HYPERION® SYSTEM™ 9 BI+™

RELEASE 9.2

TRANSITION GUIDE

Hyperion

Hyperion System 9 BI+ is a modular business intelligence platform providing management reporting, query, and analysis capabilities for a wide variety of data sources in a single coordinated environment.

Contents In Brief

P/N: DA90492000

NEW USER INTERFACE

Hyperion System 9 BI + Workspace™ introduces a Web user interface. The Web user interface follows users interaction with the application. Providing consistent user interface elements across Hyperion products. Elements are:

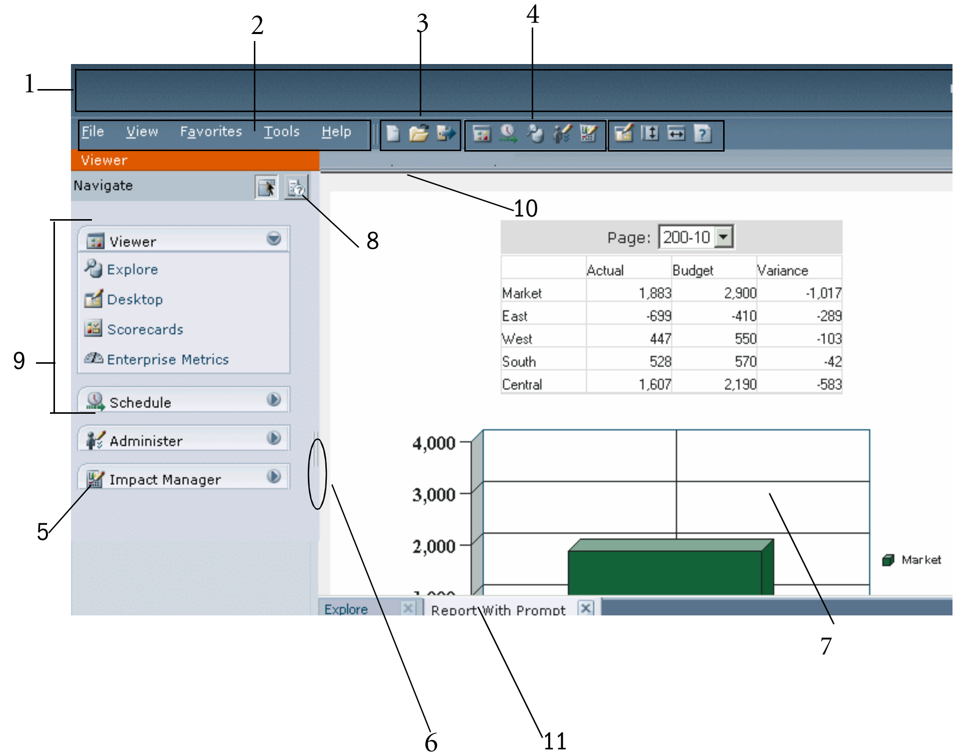

Table 1

Element Number	Element Name	Description
1	Masthead	Top area including the Hyperion logo, product name, and identifies current Hyperion products
2	Menu bar	Commands and sub-commands organizing tasks and modules
3	Standard toolbar	Shortcuts for performing tasks
4	Module toolbar	Shortcuts for accessing modules
5	View pane	Extends down left side of the interface with a series of buttons enabling you to jump between panels with specific uses and corresponding controls. It displays lists of documents and modules. Hiding this pane provides a larger content frame to use Workspace. **View** > **View Pane** to hide and display
6	View Pane or Content Area Adjuster	Adjust the size of the view pane and content area
7	Content area	Located between the Process and Status bars, and right of the view pane. View documents, tasks, or files relevant to the active module.

Table 1 *(Continued)*

Element Number	Element Name	Description
8	Buttons	Perform tasks within a module
9	Modules	Access module functionality
10	Process bar	Displays your folder, document, or step in a task. The orange end of the process bar indicates the current module of Workspace.
11	Document tab bar	Displayed at the bottom of the content area when multiple documents are open. The current document tab is highlighted. A different tab bar is displayed for each module.

