

# **Performance Analytics**

Powered by Horizon Business Insight



**Release Notes** 

Release 15.0 April 2010

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#### Reader comments

Any comments or suggestions regarding this publication are welcomed and should be forwarded to the attention of:

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PAC - Product Advisory Committee Request - A list of PAC members is available through the McKesson Customer Portal at http://customerportal.mckesson.com.

### **Horizon Business Insight Dashboard**

The following enhancements to the Dashboard are included in Horizon Business Insight Release 15.0.

### PACIntroducing the Public Dashboard

Horizon Business Insight 15.0 introduces the Public Dashboard. Much like the Personal Dashboard, pages created in the Public Dashboard can display multiple objects, each in its own portlet. In addition, however, each page in the Public Dashboard can be viewed by any user in your organization who has been granted access to the page and the objects displayed on the page.

The Public Dashboard, as well as the Personal Dashboard, is accessed directly from the main page of the Viewer. In order to access the Public Dashboard and view a page, you must have the new *Public Dashboard Access* privilege and have been granted permission to access the page.

You must have the new *Public Dashboard Administration* privilege to create new pages and manage existing ones in the Public Dashboard. A Public Dashboard Administrator can also grant and remove permission to access Public Dashboard pages. Privileges and permissions are granted in the Horizon Business Insight Administrator site.

An overview of how to use the Horizon Business Insight 15.0 Dashboard can be found in the *Horizon Business Insight 15.0 Rollout Notes*.

**Note:** The Dashboard requires that you have Adobe Flash Player 10.0.22 or higher installed on your workstation. If you attempt to access the Dashboard and the proper version of this software is not installed on your workstation, a message is displayed along with a link to the Adobe web site. Once you have downloaded and successfully installed the Adobe Flash Player, you must log into the Horizon Business Insight Viewer again in order to access the Dashboard.

#### Improvements to the Personal Dashboard

Along with the introduction of the Public Dashboard, you will also notice many visual and functional improvements to your Personal Dashboard. The following changes implemented in Horizon Business Insight 15.0 are associated with your Personal Dashboard:

- The privilege necessary to access the Personal Dashboard has been renamed the *Personal Dashboard Access* privilege.
- Procedures for creating and modifying a Personal Dashboard page have been streamlined and now include dropdown access to page management options (Edit, Refresh, Delete) and drag and drop functionality when adding and moving portlets on a page.

- You can now create Personal Dashboard pages with different column layouts. Previously, the selected layout was used for all pages in your dashboard. Note that removing a column from the layout for a dashboard page now deletes any portlets and associated content previously added to that column.
- A new two-column page layout, 2/3 1/3, has been added.
- In HBI 15.0, clicking on the Performance Analytics logo located in the upper left corner of the Dashboard to access the Viewer and then subsequently clicking the Dashboard link in the Viewer to <u>return</u> to the Dashboard displays the previously selected dashboard page. In HBI 14.0, navigating back to the Dashboard from the Viewer resulted in display of the home page in the Dashboard.
- You can now rename and reorder the pages in your Personal Dashboard.
- You can now refresh each portlet on the page independently to display object changes and new data. In addition, a new page refresh option allows you to refresh all the portlets on a page in a single operation.
- Graph paging is now retained when you navigate from a highlight portlet to the Viewer and then back to the portlet view in the Personal Dashboard.
   Previously, only table paging was retained and the graph view was reset to the first page.
- The limit of eighteen resources to be displayed in the Resources Portlet has been increased to 100 resources.
- In the Weather Portlet, the default zip code has been changed from Miami, FL to San Francisco, CA (94104).
- In the News Portlet, the default news feed has been changed from Yahoo: McKesson News to the McKesson News available from the McKesson corporate web site.

### Personal Dashboard upgrade conversion

During the upgrade to Horizon Business Insight 15.0, a conversion of your Personal Dashboard will occur to apply the improvements described above.

Note the following conversion information related to existing personal pages:

- Pages Your Home page and all pages you have named and saved in your Personal Dashboard are retained during conversion and available in Horizon Business Insight 15.0.
  - Duplicate page names, e.g., *MyPage* and *mypage*, are no longer permitted in your Personal Dashboard. Existing pages with duplicate names are renamed during conversion to include a numeric suffix: [*PageName*]\_1; [*PageName*]\_2.
- Page content All portlets added to a personal page with all associated content and any portlet-specific display settings are retained during conversion and available in Horizon Business Insight 15.0.

 Dashboard Layout - The layout in place in your Dashboard at the time of the upgrade to Horizon Business Insight 15.0 is retained and applied to all pages.

Any "hidden" portlets on a personal page are *not converted and retained*. In the HBI 14.0 personal dashboard, portlets were hidden when you created a page with a 2-column or 3-column layout and then subsequently changed to a layout that displayed fewer columns on the page.

