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## HYPERION® SYSTEM™ 9

*RELEASE 9.3.0.1 (AND 9.3.0.2 FOR HYPERION® SYSTEM™ 9 BI+™ AND  
HYPERION® SYSTEM™ 9 PERFORMANCE SCORECARD™)*

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SUPPORTED PLATFORM MATRICES



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# 1

# System Requirements

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## About System Requirements

This chapter describes general and product-specific system requirements for Hyperion® System™ 9 products.

General requirements apply to all or most Hyperion System 9 products. For example, operating system and processor requirements apply to all products; Java application server and relational database requirements apply to some products. Exceptions to general requirements are noted.

For each product, additional requirements (such as RAM, disk space, and required Hyperion System 9 and third-party software) are described. Disk space and RAM requirements are approximate. The installation program calculates the required disk space, based on your installation choices. Disk space estimates include documentation files (if applicable) and Hyperion common components. Documentation is installed automatically with some products.

The requirements described in this chapter are for a representative deployment of up to 150 total users (30 to 40 concurrent users) for one installation of a Hyperion product. For larger and more complex deployments—a larger number of users, multiple installations of one product, and installations of multiple products—Hyperion highly recommends that you call Hyperion Consulting Services to determine the appropriate number of servers for your environment.

For information on prerequisites, see ???

For information on current and backward compatibility with other Hyperion System 9 products, see [Chapter 2, “Release Compatibility.”](#)

Before installing Hyperion System 9 products, verify that all system requirements and prerequisites are met.

**Note:**

Hyperion acknowledges and supports the backward compatibility assertions made by third-party vendors. Therefore, where vendors assert backward compatibility, subsequent maintenance releases and service packs may be used. If an incompatibility is identified, Hyperion will specify a patch release on which the product should be deployed (and remove the incompatible version from the supported matrix) or provide a maintenance release or service fix to the Hyperion product code.

## General Hyperion System 9 Requirements

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- “Client Operating Systems” on page 10
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## Server Operating Systems and Processors

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- “IBM AIX” on page 8
- “Red Hat Linux” on page 9
- “Solaris” on page 9

### Microsoft Windows

Platform	Processor	Version	Applies To	Exceptions
32-bit	x86	<ul style="list-style-type: none"><li>● Windows 2003 SP1</li><li>● Windows 2000 Server SP4</li></ul>	<ul style="list-style-type: none"><li>● Hyperion® System™ 9 BI +™ Analytic Administration Services™</li></ul>	FDM Web server runs on Windows 2000 Server only if no other .NET

Platform	Processor	Version	Applies To	Exceptions
			<ul style="list-style-type: none"> <li>● Hyperion® System™ 9 BI +™ Analytic Integration Services™</li> <li>● Hyperion® System™ 9 BI +™ Analytic Provider Services™</li> <li>● Hyperion® System™ 9 BI +™ Analytic Services™</li> <li>● BI+</li> <li>● Hyperion® System™ 9 BPM Architect</li> <li>● Hyperion® System™ 9 Data Integration Management™</li> <li>● Hyperion® System™ 9 Financial Data Quality Management™</li> <li>● Hyperion® System™ 9 Financial Management™</li> <li>● Hyperion® License Server™</li> <li>● Hyperion® System™ 9 Master Data Management™</li> <li>● Performance Scorecard</li> <li>● Hyperion® System™ 9 Planning™</li> <li>● Hyperion® System™ 9 Shared Services™</li> <li>● Hyperion® System™ 9 Strategic Finance™</li> <li>● Hyperion® System™ 9 Translation Manager™</li> <li>● Hyperion® System™ 9 Workspace™</li> </ul>	<p>applications are installed. Not recommended.</p>
64-bit	Itanium 2	Windows 2003 SP1 (Server Enterprise Edition)	<ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● Analytic Integration Services</li> <li>● Analytic Provider Services</li> <li>● Analytic Services</li> <li>● Hyperion License Server</li> <li>● Planning</li> </ul>	<p>Windows 2003 is supported by the Planning Web server only if Tomcat is used.</p>
64-bit	AMD Opteron Intel Xeon	Windows 2003 SP1 (Server Enterprise Edition)	Analytic Services	

## HP-UX

Platform	Processor	Version	Applies To	Exceptions
32-bit	PA-RISC	HP-UX 11.11	<ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● Analytic Integration Services</li> <li>● Analytic Provider Services</li> <li>● Analytic Services</li> <li>● BI+*</li> <li>● Data Integration Management</li> <li>● Hyperion License Server</li> <li>● Performance Scorecard</li> <li>● Shared Services</li> <li>● Workspace</li> </ul>	
64-bit	Itanium 2	HP-UX 11.23 <sup>†</sup>	<ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● Analytic Integration Services</li> <li>● Analytic Provider Services</li> <li>● Analytic Services</li> <li>● BI+ (9.3.0.2 only)<sup>‡</sup></li> <li>● Hyperion License Server</li> <li>● Performance Scorecard (9.3.0.2 only)</li> <li>● Planning</li> <li>● Shared Services</li> </ul>	HP-UX 11.23 is supported by the Planning Web server only if Tomcat is used.

\*If running BI+ on a UNIX platform, do not use Financial Management as a data source.

<sup>†</sup>11.31 is also supported. See the Note about third-party backward compatibility in ["About System Requirements" on page 5](#).

<sup>‡</sup>For 9.3.0.1, supported only for Hyperion® System™ 9 BI+™ Production Reporting™ Standalone.

## IBM AIX

Platform	Processor	Version	Applies To	Exceptions
32-bit	PowerPC	<ul style="list-style-type: none"> <li>● AIX 5.3 ML3</li> <li>● AIX 5.2 ML7</li> </ul>	<ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● Analytic Integration Services</li> <li>● Analytic Provider Services</li> <li>● Analytic Services</li> <li>● BI+*</li> <li>● Data Integration Management</li> <li>● Hyperion License Server</li> <li>● Performance Scorecard</li> <li>● Planning</li> <li>● Shared Services</li> <li>● Translation Manager</li> </ul>	Shared Services requires AIX 5.2 ML8.



Platform	Processor	Version	Applies To	Exceptions
			<ul style="list-style-type: none"> <li>● Workspace</li> </ul>	
64-bit	PowerPC	<ul style="list-style-type: none"> <li>● AIX 5.3 ML3</li> <li>● AIX 5.2 ML7</li> </ul>	<ul style="list-style-type: none"> <li>● Analytic Integration Services</li> <li>● Analytic Services</li> </ul>	

\*If running BI+ on a UNIX platform, do not use Financial Management as a data source.

## Red Hat Linux

Platform	Processor	Version	Applies To	Exceptions
32-bit	x86	Red Hat Linux AS 4.0 Update 2 with glibc-2.3.4-2.13 or later	<ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● Analytic Integration Services</li> <li>● Analytic Provider Services</li> <li>● Analytic Services</li> <li>● BI+*</li> <li>● Data Integration Management</li> <li>● Hyperion License Server</li> <li>● Performance Scorecard</li> <li>● Shared Services</li> <li>● Workspace</li> </ul>	

\*If running BI+ on a UNIX platform, do not use Financial Management as a data source.

## Solaris

Platform	Processor	Version	Applies To	Exceptions
32-bit	SPARC	<ul style="list-style-type: none"> <li>● Solaris 10</li> <li>● Solaris 9</li> </ul>	<ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● Analytic Integration Services</li> <li>● Analytic Provider Services</li> <li>● Analytic Services</li> <li>● BI+*</li> <li>● Data Integration Management</li> <li>● Hyperion License Server</li> <li>● Performance Scorecard</li> <li>● Planning</li> <li>● Shared Services</li> <li>● Translation Manager</li> <li>● Workspace</li> </ul>	
64-bit	SPARC64	<ul style="list-style-type: none"> <li>● Solaris 10</li> <li>● Solaris 9</li> </ul>	<ul style="list-style-type: none"> <li>● Analytic Integration Services</li> <li>● Analytic Services</li> </ul>	

\*If running BI+ on a UNIX platform, do not use Financial Management as a data source.