Workspace features five modules:

- **Viewer module—**Displays Repository documents, in addition to Hyperion System 9 Performance Scorecard™ and Hyperion System 9 BI+ Enterprise Metrics™ documents. Documents display in the content area.
- **Schedule module—** Manage jobs, schedule batches and events for automated processing.
- **Explore module—** List and navigate contents of the Repository; manage and control files and folders; use elements, like the Open dialog box that present the Repository as a file management system.
- **Administer module—**Manage users, user groups, user preferences, roles, and authentication methods.
- **Impact Manager module—**Update Hyperion System 9 BI+ Interactive Reporting™ documents when database structures, database connections, or links to external data sources change.

Switch modules in a work area without losing context. Use Viewer to view documents and use Explore to view files in the Repository.

WORKSPACE

USERS

Table 2 describes concepts or tasks for users.

Table 2

Concept or Task	Release 8.3	Release 9.x
Content Organization	**Browse—**Browse to folders and open documents and reports.	**Explore—**Browse to folders and open documents and reports. Sort information and navigate hierarchical folders.

Table 2 *(Continued)*

Concept or Task	Release 8.3	Release 9.x
Thin Client Navigation	• **Repository**—Open and display items in the main frame. • One document is active at a time in the main frame.	• **Explore—**Open the repository, folders, and items. • **Viewer—**List, view, and interact with documents in separate tabs.
Publish	• Publish items for distribution to users and groups.	• Import items for distribution to users and groups.
Hyperion Smart View™	Not supported.	• **Smart View—**Import and export items between Microsoft Office and the Workspace.
Opening Items and Documents	• **Browse—**Select document names or file extension links. The document opens in the main frame or within Insight, which is an Intelligence Web client. • To open a second document, return to the Browse module.	• To open a document in the content area, double-click the document. • To open a document in the Interactive Reporting Web Client, right-click the document, select **Open in**, then **Interactive Reporting Web Client**.
Using Favorites	Display favorites using subscribed content in personal pages.	Select **Favorites** to display favorites, personal pages, Performance Scorecard content, and Enterprise Metrics content.
Pushing Content	**View Manager—**Push content, making it accessible to users.	**Explore—**Use favorites or the desktop to push content, making it accessible to users.
Using the Toolbar	Not supported.	**Toolbar—**Access functions and change content. Icons on the toolbar are relevant to the active document or function.
Using Menu Bar and Shortcut Menu	Not supported.	• Use menu bar options to perform tasks. Displays icons relevant to the active document. • **Shortcut menu—**Perform context sensitive tasks.
Running Jobs	Select the job name link or click on the job run icon.	• **Explore—**Select a job, then use the shortcut menu or menu bar to select **Run**.

Table 2 *(Continued)*

Concept or Task	Release 8.3	Release 9.x
Opening Job Outputs	Job output collections are listed as versions below the job with date and time stamp. Links to output members are provided.	• Each job output collection has separate entries in Explore. They are at the same level as the job. After clicking the job output, a pop up window shows the members in that output collection.

ADMINISTRATORS

Table 3 describes concepts or tasks for Administrators.

Table 3

Concept and Tasks	Release 8.3	Release 9.x
User Interface	User interface displays Web HTML pages.	Administrative user interface provides an improved user experience.
Authentication System	Use multiple authentication systems for separate external providers such as NTLM, MSAD, and LDAP.	Use an authentication system for native and external providers.
Related Content	Use Hyperion Hub™ to set up related content.	Use Hyperion System 9 Shared Services™ to set up related content.
Security Maintenance	• **Administration**—Manage users, groups, and roles separately for separate modules. • To add security providers, create authentication systems using the installer.	• **Shared Services**—Manage users, groups, and roles integrated across modules. • To add security providers, add them to Shared Services. Security providers are automatically integrated into Workspace.
Logon Options	• Use one logon page to enable users to connect to different global system managers for different sessions. • Advanced login button enable users to select authentication systems.	• Use Workspace logon page that always connects to the same logon server. • You do not need to set up separate authentication systems for external providers. Add an entry to Shared Services list of providers.