**IMPORTANT**: Prior to upgrading to Horizon Business Insight 15.0, all users who have designed Personal Dashboard pages should verify that all portlets they want converted and retained for display in Horizon Business Insight 15.0 are visible on the Personal Dashboard page.

 Welcome Portlet - This portlet is not converted or retained in Horizon Business insight 15.0. It has been replaced by a Welcome message in 15.0.

### Horizon Business Insight administrative reporting

Dashboard-related impacts to the Horizon Business Insight administrative highlights and reports are described below.

Horizon Business Insight Utilization Report:

User access to highlights, scorecards and resources in the Personal Dashboard, Public Dashboard, and Admin view are now logged in this report. Access is logged only one time per dashboard page viewing session.

Horizon Business Insight Activity Report:

This report now logs the granting and removal of the Public Dashboard Access and Dashboard Administrator privilege to users and groups; granting and removal of user and group permission to access public pages; creating, deleting, updating or renaming a public dashboard page; adding and deleting objects to the portlets on the page and adding a public page to a Personal Dashboard.

Access Reporting in the Horizon Business Insight Administrator web site:

Users and groups granted the new Public Dashboard Administration privilege as well as user and group permission to access public pages is now included in the applicable Site, User, Group and Permissions Access reports.

#### **Dashboard documentation**

Documentation about the Dashboard is available from within the Dashboard site as noted below:

- Information about creating and managing Public Dashboard pages and Personal Dashboard pages can be accessed by clicking the Help link located on the Performance Analytics menu bar.
- Information about selecting and modifying content for display in each portlet can be accessed by clicking the Help icon located on the portlet menu bar.

## **Horizon Business Insight Viewer**

The following enhancements to the Viewer are included in Horizon Business Insight Release 15.0.

### PACCopy a bookmark

You can now copy a bookmark you create on a highlight in the Viewer and send it to one or more Horizon Business Insight users who have access to the highlight. In addition, you can also send a notification e-mail to the users you choose to receive the copied bookmark. E-mail notification is optional.

In order to copy and send a bookmark, you must have the new *Copy Bookmarks* privilege. Privileges are granted to users and groups in the Horizon Business Insight Administrator web site. The *Copy Bookmarks* privilege has been added to the Horizon Business Insight User, Group and Site Access Reports.

You cannot copy the User Default or System Default bookmarks.

**Note:** Once you have sent a copy of a bookmark to another user, any changes you save to the original bookmark are not saved to the copy.

### **Bookmark name displayed**

Effective with this release, when you choose to display a highlight based on a bookmark that you create and save, the bookmark name is now displayed below the highlight title in the Viewer.

### Drilling on a graph with overlay measure now available

Previously, drilling on a graph was prohibited when the graph included an overlay measure. Effective with this release, drilling is now allowed on the graph as well as on the overlay line.

This change applies to 2D bar and 2D area graphs created in either the Viewer or the Highlight Editor.

### Microsoft Office 2007 files supported as Resources

The following file extensions, associated with Microsoft Office 2007, are now supported for use as HBI Resources:

Microsoft Word - \*docx

Microsoft Excel - \*xlsx

Microsoft PowerPoint - \*pptx

### **Horizon Business Insight Highlight Editor**

The following enhancement to the Highlight Editor are included in Horizon Business Insight Release 15.0.

### Display outliers only in XmR control chart

You can now use the XmR chart to view only those data points that are defined as deviation outliers based on the control chart settings established on the Chart Options window in the Highlight Editor or the Viewer.

The new option, **Outliers**, is located on the *Other* tab on the Chart Options window and can be set to display: *All Data* (default) or *Outliers Only*. You can only enable *Outliers Only* when the XmR chart type is chosen for the highlight.

Control chart selections that you make in the Highlight Viewer are not saved unless you included them in a named bookmark of user preference for the highlight.

### Paging available in XmR control chart display

The XmR control chart type now includes navigation buttons that allow you to page though the chart data (*forward and back*) when the number of available data points is greater than the number set to display (Max Points setting).

The navigation buttons are available in the Highlight Editor and the Highlight Viewer.

### **Horizon Business Insight Scorecard Editor**

The following enhancements to the Scorecard Editor are included in Horizon Business Insight Release 15.0.

#### Scorecard row qualifications added

You can now define qualification criteria and apply it to all of the cells in the scorecard row. The new Row Qualification applies to numeric rows including library rows.

Row qualifications are defined on the General tab of the Add/Edit Scorecard Row and the Add/Edit Library Row windows.

When you make a copy of a scorecard, you can choose to include all row qualifications applied to the original scorecard with the copy.