## Client Operating Systems

- “Microsoft Windows” on page 10
- “Red Hat Linux” on page 10

### Microsoft Windows

Platform	Version	Exceptions
32-bit	<ul style="list-style-type: none"> <li>• Windows 2003 SP1</li> <li>• Windows XP Professional</li> <li>• Windows 2000 Professional</li> <li>• Windows 2000 Server SP4</li> <li>• Citrix Metaframe 4.0 (on Windows 2000 Server SP4)</li> </ul> <p>Clients on which Citrix Metaframe XP is supported:</p> <ul style="list-style-type: none"> <li>• Data Integration Management</li> <li>• FDM</li> <li>• Financial Management</li> <li>• Production Reporting</li> <li>• Performance Scorecard</li> <li>• Hyperion® System™ 9 Smart View for Office™</li> <li>• Spreadsheet Add-in</li> <li>• Strategic Finance</li> </ul>	<p>Clients on which Windows 2000 Server is not supported:</p> <ul style="list-style-type: none"> <li>• Hyperion® System™ 9 BI+™ Financial Reporting™</li> <li>• Hyperion MDM</li> <li>• Hyperion® System™ 9 BI+™ Interactive Reporting™</li> <li>• Hyperion® System™ 9 BI+™ Web Analysis™</li> </ul> <p>Windows 2000 Professional, not supported by Spreadsheet Add-in.</p>

### Red Hat Linux

Platform	Version	Restriction
32-bit	Red Hat Linux 4.0 Update 2 with glibc-2.3.4-2.13 or later	Red Hat Linux, supported only for the Performance Scorecard client.

### Java Runtime Environment

Platform	Windows	UNIX	Exceptions
32-bit	JRE 1.5.0 Update 9	AIX: 5.0.0.75 pap32dev-20061002a Linux and Solaris: JRE 1.5.0 Update 9 HP-UX: 1.5.0_04	Products that do not require JRE: <ul style="list-style-type: none"> <li>• FDM</li> <li>• Strategic Finance</li> </ul>
64-bit*	JRE 1.4.2 Update 12	AIX: 5.0.0.75 pap64dev-20061003a HP-UX: 1.5.0_04	

Platform	Windows	UNIX	Exceptions
		Solaris: JRE 1.5.0 Update 9	

\*To run 64-bit Analytic Services on 64-bit operating systems, 64-bit JVM is required. JVM is required for Hyperion License Server, triggers, data mining, and custom-defined functions that are used in calculation scripts.

## JVM Browser Plug-in

Platform	Windows
32-bit	JRE 1.5.0 Update 9
64-bit	JRE 1.4.2 Update 12

## Java Application Servers

If an application contains more than 500 users and 10,000 measures, deploy to a Java application server cluster for increased scalability.

Java Application Servers	Applies To	Exceptions
<ul style="list-style-type: none"> <li>● Apache Tomcat 5.0.28*</li> <li>● BEA WebLogic 9.1<sup>†</sup></li> <li>● BEA WebLogic 8.1.4<sup>‡</sup></li> <li>● IBM WebSphere 6.0.2.11<sup>d</sup></li> <li>● IBM WebSphere 5.1.1.7</li> <li>● Java Enterprise System 8.1 05Q4<sup>e</sup></li> <li>● Oracle 10g-10.1.2.0.2<sup>f</sup></li> </ul>	<ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● Analytic Provider Services</li> <li>● BI+: <ul style="list-style-type: none"> <li>○ Financial Reporting</li> <li>○ Web Analysis</li> <li>○ Workspace( Includes Interactive and Production Reporting)</li> </ul> </li> <li>● BPM Architect<sup>g</sup></li> <li>● Planning</li> <li>● Performance Scorecard</li> <li>● Shared Services</li> <li>● Translation Manager</li> </ul>	<p>Products on which Oracle 10g-10.1.2.0.2 is not supported:</p> <ul style="list-style-type: none"> <li>● BPM Architect</li> <li>● Translation Manager</li> </ul> <p>Web Analysis does not support clustering in a WebLogic Express deployment.</p> <p>Java Enterprise System is supported only for BI+ on Solaris.</p>

\*Apache Tomcat is automatically installed on all platforms. For deployments that require high availability or failover, Hyperion recommends the use of a commercially supported Java application server that supports high availability and failover.

<sup>†</sup>WebLogic Express is supported for each supported version of WebLogic.

<sup>‡</sup>Hyperion System 9 Release 9.3 is the last release to support WebLogic 8.1.4.

<sup>d</sup>WebSphere Express and Premium are supported for each supported version of WebSphere.

<sup>e</sup>Only manual deployment is supported for Java Enterprise System.

<sup>f</sup>Only manual deployment is supported for Oracle 10g-10.1.2.0.2.

<sup>g</sup>As a Web server, Financial Management uses only IIS; however, BPM Architect, a component of Financial Management, requires a Java application server.

## Repositories and Data Sources

Relational databases are used as data repositories, data sources, or both. Some Hyperion System 9 products support both OLAP and relational data sources.

- [“OLAP Data Sources” on page 12](#)
- [“Relational Data Repositories” on page 12](#)
- [“Additional Data Sources” on page 14](#)

### OLAP Data Sources

OLAP Data Sources	Applies To	Exceptions
<ul style="list-style-type: none"> <li>● Analytic Services 7.1.x or 9.x</li> </ul>	<ul style="list-style-type: none"> <li>● BI+</li> <li>● Smart View</li> </ul>	
<ul style="list-style-type: none"> <li>● IBM DB2 OLAP Server 8.2</li> <li>● IBM DB2 OLAP Server 8.1.7a</li> </ul>	BI+	BI+ Studios that do not support DB2 OLAP servers: <ul style="list-style-type: none"> <li>● Hyperion® System™ 9 BI+™ Interactive Reporting Studio™</li> <li>● Hyperion® System™ 9 BI+™ Financial Reporting Studio™</li> </ul>
<ul style="list-style-type: none"> <li>● Microsoft SQL Server 2005 SP1 Analysis Services*</li> </ul>	BI+	
<ul style="list-style-type: none"> <li>● Microsoft SQL Server 2000 SP3a Analysis Services†</li> </ul>	BI+	
<ul style="list-style-type: none"> <li>● NetWeaver BI (SAP BW) 7.0</li> <li>● SAP BW 3.1 or 3.5</li> </ul>	BI+	

\*Microsoft SQL Server Analysis Services, supported only by Windows-based BI+ servers.

†Microsoft SQL Server Analysis Services, supported only by Windows-based BI+ servers.

### Relational Data Repositories

Some relational databases are supported as both data repositories and data sources.

Products that require a dedicated data repository:

- Analytic Administration Services—A dedicated database repository is required for Analytic Administration Services only if Log Analyzer is used.
- Analytic Integration Services
- BI+
- BPM Architect—Oracle client must be installed on the Dimension server.
- Data Integration Management
- FDM

- Financial Management
- Hyperion MDM
- Performance Scorecard
- Planning
- Shared Services
- Translation Manager

Relational Data Repositories	Applies To	Exceptions
<ul style="list-style-type: none"> <li>● IBM DB2 8.2*†</li> <li>● IBM DB2 8.1.7a</li> </ul>	All products in the list above this table.	Products on which IBM DB2 is not supported: <ul style="list-style-type: none"> <li>● FDM</li> <li>● Hyperion MDM</li> </ul>
<ul style="list-style-type: none"> <li>● Microsoft SQL Server 2005 SP1‡</li> <li>● Microsoft SQL Server 2000 SP3a</li> </ul>	All products in list above this table	
<ul style="list-style-type: none"> <li>● Oracle 10g-10.2.0.2<sup>d</sup></li> <li>● Oracle 10g-10.1.0.5</li> <li>● Oracle 9i-9.2.0.5</li> </ul>	Products on which Oracle 10g-10.2.0.2 is supported: <ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● BI+</li> <li>● BPM Architect</li> <li>● Data Integration Management</li> <li>● Financial Management</li> <li>● Planning</li> <li>● Shared Services</li> <li>● Translation Manager</li> </ul>	
<ul style="list-style-type: none"> <li>● MySQL 4.0.12 (32-bit)</li> <li>● MySQL 4.0.23 (64-bit)</li> </ul>	MySQL is automatically installed on all platforms.	Products on which MySQL is not supported: <ul style="list-style-type: none"> <li>● BPM Architect</li> <li>● BI+</li> <li>● FDM</li> <li>● Financial Management</li> <li>● Hyperion® System™ 9 Business Rules™, which is installed with Analytic Administration Services</li> <li>● Hyperion MDM</li> <li>● Performance Scorecard</li> <li>● Planning</li> <li>● Strategic Finance</li> </ul>

\*IBM DB2 versions 8.1.7a and 8.2 are based on the same code base. DB2 8.1.7a is referred to as DB2 8.1 FP7a.