Table 3 *(Continued)*

Concept and Tasks	Release 8.3	Release 9.x
Starting Services	Start services using the following components: ● Services Control Panel ● Scripts within the installation folder	Start services using the following components: ● Services Control Panel ● Scripts within the installation folder ● Start menu options
Installation	● Installation has no requirement for the Hyperion License Server™. ● Perform installation and configuration in one phase.	Use required pre-install steps to install Shared Services and Hyperion License Server. You also need to install Hyperion System 9 BI + Analytic Services™ Runtime Client for Hyperion System 9 BI + Web Analysis™ and Hyperion System 9 BI + Financial Reporting™ modules. Perform installation and configuration in two phases: 1. Use installation steps to copy files. 2. Use configuration steps to configure the repository or modules and services.
Default Application Server	JRun	Tomcat
Impact Manager	Not supported.	**Impact Manager**—Update Interactive Reporting documents when the database structures, database connections, or links to external data sources change.
New Services	No new services.	● Additional services for Impact Manager: ❍ Harvester Service ❍ Transformer Service ● Hyperion System 9 BI + Financial Reporting™ services include the Communication Server, which runs: Print Server, Reporting Server, Scheduler Server, Web Server, Analytic Bridge server

Table 3 *(Continued)*

Concept and Tasks	Release 8.3	Release 9.x
Shared Services	No supported.	• Export repository folders with Financial Reporting content to Shared Services and import it into another BI+ environment. Financial Reporting folders in a development environment can be migrated to a production environment. • **Tools** > **Administer** > **Manage HSS Models** and **Tools** > **Administer** > **Manage HSS Projects.**
Roles	Use separate roles for viewing Interactive Reporting documents that contain iHTML content. An additional license check is performed.	View Interactive Reporting documents in HTML. There is no additional license check.
Data source Configuration	Use a service configuration remotely for Hyperion System 9 BI + Production Reporting™ data sources and use a license service configuration for data access service.	In addition to service configuration options, you can use the Web Analysis Studio and Financial Reporting Studio.

INTERACTIVE REPORTING

USERS

Table 4 describes concept or tasks for users.

Table 4

Concepts and Tasks	Release 8.3	Release 9.x
Saving Documents in the Repository	Publish documents on file systems in the repository; can not save directly, save to local disk then the publisher interface.	Import documents to the repository. Documents opened from the repository can be modified by thin client and plugin users and placed in the repository without saving to local disk; put back into repository as newer version or new document.

Table 4 *(Continued)*

Concepts and Tasks	Release 8.3	Release 9.x
Exceptions for Jobs	Exceptions are not supported.	Exceptions not automatically displayed in dashboard; dashboard designer must add them.
Synchronizing Documents	Not supported.	Locally saved document are checked for synchronization if opened. Synchronization starts if the user accepts the changes.
Smart View	Export to Microsoft Excel is limited.	• Import and export content between Interactive Reporting documents and Microsoft Excel. Export uses Office HTML, which preserves formatting of content and cell formulas. • Where disparity of features exists between Microsoft Excel and Interactive Reporting, such as certain types of formula or format options, the information is not be preserved.
Co-existence of Web Client	With 6.x only; only one version of 8.x could be used at the same time, though there was "one way" backward compatibility (older clients with newer servers)	Co-existence of 6.x, 8.3 and later, and 9.x versions. Use of older clients with newer servers is no longer supported, but multiple versions of the client can be present, and the appropriate client will be started, depending on the server connection and/or document version.
Thin client content creation	Not available on queries; some limited ability to modify existing tables, charts, and pivot reports	Thin client users can build ad hoc queries, augment retrieved result sets with computed items, and build tables, charts, and pivot reports from these queries. Documents with this content may modify it. Requires the appropriate adaptive state permissions.

ADMINISTRATORS

Table 5 describes concepts or tasks for administrators.

Table 5

Concepts and Tasks	Release 8.3	Release 9.x
Job Services	No control on number of jobs.	Configure Job Services for limited numbers of jobs simultaneously. Jobs are temporarily suspended to ready the system for shutdown or to perform system maintenance.
Job Deletion	Delete job output prior to deleting jobs.	Delete jobs, checking a box including outputs with the job.
Zero Administration	Customize JSP pages to disable the "zero administration' function.	Administrators can interactively enable/disable the "zero administration' function.
Usage Tracking	Minimal Usage Tracking.	Usage tracking functionality provides information on system utilization. When Interactive Reporting content is opened, how it opened is recorded, identifying Web Client vs. thin client usage. When queries are processed, the query time event adds information on the document and the section within the document that is being processed.

