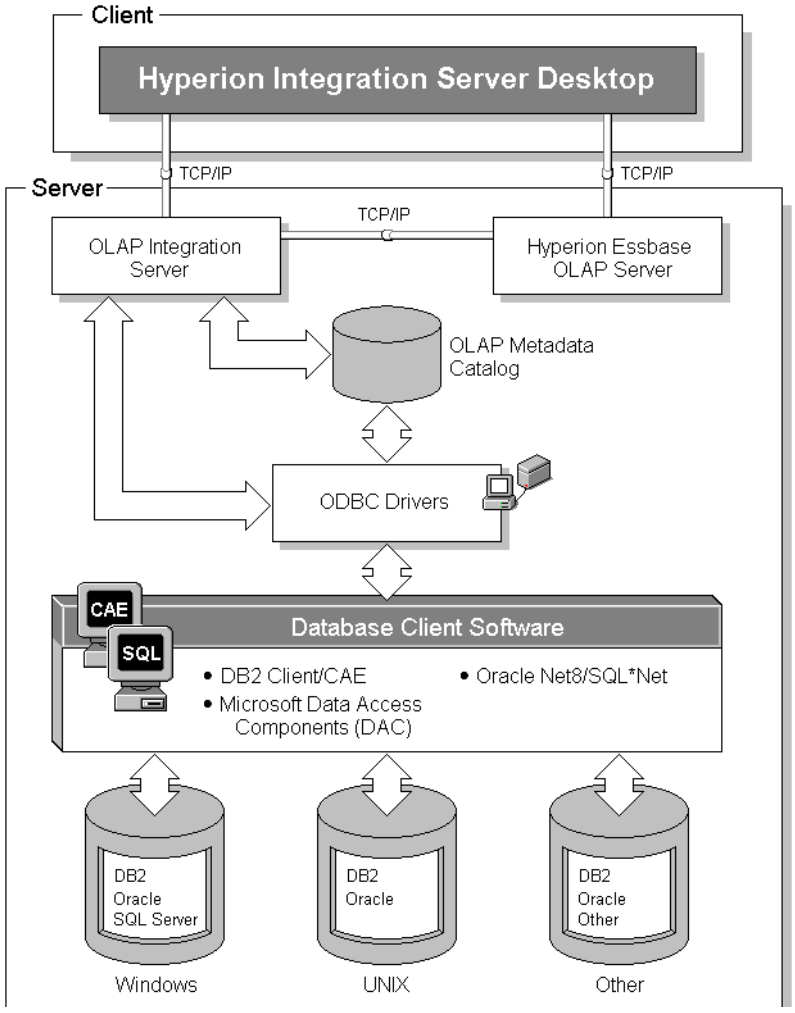
| | |
|---|---|
| Microprocessor | Pentium or later computers for Hyperion Integration Server Desktop |
| Windows Version | Windows 95, Windows 98, Windows NT 4.0 SP5, or Windows 2000 |
| Excel Version | Excel 97 or Excel 2000 for use with Hyperion Essbase Spreadsheet Add-in |
| Lotus 1-2-3 Version | Lotus 1-2-3 Millennium Release 9 or 9.1 for use with Hyperion Essbase Spreadsheet Add-in |
| Display | Resolution of at least 640 x 480 (800 x 600 or more recommended) |
| RAM | • 32 MB or greater for Hyperion Integration Server Desktop<br>• 16 MB for Hyperion Essbase Spreadsheet Add-in on Windows 95, Windows 98, Windows NT SP5, or Windows 2000 |
| Disk Space | • 45 MB for Hyperion Integration Server Desktop<br>• 18 MB for common files<br>**Optional items:**<br>• 10 MB for Hyperion Integration Server PDF documentation<br>• 63 MB TOTAL (73 MB to include Hyperion PDF documentation) |
| Network Protocol | TCP/IP |

# SQL Source Connectivity

With Release 2.0, OLAP Integration Server manages ODBC connections to the relational data source and to OLAP Metadata Catalog.

To accommodate ODBC connections between OLAP Integration Server and the relational data source and OLAP Metadata Catalog, Hyperion Integration Server provides MERANT Version 3.6 ODBC drivers for Windows NT, Windows 2000, AIX, HP-UX, and Solaris.

**Note:** Hyperion Integration Server Release 2.0 does not operate with MERANT Version 3.10 or Version 3.11 ODBC drivers.



## MERANT ODBC Drivers

Hyperion Integration Server Release 2.0 provides Version 3.6 MERANT (formerly INTERSOLV) ODBC drivers on Windows NT and Windows 2000, AIX, HP-UX, and Solaris.

Hyperion Solutions has tested the following database configurations with Release 2.0:

**Note:** Hyperion Solutions tests only a limited number of database and ODBC driver configurations. Contact the provider of the driver if you have problems with a configuration. This table applies only to Release 2.0.

### Supported ODBC Drivers per Database and Operating System on Which OLAP Integration Server Is Installed

| Database Server (Database Client) | Windows NT 4.0 or 2000 | AIX 4.3.3 | HP-UX 11.0[1] | Solaris 2.6, 7, or 8 (Sun OS 5.6, 5.7, or 5.8) |
|---|---|---|---|---|
| DB2 UDB 6.1 | DB2 6.1 ODBC | DB2 6.1 ODBC | DB2 6.1 ODBC | DB2 6.1 ODBC |
| DB2 UDB 7.1 | DB2 7.1 ODBC | DB2 7.1 ODBC | DB2 7.1 ODBC | DB2 7.1 ODBC |
| Oracle 8.04 (SQL*Net 8.0) | MERANT 3.6 | MERANT 3.6 | MERANT 3.6 | MERANT 3.6 |
| Oracle 8i (SQL*Net 8.0) | MERANT 3.6 | MERANT 3.6 | MERANT 3.6 | MERANT 3.6 |
| MS SQL Server 6.5.201 (no Client required) | MS SQL Server 6.5 ODBC | Not currently supported | Not currently supported | Not currently supported |
| MS SQL Server 7.0 (no Client required) | MS SQL Server 7.0 ODBC | Not currently supported | Not currently supported | Not currently supported |
| Sybase 11.*x* | Not currently supported | Not currently supported | Not currently supported | Not currently supported |
| Informix 9.*x* | Not currently supported | Not currently supported | Not currently supported | Not currently supported |

1. MERANT 3.6 ODBC drivers are supported only on HP-UX computers using 32-bit relational database client software.

**Note:** ODBC drivers used with Hyperion Integration Server must be thread-safe. All drivers in the matrix are thread-safe. HP-UX requires kernel-threads. Solaris requires Solaris threads, and AIX requires kernel-threads with pthread API.

# Where to Get More Information

Except for late-breaking news, each topic in this booklet is described in more detail in the documentation provided with this release.

For information on new features and documentation, see the *Hyperion Integration Server New Features* booklet.

For answers or comments on technical documentation, contact:

Hyperion Integration Server Technical Publications
Phone: 408-744-9500
FAX: 408-744-0400
E-mail: TechPubs@hyperion.com

For answers to technical questions on product, performance, and platform specifics, contact your authorized technical support provider, or:

Hyperion Integration Server Technical Support
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FAX: 408-744-1300
Internet: http://support.hyperion.com

Visit the Hyperion Solutions web site home page at http://www.hyperion.com



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