†If you use an IBM DB2 database for BPM Architect, DB2 9 Runtime Client and DB2 .NET Data Provider 9.1.0.2 must be installed on the BPM Architect Dimension server machine.

‡By default, SQL Server 2005 disables TCP/IP connections to the database. Ensure that the TCP/IP connections are enabled.

<sup>g</sup>For all supported versions of Oracle, the Oracle OLE provider and Oracle database server must be the same version.

## Additional Data Sources

See product-specific topics for information about supported data sources and connectivity.

Data Sources	Applies To	Exceptions
<ul style="list-style-type: none"> <li>● IBM DB2 v7x for z/OS</li> <li>● Informix 9.2 and later</li> <li>● MySQL*</li> <li>● ODBC 3.x</li> <li>● Red Brick 6.x</li> <li>● Sybase 12.x ASE</li> <li>● Sybase 12.x IQ</li> <li>● Teradata:†               <ul style="list-style-type: none"> <li>○ Teradata V2R5.1 and later</li> <li>○ Teradata V2R6.0 and later</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● Advanced Relational Access</li> <li>● BI+:               <ul style="list-style-type: none"> <li>○ Interactive Reporting</li> <li>○ Web Analysis‡</li> <li>○ Production Reporting</li> </ul> </li> <li>● Drill-through</li> <li>● Hybrid Analysis</li> <li>● SQL Interface</li> </ul>	
<ul style="list-style-type: none"> <li>● SAP R/3 4.6c and higher</li> <li>● mySAP R/3 5.0 and higher</li> </ul>	BI+ Production Reporting	

\*MySQL is supported for OLAP Metadata Catalog, but not as a data source.

†Teradata ODBC drivers must be obtained separately from NCR Corporation.

‡Web Analysis does not support Informix 9.2 and later, nor Sybase 12.x ASE.

## Database Connectivity

Protocols	Driver	Applies To	Exceptions
ODBC	DataDirect 5.1	<ul style="list-style-type: none"> <li>● Analytic Integration Services</li> <li>● Data Integration Management</li> <li>● FDM</li> <li>● Interactive Reporting</li> <li>● Production Reporting</li> <li>● SQL Interface</li> <li>● Translation Manager</li> </ul>	
JDBC	<ul style="list-style-type: none"> <li>● DataDirect 3.5 SP3</li> <li>● MySQL 4.0.12 (32-bit)</li> <li>● MySQL 4.0.23 (64-bit)</li> </ul>	<ul style="list-style-type: none"> <li>● Analytic Integration Services</li> <li>● Production Reporting</li> <li>● Hyperion® System™ 9 BI+™ Web Analysis Studio™</li> <li>● Shared Services</li> <li>● Analytic Integration Services</li> <li>● Web Analysis Studio</li> <li>● Shared Services</li> </ul>	

## Web Servers

Windows	UNIX	Applies To	Exceptions
<ul style="list-style-type: none"> <li>● Microsoft IIS 6.0 (on Windows 2003 SP1)*</li> <li>● Microsoft IIS 5.0 (on Windows Server 2000 SP4)</li> <li>● Apache Server 2.0.52</li> </ul>	Apache Server 2.0.52	<ul style="list-style-type: none"> <li>● BI+               <ul style="list-style-type: none"> <li>○ Financial Reporting</li> <li>○ Web Analysis</li> <li>○ Workspace</li> </ul> </li> <li>● BPM Architect</li> <li>● FDM</li> <li>● Financial Management</li> <li>● Hyperion MDM</li> <li>● Planning†</li> </ul>	Products on which Apache Server is not supported: <ul style="list-style-type: none"> <li>● BPM Architect</li> <li>● FDM</li> <li>● Financial Management</li> <li>● Hyperion MDM</li> </ul> IIS 5.0, not supported by FDM

\*BPM Architect uses IIS for Web Services.

†Planning can use an internal WebLogic or WebSphere Web server. BPM Architect, however, requires IIS 6.0 or 5.0.

## Web Browsers

Web Browsers	Applies To	Exceptions
<ul style="list-style-type: none"> <li>● Microsoft Internet Explorer 6.0*</li> <li>● Firefox 1.5.0.3†</li> </ul>	<ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● BI+</li> <li>● FDM</li> <li>● Financial Management</li> <li>● Performance Scorecard</li> <li>● Planning</li> <li>● Shared Services</li> <li>● Translation Manager</li> </ul>	Products on which Firefox is not supported: <ul style="list-style-type: none"> <li>● FDM</li> </ul>

\*Internet Explorer 7.0 is not supported.

†Firefox 2.0 is not supported.

Set your browser to enable JavaScript and cookies. Storing cookies on your computer is recommended; at a minimum, allow per-session (not stored) cookies. If a Web site is a trusted site, enable SSL (HTTPS).

### Note:

In Firefox, images in Hyperion online help systems may not display correctly. To correct this issue, download the Slashy extension from the following URL: <http://downloads.mozdev.org/slashy/slashy-170.xpi>. In Firefox, open the XPI file (using File > Open File). Then restart Firefox.

## Authentication Sources

Authentication Sources	Applies To	Exceptions
<ul style="list-style-type: none"> <li>● IBM Tivoli Directory Server 5.2</li> <li>● Lightweight Directory Access Protocol (LDAP)               <ul style="list-style-type: none"> <li>○ Sun One 5.2</li> <li>○ Novell eDirectory 8.7</li> <li>○ IBM Directory Server 5.1</li> <li>○ Domino LDAP 5.x and 6.0</li> </ul> </li> <li>● Microsoft Active Directory 2003</li> <li>● Microsoft Active Directory 2000</li> <li>● Microsoft NTLM*</li> <li>● Netegrity SiteMinder 5.5 SP2</li> <li>● OpenLDAP 2.3.37</li>   <li>● SAP Enterprise Portal 6.0 or 7.0</li> </ul>	<ul style="list-style-type: none"> <li>● Analytic Administration Services</li> <li>● Analytic Integration Services</li> <li>● Analytic Provider Services</li> <li>● Analytic Services</li> <li>● BI+</li> <li>● Data Integration Management</li> <li>● FDM</li> <li>● Financial Management</li> <li>● Performance Scorecard</li> <li>● Planning</li> <li>● Shared Services</li> <li>● Strategic Finance</li> <li>● Translation Manager</li>   <li>● BI+</li> <li>● Shared Services</li> </ul>	<p>Netegrity SiteMinder, not supported by FDM</p>

\*Shared Services running on UNIX requires Hyperion® Remote Authentication Module™ for UNIX authentication.

## Runtime Clients

Some Hyperion System 9 clients require the runtime clients of other Hyperion System 9 products. Which runtime clients are required is dependent on which Hyperion System 9 products are deployed. Runtime client versions and the server versions of Hyperion System 9 products must match.

## Screen Resolution

Hyperion System 9 products are optimized for a minimum screen resolution of 1024 x 768.

## Assistive Technologies

BI+ does not support Assistive Technologies.

Assistive Technologies apply only to Windows operating systems and Microsoft Internet Explorer.

Assistive Technologies	Windows
Screen reader	<ul style="list-style-type: none"> <li>● JAWS 7</li> <li>● JAWS 6.2</li> </ul>



Assistive Technologies	Windows
	<ul style="list-style-type: none"> <li>● Window Eyes 5.5</li> </ul>
Screen magnifier	<ul style="list-style-type: none"> <li>● MAGic 9.3</li> <li>● MAGic 9.0</li> </ul>

## Requirements for Foundation Services

- [“Hyperion License Server” on page 17](#)
- [“Shared Services” on page 17](#)
- [“Smart View” on page 17](#)

### Hyperion License Server

Item	Requirement
Disk space	300 MB
RAM	1.5 GB

### Shared Services

Item	Requirement
Disk space	400 MB
RAM	1.5 GB

### Smart View

Item	Requirement
Disk space	20 MB 34 MB for Smart View with Hyperion® Visual Explorer™
RAM	Depends on the size of the worksheets (64 MB minimum)
Required Hyperion software	<ul style="list-style-type: none"> <li>● If you are using Smart View to access Analytic Services as a data source, Analytic Provider Services is required.</li> <li>● Analytic Provider Services is not required to access Financial Management, Planning, and Workspace.</li> </ul>
Required third-party software	A version of Microsoft Office:

Item	Requirement
	<ul style="list-style-type: none"> <li>● Office 2003</li> <li>● Office XP (2002)</li> <li>● Office 2000</li> </ul> Microsoft Internet Explorer 6.0

## Requirements for BI+ Analytics

- [“Analytic Services” on page 18](#)
- [“Analytic Administration Services” on page 19](#)
- [“Analytic Integration Services” on page 20](#)
- [“Analytic Provider Services” on page 21](#)

### Analytic Services

- [“Analytic Server” on page 18](#)
- [“Clients” on page 18](#)

### Analytic Server

Disk space and RAM requirements are for Analytic Server and sample applications.