PRODUCTION REPORTING

In SQR® Release 8.3 executable programs are located in the `binw` folder. In Production Reporting Release 9.x executable programs are located in the `bin` folder.

ENTERPRISE METRICS

END USERS

Table 6 describes concepts or tasks for end users.

Table 6

Concepts or Tasks	Release 7.3	Release 9.x
Thin Client	View Mode	Workspace
Rich User Interface	View and Personalize Mode	Enterprise Metrics Personalization Workspace
Navigating the Areas of the Application	• News tab • Metrics tab • Reports tab • Info tab	• Monitor Section • Investigate Section • Pinpoint Section • Dictionary Section
Hierarchy Slice, Drill and Focus	Slice	Point of View
Page Selector Drop-down Menu	View menu	Pages menu
Button for Navigating Back to the Previous Page and Slice Point of View	Back button	Previous button
Launching and Logging on	Enter a URL that points to the home page then logon. Click **Launch** to activate one of the following: • View, which is the HTML thin client • View and Personalize, which is the applet rich client.	Role permitting, launch the Enterprise Metrics HTML Client. Select one: • **File** > **Open** > **Enterprise Metrics** • **Favorites** > **Enterprise Metrics** • **View** > **Enterprise Metrics** • **Tools** > **Viewer** > **Enterprise Metrics** Role permitting, launch the rich client. **Tools** > **Links** > **Metrics Personalization Workspace.** **Note:** The Home page for users no longer exists.

Table 7 describes the concepts or tasks in Workspace only, not to the Personalization Workspace for end users.

Table 7

Concepts or Tasks	Release 7.3	Release 9.x
Page Selection	Select the toolbar drop down.	Select the drop down in the view pane.
Section Selection	Select the tabs across top left of window.	Select the icons at the top of the view pane.
Navigation between Enterprise Metrics and other Hyperion System 9 BI+ Modules	Not supported.	• Click tabs at the bottom of the content area. • Click the View icon at top of view pane, then select the document icon. • Select another tool using the menu bar.

POWER USERS OR USERS WITH THE EDITOR ROLE

Table 8 describes concepts or tasks for Power Users or Users with the Editor Role.

Table 8 Concepts or Tasks for Power Users or the Editor Role

Concepts or Tasks	Release 7.3	Release 9.x
Launch the End User Client with the Analytic Server	Link on Editing and Administration Home page to the Launch page. This launches either HTML or the rich client just like an end user does.	Launch the personalization workspace directly from the Editing and Administration page.
Related content Links from Web Analysis and Financial Reporting Modules	N/A	Using the related content feature of Shared Services, register Enterprise Metrics as a target, and define links from the source applications.
Hyperion System 9 Planning™ Cubes Data Source for Enterprise Metrics	N/A	Using the Cube tool in the Studio Utilities, connect to a Planning cube and run through the wizard steps like an Analytic Services cube.

Table 8 Concepts or Tasks for Power Users or the Editor Role *(Continued)*

Concepts or Tasks	Release 7.3	Release 9.x
Define KPIs for use by Performance Scorecard	Not supported.	**KPI Tool**— Specify which Enterprise Metrics can be accessed as "Measures" in Performance Scorecard. Associate single Enterprise Metrics to the "Results" and "Targets" elements in each scorecard measure you make available. Performance Scorecard has a corresponding tool to link to the Enterprise Metrics catalog and server.

ADMINISTRATORS

Table 9 concepts or tasks for administrators.

Table 9

Concepts or Tasks	Release 7.3	Release 9.x
Provisioning Users	• Define user in HMB Configuration Tools > Security tool. • Apply security "groups" to users in the same tool.	• Provision user in Shared Services. Assign users to groups with Enterprise Metrics permissions. • Assign groups and users to rule sets in the Enterprise Metrics Studio Utilities > Security tool.
Licensing	Single keys are provided at installation time for each Metrics Builder server.	Enterprise Metrics uses the Hyperion System 9 BI+ user-based and server-based licensing mechanism.
Installation	The installer laid down the executable programs, configured database connections and ran database initialization scripts, all in one flow.	The installer lays down the executable programs only. Hyperion Configuration Utility™ is run by the application to configure database connections and run database initialization scripts, improving ease of use and flexibility.

FINANCIAL REPORTING

VIEWER

Table 10 describes concepts or tasks for viewers.

Table 10

Concepts or Tasks	Release 7.2	Release 9.x
Repository	Navigate folders and items and preview them.	Navigate through the repository and preview documents and books.
Thin Client Navigation	The Repository opens and displays items in separate tabs on the workspace.	Explore opens the repository, items and folders. Once items are opened, use Viewer to interact with it.
Repository Navigation (Web client) **Note**: Windows client repository navigation has not changed for the Viewer User.	Accessible in Web client in the **Repository** tab and by selecting **File** > **Repository**.	Access the **Viewer** in the **Navigate Pane**, select **Explore.** Preview Reports or Books with **Explore** and select the **Navigate** button in the **Viewer** pane.
Report and Book Previewing	In the Web client, reports and books are selected in the repository, and previewed by one of the following controls: • Right-click and **HTML Preview** or **PDF Preview** • **File** > **HTML Preview** or **File** > **PDF Preview** • Toolbar buttons for HTML or PDF Preview • **File** > **Open**	Use the following controls to preview documents and books in Explore: • Right-click and select **Open in** > **HTML Preview** or **Open In** > **PDF Preview** • Use the Toolbar buttons for HTML or PDF Preview • In an open report window, select **File** > **Open In** > **HTML Preview** or **File** > **Open In** > **PDF Preview** • In **Explore**, select **File** > **Open** > **Document.**

Table 10 *(Continued)*

Concepts or Tasks	Release 7.2	Release 9.x
Preferences	In the Web client, select **File** > **Preferences** (3 submenus: *General*, *Setup User POV* and *Change Password*). In the Windows client, in **File** > **Preferences.**	• Access Workspace preferences: **File** > **Preferences.** • Default Preview Mode, Thousands and Decimal Separator, Preview User POV and Export to Office Application version are available for use in the **Financial Reporting** node. • E-mail Address and Change Password are available for use in the **General** node. • Hyperion System 9 BI+ Financial Reporting Studio™ preferences used in the **Financial Reporting** node, **Financial Report Designer** tab
Setup User POV	In the Web client, select **File** > **Preferences** > **Set Up User POV.**	Use Workspace, select **File** > **Preferences** in the Preferences dialog box, select the **Financial Reporting** node. In the **User Point of View** section, select **Setup Members.**
Location of POV Control	POV bar is displayed above reports or books.	Change POV a document or book or in the **View** Pane. The option is regulated in **Preferences.**
Document Search	No document search available.	Use the search tool in **Explore** by selecting **Tools** > **Search.**
Filter Documents	To filter documents in the repository select **View** > **Display items of Type.** Reports documents are listed.	To filter documents in the repository, select **View** > **Display Items of Type.** BI+ documents and other documents are listed.

DESIGNERS

Table 11 describes concepts or tasks for designer.

Table 11 Concepts/Tasks for Designers

Concepts or Tasks	Release 7.2	Release 9.x
Thin Client Navigation	All components (Repository, Batch Scheduler, Report and Book Preview, Batch Editor and Book Editor) open in separate tabs on the workspace.	• **Explore** is opened as a separate module. • Report and Book Preview, Batch Editor and Book Editor open in separate tabs in the Viewer. • Batch Scheduler is opened as a separate module.
Web client		
Book Creation and Editing	• Book creation is performed from **File** > **New** > **Book**. • Books are edited (Designer user only) by double clicking on the book in the repository, selecting **File** > **Open**, or right clicking on a book and selecting **Open**. • During creation, addition of reports to a book is done from one repository folder. Reports from other folders need to be added in the **Book Editor** after the Book is created.	• Book Creation wizard from **File** > **New Document** in the **New Document Wizard**, select **Batch highly formatted reports for scheduling**. • Add documents to books from different folders, use the wizard by selecting **Available** and **Selected** panes. • Books are edited by **File** > **Open Document**, or by right clicking on a book in **Explore** and selecting **Open**.