Item	Requirement
Disk space	1 GB
RAM	1 GB
Required Hyperion software	<ul style="list-style-type: none"> <li>● Hyperion License Server</li> <li>● Shared Services (unless using Analytic Services in native security mode)</li> </ul>

#### Note:

32-bit Administration Server supports both 32-bit and 64-bit Analytic Server. 64-bit Administration Server supports only 64-bit Analytic Server.

### Clients

- [“Analytic Services Runtime Client” on page 19](#)
- [“Application Programming Interface” on page 19](#)
- [“Spreadsheet Add-in” on page 19](#) (Windows only)

## Analytic Services Runtime Client

Item	Requirement
Disk space	20 MB
Required Hyperion software	Analytic Services

## Application Programming Interface

Item	Requirement
Disk space	20 MB
RAM	256 MB minimum
Required Hyperion software	Analytic Services

## Spreadsheet Add-in

Item	Requirement
Disk space	20 MB
RAM	64 MB
Required third-party software*	A version of Microsoft Excel: <ul style="list-style-type: none"><li>● Excel 2003</li><li>● Excel XP (2002)</li><li>● Excel 2000</li></ul>
Required Hyperion software	Analytic Services

\*If you plan to use the “install on first use” option when installing Microsoft Office products, pre-install Visual Basic for Applications (VBA). If you attempt a first-time launch of Spreadsheet Add-in without pre-installing VBA, the add-in fails to launch.

## Analytic Administration Services

- [“Administration Server” on page 19](#)
- [“Administration Services Console” on page 20](#)

## Administration Server

Item	Requirement
Disk space	500 MB*

Item	Requirement
RAM	32 MB * number of concurrent Administration Server users For example, 32 MB * 10 users = 320 MB.
Required Hyperion software	<ul style="list-style-type: none"> <li>Shared Services (unless using Analytic Services in native security mode)</li> <li>Analytic Services</li> </ul>

\* Allow extra disk space for data files and outline files that are copied to Administration Server during data loading and outline editing, respectively.

For detailed RAM requirements, see the *Administration Services Installation Guide*.

## Administration Services Console

Item	Requirement
Disk space	150 MB
RAM	64 MB per connected Analytic Server For example, 64 MB * 3 instances = 192 MB.
Required Hyperion software	Analytic Services

## Analytic Integration Services

- [“Analytic Integration Server” on page 20](#)
- [“Integration Services Console” on page 20](#)

## Analytic Integration Server

Item	Requirement
Disk space	170 MB
RAM	256 MB
Required Hyperion software	Analytic Services
ODBC and JDBC connectivity	See the <i>Analytic Integration Services Installation Guide</i> .

## Integration Services Console

Item	Requirement
Disk space	46 MB
RAM	64 MB minimum

Item	Requirement
Required Hyperion software	Analytic Services

## Analytic Provider Services

Item	Requirement
Disk space	340 MB
RAM	128 MB
Required Hyperion software	<ul style="list-style-type: none"> <li>● Shared Services</li> <li>● Analytic Services</li> <li>● Analytic Administration Services</li> <li>● Smart View</li> </ul>

## Requirements for BI+

- [“Financial Reporting” on page 21](#)
- [“Interactive Reporting” on page 23](#)
- [“Production Reporting” on page 24](#)
- [“Web Analysis” on page 25](#)
- [“Workspace” on page 27](#)

### Note:

If using the XML driver that is provided with BI+, you must install Microsoft XML Parser 4.0.

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### Caution!

If running BI+ on a UNIX platform, do not use Financial Management as a data source.

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## Financial Reporting

- [“Database Tier” on page 22](#)
- [“Middle Tier” on page 22](#)
- [“Client \(Standalone\)” on page 23](#)
- [“UNIX” on page 23](#)

## Database Tier

Item	Requirement
Hyperion software	One or more of the following Hyperion data sources: <ul style="list-style-type: none"> <li>● Analytic Services 7.x or 9.x</li> <li>● Financial Management 4.x or 9.x</li> <li>● Planning 4.x or 9.x</li> </ul>
Third-party software	<ul style="list-style-type: none"> <li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services (optional)*</li> <li>● NetWeaver BI (SAP BW) 7.0</li> <li>● SAP BW 3.1 or 3.5</li> </ul>

\*Microsoft SQL Server Analysis Services is only supported by Financial Reporting on Windows. The SSAS client and SSAS server versions must match.

## Middle Tier

Item	Requirement
Disk space	200 MB
RAM	1024 MB
Required third-party software	<ul style="list-style-type: none"> <li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services client (optional)*</li> <li>● Adobe Acrobat Distiller Server 6.0<sup>†</sup> or AFPL GhostScript 8.5.1, or GNU Ghostscript 7.0.6<sup>‡</sup></li> </ul>
Runtime clients	<ul style="list-style-type: none"> <li>● Analytic Services 7.x or 9.3<sup>d</sup></li> <li>● Financial Management 4.x or 9.x</li> <li>● Planning 4.x or 9.3<sup>e</sup></li> <li>● Microsoft SQL Server 2000 SP3a Analysis Services</li> <li>● Microsoft SQL Server 2005 SP1 Analysis Services</li> </ul>
Network Interface Controller	The server on which Financial Reporting runs must be configured with only one NIC card.

\*Microsoft SQL Server Analysis Services is only supported by Financial Reporting on Windows. The SSAS client and SSAS server versions must match.

<sup>†</sup>To obtain a copy of Acrobat Distiller Server 6.0, see your Hyperion account manager.

<sup>‡</sup>For Financial Reporting, you must use Ghostscript and not Distiller to import content into Microsoft Word and PowerPoint. When you run Hyperion® Configuration Utility™, you must choose AFPL Ghostscript 8.5.1 or GNU Ghostscript 7.0.6.

<sup>d</sup>The Analytic Services runtime client is installed automatically.

<sup>e</sup>The Planning runtime client is installed automatically.

## Client (Standalone)

Item	Requirement
Runtime clients	<ul style="list-style-type: none"><li>● Analytic Services 7.x or 9.3</li><li>● Financial Management 4.x or 9.3*</li></ul>
Required third-party software	<ul style="list-style-type: none"><li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services client<sup>†</sup></li><li>● SAP Java Connector (JCO) 2.1.7 (optional)- used to connect to SAP BW.<sup>‡</sup></li></ul>

\*The Analytic Services runtime client is installed automatically.

<sup>†</sup>Microsoft SQL Server Analysis Services is only supported by Financial Reporting on Windows. The SSAS client and SSAS server versions must match.

<sup>‡</sup>Configure the SAP data source access and authentication after installation, when BI+ create the correct SAP directories. Download it as a registered user at <https://service.sap.com/connectors>.

## UNIX

To perform chart generation, Financial Reporting and Web Analysis UI services require access to a graphics display device, either real or virtual. Hyperion recommends that an X virtual frame buffer (Xvfb) be used instead of a hardware graphics display device (because Xvfb performs all operations in memory and does not require that a screen or input device be attached to the computer. See *Hyperion System 9 BI+ Installation Guide* for UNIX.

## Interactive Reporting

- “Database Tier” on page 23
- “Middle Tier” on page 24
- “Client (Standalone)” on page 24

## Database Tier

Item	Requirement
Hyperion software	Analytic Services 7.x or 9.3
Third-party software	<ul style="list-style-type: none"><li>● IBM DB2 8.2 (ODBC)</li><li>● Informix 9.2 and later (ODBC)</li><li>● Microsoft SQL Server 2005 SP1 (ODBC)</li><li>● Microsoft SQL Server 2000 SP3a (ODBC)</li><li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services*</li><li>● Oracle 10g-10.2.0.2 (OCI and ODBC)</li><li>● Oracle 10g-10.1.0.5 (OCI and ODBC)</li><li>● Oracle 9i-9.2.0.5 (OCI and ODBC)</li><li>● SAP BW 3.1 or 3.5</li><li>● Sybase 12.x ASE (ODBC)</li></ul>

Item	Requirement
	<ul style="list-style-type: none"> <li>● Sybase 12.x IQ (ODBC)</li> <li>● Teradata V2R5.1 and later (ODBC)</li> <li>● Teradata V2R6.0 and later (ODBC)</li> <li>● Red Brick 6.x (ODBC)</li> <li>● ODBC 3.x (ODBC)</li> </ul>

\*Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services is supported by Interactive Reporting on Windows only.

## Middle Tier

Processor (Windows)	2 GHz minimum
Disk space	200 MB
RAM	220MB
Required third-party software	<ul style="list-style-type: none"> <li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services client*</li> <li>● SAP GUI 6.20 OLE DB for OLAP Provider†</li> </ul>
Runtime clients	<ul style="list-style-type: none"> <li>● Analytic Services 7.x or 9.3‡</li> </ul>

\*Microsoft SQL Server Analysis Services client is supported by Interactive Reporting on Windows only.

†For Windows only.

‡The Analytic Services runtime client is installed automatically. On Unix platforms, only version 9.3 is supported.

## Client (Standalone)

Item	Requirement
Runtime clients	Analytic Services 7.x or 9.3
Required third-party software	<ul style="list-style-type: none"> <li>● Adobe Acrobat Reader 6.0</li> <li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services client</li> <li>● SAP GUI 6.20 OLE DB for OLAP Provider</li> </ul>

## Production Reporting

- [“Database Tier” on page 24](#)
- [“Client \(Standalone\)” on page 25](#)

## Database Tier

Item	Requirement
Hyperion software	Analytic Services 7.x or 9.3



Item	Requirement
Third-party software	<ul style="list-style-type: none"> <li>● IBM DB2 8.2 (ODBC, JDBC, and DB2)</li> <li>● Informix 9.4 and later (ODBC, JDBC, SDK 2.81)</li> <li>● Microsoft SQL Server 2005 SP1 (ODBC and JDBC)</li> <li>● Microsoft SQL Server 2000 SP3a (ODBC and JDBC)</li> <li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services*</li> <li>● Oracle 10g-10.2.0.2 (OCI, ODBC, and JDBC)</li> <li>● Oracle 10g-10.1.0.5 (OCI, ODBC, and JDBC)</li> <li>● Oracle 9i-9.2.0.5 (OCI, ODBC, and JDBC)</li> <li>● Redbrick Warehouse 6.30 and later (Windows ODBC)</li> <li>● NetWeaver BI (SAP BW) 7.0</li> <li>● SAP BW 3.1 or 3.5</li> <li>● SAP R/3 4.6c and higher</li> <li>● mySAP R/3 5.0 and higher</li> <li>● Sybase ASE 12.5.x and later, and 15.x and later (ODBC, JDBC, and SDK)</li> <li>● Sybase IQ 12.6 and later (Windows ODBC)</li> <li>● Teradata V2R5.1 and later (PP2 - Sun Solaris, HP/PA-RISC HP-UX)</li> <li>● Teradata V2R6.0 and later (PP2 - Sun Solaris, HP/PA-RISC HP-UX)</li> </ul>

\*Microsoft SQL Server Analysis Services is supported by Production Reporting on Windows only.

## Client (Standalone)

Item	Requirement
Runtime clients	<ul style="list-style-type: none"> <li>● Analytic Services 7.x or 9.3</li> </ul>
Required third-party software	<ul style="list-style-type: none"> <li>● Adobe Acrobat Reader 6.0</li> <li>● SAP Java Connector (JCO) 2.1.7 –Used to connect to SAP BW and R/3.*</li> </ul>

\*For Production Reporting, if you are installing Production Reporting DDO, SAP Java Connector (JCO) drivers are required. Configure the SAP data source access and authentication after installation, when BI+ create the correct SAP directories. Download it as a registered user at <https://service.sap.com/connectors>.

## Web Analysis

- “Database Tier” on page 26
- “Middle Tier” on page 26
- “Client (Web)” on page 26
- “UNIX” on page 27

## Database Tier

Item	Requirement
Hyperion software	Analytic Services 7.x or 9.3
Third-party software	<ul style="list-style-type: none"> <li>● IBM DB2 8.2 Enterprise Server Edition (JDBC)</li> <li>● Microsoft SQL Server 2005 SP1 (JDBC)</li> <li>● Microsoft SQL Server 2000 SP3a (JDBC)</li> <li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services (SSAS)</li> <li>● Oracle 10g-10.2.0.2 (JDBC)</li> <li>● Oracle 10g-10.1.0.5 (JDBC)</li> <li>● Oracle 9i-9.2.0.5 (JDBC)</li> <li>● NetWeaver BI (SAP BW) 7.0</li> <li>● SAP BW 3.1 or 3.5</li> <li>● Teradata V2R5.1 and later (JDBC)</li> <li>● Teradata V2R6.0 and later (JDBC)</li> </ul>
SQL grid relational connectivity*	Merant drivers

\*BI+ supports SQL Grid with Oracle, IBM DB2 and Microsoft SQL Server.

## Middle Tier

Item	Requirement
Runtime clients	<ul style="list-style-type: none"> <li>● Analytic Services 7.1.x or 9.x*</li> <li>● Financial Management 4.0.x, 4.1.x, or 9.x†</li> <li>● Java Plugin:1.5.0_90 and 1.4.2_12</li> <li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services client ‡</li> </ul>
Required third-party software	<ul style="list-style-type: none"> <li>● SAP Java Connector (JCO) 2.1.7</li> <li>● Microsoft SQL Server (2005 SP1 or 2000 SP3a) Analysis Services <sup>d</sup></li> </ul>

\*The Analytic Services runtime client is installed automatically.

†The version of the Financial Management ADM driver and the version of Financial Management that is used for Financial Reporting and Web Analysis must match.

‡The SSAS client and SSAS server versions must match.

<sup>d</sup>The SSAS client and SSAS server versions must match.

## Client (Web)

Item	Requirement
Java Runtime Environment	JRE is downloaded to the client computer when a user logs on Web Analysis Studio. The <code>WebAnalysis.properties</code> file contains settings for the correct version of JRE. See the <i>Hyperion System 9 BI+ Installation Guide</i> .

Item	Requirement
Java plug-in	<ul style="list-style-type: none"> <li>● Sun Java Plug-in 1.5</li> <li>● Sun Java Plug-in 1.4.2</li> </ul>

## UNIX

To perform chart generation, Financial Reporting and Web Analysis UI services require access to a graphics display device, either real or virtual. Hyperion recommends that an X virtual frame buffer (Xvfb) be used instead of a hardware graphics display device (because Xvfb performs all operations in memory and does not require that a screen or input device be attached to the computer. See *Hyperion System 9 BI+ Installation Guide* for UNIX.

## Workspace

Workspace consists of services and a Web application.

## Middle Tier

Item	Requirement
Processor (Windows)	2 GHz minimum
Disk space	1 GB For services: 200 MB For importing files: 1 GB minimum
RAM dedicated for Workspace	1 GB minimum For services: 1 GB minimum

## Requirements for Applications+

- [“Financial Management” on page 27](#)
- [“BPM Architect” on page 29](#)
- [“Planning” on page 29](#)
- [“Performance Scorecard” on page 31](#)
- [“Strategic Finance” on page 32](#)
- [“Translation Manager” on page 33](#)

## Financial Management

- [“Financial Management Server” on page 28](#)

- “Database Server” on page 28
- “Web Server” on page 28
- “Client” on page 29

## Financial Management Server

Item	Requirement
Processor (Windows)	Dual Pentium 4, 2 GHz minimum
Disk space	32 GB (10 GB available)
RAM	4 GB

## Database Server

Item	Requirement
Processor (Windows)	Dual Pentium 4, 2 GHz minimum
RAM	8 GB or higher recommended (4 GB minimum)

If using SQL Server, run it in mixed authentication mode, not in Windows-only mode.

## Web Server

The Web server and the application server or Financial Reporting server can be on the same computer.

For high performance, a very high speed LAN connection is required between the application and Web servers and the database server. In addition, good network availability between the application and Web servers and the database server is expected. The application server should be a trusted resource and should be behind the firewall and close to the database server. This arrangement improves performance and avoids additional network packet hops.

Item	Requirement
Processor (Windows)	Dual Pentium 4, 2 GHz minimum
Disk space	32 GB (10 GB available)
RAM	4 GB
Required Hyperion software	<ul style="list-style-type: none"> <li>● Shared Services</li> <li>● Hyperion License Server</li> <li>● BPM Architect (Optional if you are using Classic Application Administration)*</li> <li>● Workspace</li> </ul>

Item	Requirement
Required third-party software	<ul style="list-style-type: none"> <li>● Microsoft MDAC 2.7.1 or later</li> <li>● DCOM enabled</li> <li>● Microsoft .NET Framework 2.0<sup>†</sup></li> </ul>

\*BPM Architect is part of the Financial Management installation.