Table 11 Concepts/Tasks for Designers *(Continued)*

Concepts or Tasks	Release 7.2	Release 9.x
Batch Creation and Editing	• **File** > **New** > **Batch**. • Batches are edited (Designer user only) by double clicking on the batch in the repository, selecting **File** > **Open**, or right clicking on a batch and selecting **Open**. • Adding reports/books to a Batch is done from one repository folder. Objects from other folders need to be added in the **Batch Editor** after the Batch is created.	• **File** > **New Document** in the **New Document Wizard**, select **Collect highly formatted reports into a book.** • When adding documents or books to a Batch, objects from different folders are selected in the wizard using **Available** and **Selected** panes. • Batches are edited by **File** > **Open Document**, or by right clicking on a batch in **Explore** and selecting **Open.**
Batch Scheduling	Batch Scheduler is accessed in the Web client from **File** > **Scheduler** or from the Scheduler tool bar button.	• Select **Tools** > **Schedule** > **Batch Scheduler** • In **Viewer**, select **Batch Scheduler** under **Schedule**
Windows Client		
Import / Export of Repository Objects	Available from **File** > **Import** and **File** > **Export.**	Not available in Financial Reporting Studio. This exists in Workspace. In **Explore**, select **File** > **Import** > **Financial Reports** or right-click and select **Import** > **Financial Reports.**

Table 11 Concepts/Tasks for Designers *(Continued)*

Concepts or Tasks	Release 7.2	Release 9.x
Database Connection Manager and Change Database Connection	Available in Windows client, **File** > **Database Connection Manager** and **File** > **Change Database Connection**	Not available in Financial Reporting Studio; available in Workspace. • Change Database Connection is available from **Tools** > **Change Database Connection** or by right-clicking on an object in **Explore** and selecting **Change Database Connection.** • Database Connection Manager is available from **Tools** > **Database Connection Manager** or by right-clicking on an object in **Explore** and selecting **Database Connection Manager.** • New Database Connections are created in Financial Reporting Studio when adding grids to reports.
E-mail Links	Available in Windows client from **File** > **E-mail Links.**	Not available in Financial Reporting Studio. Available in Workspace. When selecting an object in **Explore**, select **File** > **E-mail Link** or right-click on the object and select **Mail Link.**
Related Content Server	Available in Windows client from **File** > **Change Related Content Server.**	No longer available in Financial Reporting Studio. This functionality has been moved to Workspace. In **Explore**, select **Edit** > **Change Related Content Server**, or right-click and select **Change Related Content Server.**

Table 11 Concepts/Tasks for Designers *(Continued)*

Concepts or Tasks	Release 7.2	Release 9.x
User Preferences	In the Web client, select **File** > **Preferences** (3 submenus: *General*, *Setup User POV* and *Change Password*). In the Windows client, in **File** > **Preferences.**	Preferences available only in Workspace **File** > **Preferences.** • Default Preview Mode, Thousands and Decimal Separator, Preview User POV and Export to Office Application version are available in the **Financial Reporting** node. • E-mail Address and Change Password are available in the **General** node. • Windows client preferences are available in the **Financial Reporting** node, **Financial Report Designer** tab.
Security Maintenance	• Security was maintained in the Windows client (Users, Groups, Access Privileges). Access Privileges can also be set in the Web client. • All security is maintained separately from that of other Hyperion products.	• Security Maintenance is not available in the Financial Reporting Studio. • Web client security maintenance (Users and Groups) is available in Shared Services. • Access privileges are maintained in **Explore**. • Additional security roles have been created.

ADMINISTRATORS

Table 12 describes concepts or tasks for administrators.

Table 12

Concepts or Tasks	Release 7.2	Release 9.x
Repository Maintenance	Repository maintenance is available in the Web client and Windows client	Repository Maintenance is not available in the Financial Reporting Studio, but in Workspace. In **Explore**, select **Cut** and **Delete** either from the **Edit** menu or the right click menu. Copy and Paste is not available in this release.
Security Maintenance	Available in Windows client: • **Administration** > **Maintain Users.** • **Administration** > **Maintain Groups.** • File > **Access Privileges** or right click on object and select **Access Privileges.**	Not available in Financial Reporting Studio. This functionality exists in the Web client. • Web client security maintenance (Users and Groups) is available in **Shared Services.** • **Permissions** are defined in the Properties of a document by selecting **Properties** from either the **Edit** or right-click menu. In the **Properties** dialog box, in the **General** node, select **Edit Permissions.**
Configure Reports Server	Available in Windows client	All Repository related configuration is handled in the **Shared Services Configuration Utility.**