<sup>†</sup>Microsoft .NET Framework 2.0 is automatically installed by the Financial Management setup program.

## Client

Item	Requirement
Processor (Windows)	Pentium 4, 1 GHz minimum (basic and view users) Pentium 4, 1.6 GHz minimum (administrative users)
Disk space	50 MB
RAM	256 MB (basic and view users) 512 MB (administrative users)
Required third-party software	DCOM enabled on the client computer A version of Microsoft Excel is required to use Smart View: <ul style="list-style-type: none"> <li>● Excel 2003</li> <li>● Excel XP (2002)</li> <li>● Excel 2000</li> </ul>

## BPM Architect

BPM Architect can be installed as part of Financial Management and Planning. These system requirements are specific to BPM Architect.

Item	Requirement
Microsoft IIS (used for Web Services)	IIS 6.0 (for Windows 2003) or 5.0 (for Windows 2000)
Microsoft .NET 2.0 Framework	Installed by the Financial Management and Planning setup programs, if not already installed. See “Installing IIS” in the <i>Hyperion System 9 Financial Management Installation Guide</i> or <i>Hyperion System 9 Planning Installation Guide</i> .

## Planning

- [“Database Tier” on page 30](#)
- [“Middle Tier” on page 30](#)
- [“Client” on page 30](#)

## Database Tier

The database tier consists of the servers that host the relational and Analytic Services databases.

Item	Requirement
Analytic Services	See Analytic Services requirements. *
Relational server	There are no specific hardware requirements for your RDBMS since it is assumed that you already have either SQL, Oracle, or DB2 set up in your environment.

\*If you are running Planning on a 64-bit platform, you must use 64-bit Analytic Services.

## Middle Tier

The middle tier consists of a Planning Java application server. BPM Architect consists of a dimension server and data synchronization server. (BPM Architect is optional if you are using Classic Application Administration.)

Item	Requirement
Processor (Windows)	Dual Pentium 4, 2 GHz and higher
Disk space	32 GB (10 GB available)
RAM	4 GB
Required Hyperion software	<ul style="list-style-type: none"><li>● Shared Services</li><li>● Hyperion License Server</li><li>● Analytic Services (Analytic Server and Analytic Administration Services components)</li><li>● BPM Architect (Optional if you are using Classic Application Administration)*</li><li>● Workspace</li></ul>
Required third-party software	If using BPM Architect, Microsoft .NET Framework 2.0 <sup>†</sup>

\*BPM Architect is part of the Planning installation.

<sup>†</sup>For use with BPM Architect, Microsoft .NET Framework 2.0 is installed automatically by the Planning setup program if not already installed.

## Client

The client tier consists of the Workspace instance that is used to access Planning and an administrator client for Financial Reporting Studio, Smart View and Offline Planning.

### Note:

Planning does not require an administrator client because Planning administrator functionality is available through the Web.

Item	Requirement
Processor (Windows)	Pentium 4, 1 GHz minimum (basic and view users) Pentium 4, 1.6 GHz minimum (administrative users)
Disk space	50 MB
RAM	512 MB (minimum) 1 GB (recommended) <b>Note:</b> If using Offline Planning, minimum of 1 GB recommended.
Required third-party software	A version of Microsoft Excel is required to use Smart View: <ul style="list-style-type: none"> <li>● Excel 2003</li> <li>● Excel XP (2002)</li> <li>● Excel 2000</li> </ul>

## Performance Scorecard

- [“Performance Scorecard Server” on page 31](#)
- [“Client” on page 32](#)

## Performance Scorecard Server

Item	Requirement
Disk space	2 GB recommended (1 GB minimum)*
RAM	1 GB†
Required Hyperion software	<ul style="list-style-type: none"> <li>● Shared Services</li> <li>● Hyperion License Server</li> <li>● Analytic Services, for custom reporting through cube production</li> </ul>
Required third-party software	A version of Microsoft Excel: <ul style="list-style-type: none"> <li>● Excel 2003</li> <li>● Excel XP (2002)</li> <li>● Excel 2000</li> </ul> Adobe Acrobat 6.0 or later
Java tools	Java Cryptology Extension 1.2.2

\*When an application is deployed on WebSphere 6.0, the Performance Scorecard server requires 1 GB of disk space.

†1 GB of RAM includes Performance Scorecard and Alerter servers.

## Client

Item	Requirement
RAM	1 GB*
Required third-party software	A version of Microsoft Excel is required to use Smart View: <ul style="list-style-type: none"><li>● Excel 2003</li><li>● Excel XP (2002)</li><li>● Excel 2000</li></ul> Adobe Acrobat 6.0 or later

\*The amount of RAM required is dependent on the size of the application being accessed.

## Strategic Finance

- [“Strategic Finance Server” on page 32](#)
- [“Client” on page 33](#)

## Strategic Finance Server

Item	Requirement
Processor (Windows)	Dual Pentium, 2.8 GHz (light use*) Dual or Quad Pentium, 2.8 GHz (heavy use†)
Disk space‡	250 MB
RAM	2 GB minimum
Relational databases (export) <sup>d</sup>	See <a href="#">“General Hyperion System 9 Requirements” on page 6</a> for latest supported versions. <ul style="list-style-type: none"><li>● Microsoft SQL Server</li><li>● Oracle</li></ul>
Extended Analytics	See <a href="#">“General Hyperion System 9 Requirements” on page 6</a> for latest supported versions. <ul style="list-style-type: none"><li>● IBM DB2</li><li>● Microsoft SQL Server</li><li>● Oracle</li></ul>
Required Hyperion software	Hyperion License Server Shared Services, required if importing and exporting with Financial Management, Planning, or Analytic Services or if using a security provider other than NTLM, such as LDAP
Required third-party software	MDAC 2.8 (for Oracle and SQL Server)



Item	Requirement
	PKZip 8.0 (command line interface) for database backup

\*Light use is defined as fewer than 50 users connecting to the server to check entities in and out or to run server-based consolidation for structures that contain fewer than 15 entities.

†Heavy use is defined as 50 or more users connecting to the server to check entities in and out or to run server-based consolidation for structures that contain more than 15 entities.

‡Sufficient storage should be included to contain the entities; their backup archives; administrative and transaction files; and user background task logs, such as consolidation reports.

‡(Optional) A separate database server is recommended for Strategic Finance staging tables.

## Client

Item	Requirement
Processor (Windows)	2 GHz (light use*) 3.2 GHz (heavy use†)
Disk space‡	210 MB
RAM	512 MB minimum (light use) 1 GB minimum (heavy use)

\*Light use is defined as fewer than 50 users connecting to the server to check entities in and out or to run server-based consolidation for structures that contain fewer than 15 entities.

†Heavy use is defined as 50 or more users connecting to the server to check entities in and out or to run server-based consolidation for structures that contain more than 15 entities.

‡Allow additional disk space for data.

## Translation Manager

- [“Database Tier” on page 33](#)
- [“Middle Tier” on page 34](#)
- [“Client” on page 34](#)

## Database Tier

Item	Requirement
Processor (Windows)	Pentium 4, 800 MHz or higher recommended (Pentium 3, 600 MHz minimum)
Disk space	300 MB recommended
RAM	512 MB or higher recommended

## Middle Tier

Item	Requirement
Processor (Windows)	Pentium 4, 800 MHz or higher recommended (Pentium 2, 600 MHz minimum)
Disk space	300 MB recommended
RAM	512 MB or higher recommended (UNIX) Minimum: 256 MB*
Required Hyperion software	Shared Services
Web server	For bridging to IIS, a vendor-supplied application server connector: <ul style="list-style-type: none"><li>● (Windows only) Apache Tomcat connector</li><li>● WebLogic connector</li><li>● IBM HTTP server for WebSphere</li></ul>

\*The amount of memory required is dependent on the size of the database. Larger databases have greater memory requirements.

## Client

Item	Requirement
Processor (Windows)	Pentium 4, 800 MHz or higher recommended
RAM	256 MB or higher recommended
Disk space	100 MB

## Requirements for Data Management Services

- [“Data Integration Management” on page 34](#)
- [“FDM” on page 35](#)
- [“Hyperion MDM” on page 37](#)

## Data Integration Management

- [“PowerCenter Server” on page 35](#)
- [“PowerCenter Repository Server” on page 35](#)
- [“PowerCenter Client” on page 35](#)

## PowerCenter Server

Item	Requirement
Disk space	70 MB
RAM	256 MB
Database connectivity	Native or ODBC drivers
Hyperion software	Shared Services*

\*For external authentication, Data Integration Management can use Shared Services or Informatica native authentication.

## PowerCenter Repository Server

Item	Requirement
Disk space	150 MB*
RAM	256 MB
Database connectivity	Native drivers

\*The installation program requires an additional 30 MB of disk space for temporary files. You must set the TMP environment variable to specify the location of the files; for example, `TMP=D:\temp`.

## PowerCenter Client

Item	Requirement
Disk space	200 MB
RAM	256 MB
Database connectivity	ODBC drivers

## FDM

- [“Application Server” on page 36](#)
- [“Database Server” on page 36](#)
- [“Web Server” on page 36](#)
- [“Web Client ” on page 37](#)
- [“Workbench Client” on page 37](#)

## Application Server

Item	Requirement
Processor (Windows)	One Dual Pentium 4 processor per 75 concurrent users
Disk space	200 MB
RAM	2 GB (per 75 concurrent users)
Required Hyperion software <b>Note:</b> Dependent on the Hyperion products that are deployed.	<ul style="list-style-type: none"><li>● Hyperion Enterprise® (complete setup)</li><li>● Financial Management</li><li>● Planning</li><li>● Analytic Services</li></ul>
Required third-party software	<ul style="list-style-type: none"><li>● Microsoft MDAC 2.6 or later*</li><li>● Excel 97 or later</li></ul>

\*MDAC is installed by FDM.

## Database Server

Item	Requirement
Processor (Windows)	Quad Pentium 4
Disk space	<ul style="list-style-type: none"><li>● Dependent on size of the FDM application</li><li>● Multiple HDDs to spread processing</li></ul>
RAM	1 GB per 75 concurrent users (2 GB minimum)

## Web Server

Item	Requirement
Processor (Windows)	One Pentium 4 processor per 75 concurrent users
RAM	2 GB
Disk space	200 MB
Required third-party software	<ul style="list-style-type: none"><li>● Microsoft IIS 6.0 (on Windows Server 2003)</li><li>● Microsoft MDAC 2.6 or later*</li></ul>

\*MDAC is installed by FDM.

## Web Client

Item	Requirement
Required third-party software	<ul style="list-style-type: none"><li>● Adobe Acrobat Reader 5.0 or later</li><li>● Excel 97 or later</li></ul>

## Workbench Client

Item	Requirement
Disk space	200 MB
Required Hyperion software	One or more products: <ul style="list-style-type: none"><li>● Analytic Services</li><li>● Financial Management</li><li>● Hyperion Enterprise</li><li>● Planning</li></ul>
Required third-party software	<ul style="list-style-type: none"><li>● Adobe Acrobat Reader 6.0</li><li>● Excel 97 or later</li></ul>

## Hyperion MDM

- [“Application Server” on page 37](#)
- [“Database Server” on page 38](#)
- [“Client” on page 38](#)

## Application Server

Item	Requirement
Processor (Windows)	Dual Pentium 4, 2.0 GHz
Disk space	100 MB
RAM	4 GB
Required Hyperion software	Shared Services*
Required third-party software <sup>†</sup>	A set of client drivers: <ul style="list-style-type: none"><li>● Microsoft SQL Server client drivers (DLLs)<sup>‡</sup></li><li>● Oracle client drivers (DLLs)</li></ul> Microsoft IIS 5.0 or later

Item	Requirement
	Microsoft .NET Framework

\*Hyperion MDM uses Shared Services for external authentication only.

†(Optional) Additional client software, such as Oracle SQL\*Plus for Oracle and Query Analyzer for SQL Server, can be used for verifying connectivity and for troubleshooting. ODBC can also be used for troubleshooting.

‡If using SQL Server, client software is not required if MDAC 2.7 or later is installed. If MDAC 2.7 is installed on the application server, the installation program automatically updates it to the latest version. If MDAC is not installed or if the installed version is earlier than 2.7, you must manually install MDAC.

## Database Server

Item	Requirement
Processor (Windows)	Dual Pentium 4, 2.0 GHz
Disk space	2 GB minimum
RAM	2 GB

If using SQL Server, run it in mixed authentication mode, not Windows-only mode.

## Client

Item	Requirement
Processor (Windows)	750 MHz minimum
Disk space	20 MB
RAM	512 MB*
Required Hyperion software	Hyperion MDM client

\*If users pre-load applications or if multiple applications open simultaneously, more RAM is recommended.

# 2

# Release Compatibility

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## How to Read the Tables in This Chapter

To ensure that you obtain the correct information, review the example table and follow these steps:

	Planning 9.3	Financial Management 9.3	Performance Scorecard 9.3	Strategic Finance 9.3
<b>Foundation Services</b>				
Compatible Hyperion License Server versions	9.3 9.2	9.3 9.2	9.3 9.2	9.3
Compatible Shared Services versions	9.3 9.2	9.3	9.3	9.3

Read down and then across to identify what version numbers of other Hyperion products are compatible with each product.

For example, Planning 9.3 is compatible with Hyperion License Server versions 9.3 and 9.2 and with Shared Services versions 9.3 and 9.2.

**Note:**

All references in this section to release 9.3 also apply to release 9.3.0.x.

# Applications+ Release Compatibility

**Table 1** Applications+ Release Compatibility

	<b>Planning 9.3*</b>	<b>Financial Management 9.3</b>	<b>Performance Scorecard 9.3</b>	<b>Strategic Finance 9.3</b>
<b>Foundation Services</b>				
Compatible Hyperion License Server versions	9.3	9.3 9.2	9.3 9.2	9.3
Compatible Shared Services versions	9.3	9.3	9.3	9.3
Compatible Smart View versions	9.3	9.3 9.2	NA	NA
<b>BI+ Analytics</b>				
Compatible Analytic Services versions	9.3	9.3 9.2	9.3 9.2 9.0.1 7.1.x	9.3 9.2 (7.1.2 API) 7.1.x
Compatible Analytic Administration Services versions	9.3	9.3 9.2	NA	NA
Compatible Analytic Provider Services versions	NA	NA	NA	NA
Compatible Analytic Integration Services versions	NA	NA	9.3 9.2 9.0.1 7.1.x	NA
<b>BI+</b>				
Compatible Financial Reporting versions	9.3 9.2	9.3	NA	NA
Compatible Production Reporting versions	NA	9.3	NA	NA
Compatible Interactive Reporting versions	NA	9.3	Through IR Smartcuts	NA
Compatible Web Analysis versions	9.3 9.2	9.3	Through Extended Analytics	NA



	<b>Planning 9.3*</b>	<b>Financial Management 9.3</b>	<b>Performance Scorecard 9.3</b>	<b>Strategic Finance 9.3</b>
Compatible Hyperion® System™ 9 Application Builder J2EE™ versions	NA	9.3	NA	NA
<b>Applications+</b>				
Compatible Planning versions	NA	9.3 9.2 4.1.1	Through Hyperion® Application Link™	The version deployed with Analytic Services
Compatible Financial Management versions	9.3	NA	Through Hyperion Application Link	9.3 9.2 4.1.1
Compatible Performance Scorecard versions	NA	9.3	NA	NA
Compatible Strategic Finance versions	NA	9.3	NA	NA
Compatible Hyperion Application Link versions	9.3 9.2 7.0	9.3 9.2	9.3 9.2 3.0	NA
<b>Data Management Services</b>				
Compatible Hyperion MDM versions	All versions through flat files	All versions through flat files	NA	NA
Compatible FDM versions	NA	9.3	NA	NA
Compatible Data Integration Management versions	9.3	9.3	9.3 (includes Informatica PowerCenter 7.1.4)	NA

\*Includes Hyperion® System™ 9 Workforce Planning™, and Capital Expense Planning

## BI+ Release Compatibility

**Table 2** BI+ Release Compatibility

	<b>Interactive Reporting 9.3</b>	<b>Financial Reporting 9.3</b>	<b>Production Reporting 9.3</b>	<b>Web Analysis 9.3</b>
<b>Foundation Services</b>				
Compatible Hyperion License Server versions	NA	9.3	NA	9.3