Table 12 *(Continued)*

Concepts or Tasks	Release 7.2	Release 9.x
Shared Services	Not supported.	Repository folders with Financial Reports content can be exported to Shared Services and imported into another Hyperion BI + environment. Financial Reports repository folders in a development environment can be migrated to production environments. This functionality is accessible from **Tools** > **Administer** > **Manage HSS Models** or **Tools** > **Administer** > **Manage HSS Projects** or **Navigate, Administer, Manage HSS Models** or **Manage HSS Projects.**
Hyperion Hub	Available in Windows client	No longer available in Financial Reporting Studio, functionality exists in the **Shared Services Configuration Utility.**

WEB ANALYSIS

VIEWER USERS

Table 13 describes concepts or tasks for viewers.

Table 13

Concept or Task	Release 7.2	Release 9.x
Desktop	The desktop folder stores all file types. The only items displayed as icons on the desktop are presentations or links to presentations.	Use the desktop folder to store all file types. All file types are displayed as icons on the desktop.
Creating/ Editing a query	The Cube Navigator dialog box edits queries.	The data layout interface, that extends from the current data object, edits queries.

Table 13 *(Continued)*

Concept or Task	Release 7.2	Release 9.x
Repository Management	Repository management is not supported in the HTML Web Client.	Permissions determine ability to manage the repository: create files and folders, name files, relocate files and set access permissions.
Document Search	Document search is not supported.	To search for documents in **Explore** mode, select **Tools > Search.**
Filter Documents	To filter the repository, from the Menu bar select **View > Display Items of Type.** Filters are restricted to kinds of Hyperion Analyzer files.	To filter the repository, from the Menu bar select **View > Display Items of Type.** Because the repository stores a variety of BI+ documents, there is a long list of new document types and filters.

DESIGNERS

Table 14 describes concepts or tasks for Designers.

Table 14

Concept or Task	Release 7.2	Release 9.x
Group Preferences	To set preferences, use the User Preferences dialog box that contains an active preferences list. User group members can specify defined user group preferences to be used for their individual user preferences.	Use your own preferences file, stored in the profiles folder, or specify a shared preferences file. Preferences are stored as repository files. Shared preferences are used by anyone with access to the file.
Standalone Client	The Java Web Client is offered as both applet and standalone client.	Web Analysis Studio is not available as a stand alone client, but is available as a Java applet.

ADMINISTRATORS

Table 15 describes concepts or tasks for administrators.

Table 15

Concept or Task	Release 7.2	Release 9.x
Security Maintenance	• Maintain user, group and roles in the Windows client or Administration Tools Java Applet.	• Maintain user, group and roles using Shared Services. Additional roles have been created and are coordinated across Hyperion System 9 BI+.
File Security	Maintain Hyperion Analyzer file security separately from that of other Hyperion products.	• Use Explore to manage file and folder security. • To edit file permissions, from the menu bar select **Edit** > **Properties** or right-click a file name and select **Properties**.
Group Preferences	To set preferences, use the User Preferences dialog box that contains an active preferences list. User group members can specify user group preferences for their individual user preferences.	Use your preferences file stored in the profiles folder or specify a shared preferences file. Preferences are stored as repository files. Shared preferences are used by anyone with access.
Hyperion Hub	• Hyperion Hub migrates content between test and production environments. • Use the administration tools applet to register Hyperion Hub. • Use the Java Web Client to manage Hub models (repository migration).	• Shared Services migrate content between test and production environments. • Shared Services is the primary interface for authenticating external users, creating user groups and provisioning roles to both users and groups. Specialized roles are needed to provision users and manage models.

WHERE TO GET MORE INFORMATION

Except for the most recent information, each topic in this booklet is described in more detail in the documentation.

For answers to questions about the product, contact your authorized technical support provider or:

Hyperion Solutions Customer Support

Phone: 203.703.3600 (outside the U. S. A.)

Phone: 877.901.4975 (in the U. S. A.)

Internet: http://support.hyperion.com

Visit the Hyperion Solutions Web Site Home Page at http://www.hyperion.com.