	<b>Interactive Reporting 9.3</b>	<b>Financial Reporting 9.3</b>	<b>Production Reporting 9.3</b>	<b>Web Analysis 9.3</b>
Compatible Shared Services versions	9.3	9.3	NA	9.3
Compatible Smart View versions	9.3	9.3	9.3	9.3
<b>BI+ Analytics</b>				
Compatible Analytic Services versions	9.3	9.3	9.3	9.3
	9.2	9.2	9.2	9.2
	7.2	7.2	7.2	7.2
Compatible Analytic Administration Services versions	NA	NA	NA	NA
Compatible Analytic Provider Services versions	NA	NA	NA	NA
Compatible Analytic Integration Services versions	NA	9.3	9.3	9.3
		9.2	9.2	9.2
		9.0	9.0	9.0
Compatible Application Builder J2EE versions	NA	NA	NA	NA
<b>Applications+</b>				
Compatible Planning versions	NA	9.3	NA	9.3
		9.2		9.2
		4.0.5		4.0.5
Compatible Financial Management versions	NA	9.3	NA	9.3
		9.2		9.2
		4.0.2		4.0.2
Compatible Performance Scorecard versions	NA	NA	NA	NA
Compatible Strategic Finance versions	NA	NA	NA	NA
Compatible Hyperion Application Link versions	NA	NA	NA	NA
<b>Data Management Services</b>				

	<b>Interactive Reporting 9.3</b>	<b>Financial Reporting 9.3</b>	<b>Production Reporting 9.3</b>	<b>Web Analysis 9.3</b>
Compatible Hyperion MDM versions	NA	NA	NA	NA
Compatible FDM versions	NA	NA	NA	NA
Compatible Data Integration Management versions	NA	NA	NA	NA

## BI+ Analytics Release Compatibility

**Table 3** BI+ Analytics Release Compatibility

	<b>Analytic Services 9.3</b>	<b>Analytic Administration Services 9.3</b>	<b>Analytic Integration Services 9.3</b>	<b>Analytic Provider Services 9.3</b>
<b>Foundation Services</b>				
Compatible Hyperion License Server versions	9.3	NA	NA	NA
Compatible Shared Services versions	9.3	9.3	NA	9.3
Compatible Smart View versions	9.3	NA	NA	9.3
<b>BI+ Analytics</b>				
Compatible Analytic Services versions	NA	9.x 7.1.6	9.x 7.1.6	9.x 7.1.6
Compatible Analytic Administration Services versions	9.3 7.1.6	NA	NA	9.3
Compatible Analytic Provider Services versions	9.3	9.3	NA	NA
Compatible Analytic Integration Services versions	9.3 7.1.6	NA	NA	NA
<b>BI+</b>				
Compatible Financial Reporting versions	9.x 7.1.1	NA	NA	NA

	<b>Analytic Services 9.3</b>	<b>Analytic Administration Services 9.3</b>	<b>Analytic Integration Services 9.3</b>	<b>Analytic Provider Services 9.3</b>
Compatible Production Reporting versions	9.x 7.1.6	NA	NA	NA
Compatible Interactive Reporting versions	9.3	NA	NA	NA
Compatible Web Analysis versions	9.x	NA	NA	NA
Compatible Application Builder J2EE versions	9.2 7.2	NA	NA	NA
<b>Applications+</b>				
Compatible Planning versions	9.3 9.2 4.1	9.3 9.2 4.1	NA	NA
Compatible Financial Management versions	9.3 9.2 4.1	NA	NA	NA
Compatible Performance Scorecard versions	9.3 9.2 9.0.1 4.1 4.0.5 4.0.1 4.0	NA	NA	NA
Compatible Strategic Finance versions	NA	NA	NA	NA
Compatible Hyperion Application Link versions	9.3 9.2 7.0	NA	NA	NA
<b>Data Management Services</b>				
Compatible Hyperion MDM versions	All versions through flat files	NA	NA	NA
Compatible FDM versions	NA	NA	NA	NA
Compatible Data Integration Management versions	NA	NA	NA	NA

# Data Management Services Release Compatibility

**Table 4** Data Management Services Release Compatibility

	<b>Hyperion MDM 9.3</b>	<b>FDM 9.3</b>	<b>Data Integration Management 9.3</b>
<b>Foundation Services</b>			
Compatible Hyperion License Server versions	All versions through flat files	NA	NA
Compatible Shared Services versions	9.3 9.2	NA	9.3
Compatible Smart View versions	NA	NA	NA
<b>BI+ Analytics</b>			
Compatible Analytic Services versions	All versions through flat files	9.3 9.2 (7.1.2 API) 7.1.x	9.3 7.1.x
Compatible Analytic Administration Services versions	All versions through flat files	NA	NA
Compatible Analytic Provider Services versions	NA	NA	NA
Compatible Analytic Integration Services versions	NA	NA	NA
<b>Applications+</b>			
Compatible Planning versions	All versions through flat files	The version deployed with Analytic Services	NA
Compatible Financial Management versions	All versions through flat files	9.3 9.2 4.1.1	9.3
Compatible Performance Scorecard versions	NA	NA	9.3
Compatible Strategic Finance versions	NA	All versions through flat file	NA
Compatible Hyperion Application Link versions	All versions through flat files	All versions through flat file	NA



# 3

## Platform Support for Hyperion System 9 Release 9.3 with Components from Previous Releases

### In This Chapter

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Planning Release 9.2.0.2 and Financial Management 9.2.0.2 are supported in configurations with:

- Analytic Services Release 9.3
- BI+ Release 9.3
- Shared Services Release 9.3

Hyperion supports Release 9.2.x of Financial Management and Planning in mixed-release environments; however, Hyperion recommends Release 9.2.0.2. For all other Hyperion System 9 products, Hyperion recommends using Release 9.3, although 9.2.x is supported.

BI+ modules are not supported in a mixed-release environment. For example, Interactive Reporting Release 9.3 is not supported with Web Analysis Release 9.2 and vice versa.

### Platform Support

For your convenience, the following table shows the common platforms that are generally supported by both 9.2.x releases and the 9.3 release. For complete platform support information for 9.3, see [Chapter 1, “System Requirements”](#). For complete platform support information for 9.2.x, see the “Planning the Installation” chapter of the product installation guides.

Operating Systems	<ul style="list-style-type: none"><li>• Windows 2003 Server SP1</li><li>• Windows 2000 Server SP4</li><li>• Windows 2000 Professional</li><li>• Windows XP Professional</li><li>• Solaris 10</li><li>• Solaris 9</li><li>• AIX 5.3 (ML3 for 9.2.0.3 and 9.3)</li><li>• AIX 5.2 (ML7 for 9.2.0.3 and 9.3)</li></ul>
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Application Servers	<ul style="list-style-type: none"> <li>● IBM WebSphere 5.1.1.7 (includes ND for 9.2.0.3 and 9.3)</li> <li>● BEA WebLogic 8.1.4</li> <li>● Apache Tomcat 5.0.28</li> </ul>
Database Repositories	<ul style="list-style-type: none"> <li>● Oracle 10g-10.1.0.2 (includes RAC 10.1.0.5)</li> <li>● Oracle 9i-9.2.0.5 (includes RAC)</li> <li>● IBM DB2 8.2 / IBM DB2 8.1.7a</li> <li>● Microsoft SQL Server 2005 SP1</li> <li>● Microsoft SQL Server 2000 SP3a</li> <li>● MySQL 4.0.12</li> </ul>
Web Browsers	Microsoft Internet Explorer 6.0
Analytic Services Modules	Analytic Services and Run-Time Client 7.1.x and Hyperion System 9
Third-Party Components	<ul style="list-style-type: none"> <li>● Microsoft Office 2000, 2002 (XP), 2003</li> <li>● Adobe Acrobat 6.0 or later</li> <li>● JDBC MySQL 3.07</li> <li>● Log4j 1.2.8</li> <li>● JCE 1.2.2</li> </ul>
Authentication Sources	<ul style="list-style-type: none"> <li>● IBM Tivoli Directory Server 5.2</li> <li>● Lightweight Directory Access Protocol (LDAP) <ul style="list-style-type: none"> <li>○ Sun One 5.2</li> <li>○ Novell eDirectory 8.7</li> <li>○ IBM Directory Server 5.1</li> <li>○ Domino LDAP 5.x and 6.0</li> </ul> </li> <li>● Microsoft Active Directory 2000, 2003</li> <li>● Microsoft NTLM</li> <li>● Netegrity SiteMinder 5.5 SP2</li> <li>● OpenLDAP 2.3.37</li> </ul>