### PAC Scorecard qualifications passed to highlight when viewing

You can now choose to pass certain scorecard qualifications to the underlying highlight in the Viewer. When you choose to do so, the qualification criteria is applied to the highlight data when it is opened from the scorecard table or from the scorecard chart.

The new options, described below, are found in the Scorecard Editor.

• Enable Pass selection criteria to highlight when you define a selection list for the scorecard.

When you apply the list to the scorecard in the Viewer and then drill through to the highlight, the list criteria are passed through and included in the highlight data.

• Enable Pass row qualification criteria to highlight when you apply a qualification to a scorecard row.

When you open the highlight from the scorecard in the Viewer or from the metric or scorecard portlets in the Dashboard, the row qualification criteria are passed through and included in the highlight data.

Note the following about passing scorecard row and selection list qualification criteria to a highlight in the Viewer:

- When the highlight includes both highlight qualifications and passed-through scorecard qualifications, the Viewer uses the AND operator to join the criteria.
   In this case, these criteria are shown on the Qualify Highlight window and can be edited.
- Scorecard cell and column qualifications are not passed through to the highlight in the Viewer.

#### Calculation of scorecard achievement value modified

The calculation of the achievement value now rounds the actual and target values to the decimal precision that is displayed in the scorecard row before applying the formula.

Previously, as the actual and target values used in the formula may have included additional decimal places, the calculated achievement value may not have reflected the relationship between the rounded values for actual and target that were displayed in the scorecard row.

The modified calculation applies to scorecards values displayed in the Viewer and in the Scorecard and Metric portlets in the Dashboard.

### Scorecard row default value changed

When you create a new scorecard row, the default for Actual and Target columns is now **Select measure**. Prior to this release, the default was **Enter value**. The change applies to numeric rows you add to standard and independent scorecards, and to library rows and templates.

### **Horizon Business Insight iLink Editor**

The following enhancement to the iLink Editor is included in Horizon Business Insight Release 15.0.

#### Define unavailable parameters in URL iLinks

In order to provide better integration between Horizon Business Insight and other reporting systems, such as, Business Objects, SQL Server Reporting System (SSRS) and Crystal Reports, a new option has been added to the iLink Editor.

Generic and Business Objects URL iLink definitions can now include a replacement value for mapped parameters that are not available at the time the iLink is executed in the Viewer. A parameter is "not available" when the user in the Viewer has not drilled down to the corresponding dimension level in the highlight upon execution of the iLink. In this situation, upon encountering one or more unavailable parameters, the destination reporting system may prompt the user to enter a value for each absent parameter.

However, when a replacement value is included as part of the iLink definition, users in the Viewer may not be prompted by the destination reporting system to provide values for unavailable parameters. You can enter the replacement value in a new text box labeled, **If parameter is not available when iLink is executed, pass:.** The replacement value and associated text necessary to satisfy parameter prompts is specific to your reporting system.

For more information on this new functionality, refer to the Horizon Business Insight iLink Editor Help.

### **Horizon Business Insight Subset Editor**

The following enhancements to the Subset Editor are included in Horizon Business Insight Release 15.0.

## PAC Check Format option for field-delimited ASCII source files

You can now check a subset source file for rows with invalid formats prior to importing the file into the Subset Editor. When you do so, the Subset Editor's new **Check Format** option produces an output file that includes error or warning messages for rows with the following types of invalid formats:

- too many delimiters,
- invalid delimiter,
- improper use of text qualifier, or
- · missing row delimiter.

You can only use this option with a subset that is associated with a field-delimited ASCII text source file. To access the option, select a subset from the Subset List window and then click **Manage Subset/Check Format** in the menu bar.

When you run the format checker, the output file is saved to the HBI server in the same location as the selected source file. The output file displays the number of rows checked and the total number of rows with errors or warnings. In addition, for each row with one of the invalid formats noted above, the following details are also shown.

- row number
- relevant error or warning message for the row
- number of delimiters found in the row and the number expected in the row (shown only when the error relates to too many field delimiters or invalid field delimiters)
- · actual row data from the source file

If a row delimiter is not found in your source file, the output file displays the message: *No row delimiter found*. In this case, no error information is displayed for individual rows.

**Important**: If your source file is saved to a folder on the HBI server that is not within the x:\HBI\WTFiles folder structure, make sure the Windows security permissions on the folder are set to Write or higher for the HBI MTS\_WTUser account so the output file can be saved to the folder. In addition, in order to access the output file in this folder, the applicable HBI users must have Read access to the folder.

For more information about how to use this option, refer to the Subset Editor online documentation.

### **General HBI Improvements**

The following enhancements have been made across various Horizon Business Insight web sites in release 15.0.

#### **HBI** version now displayed in Help About

Your Horizon Business Insight Administrator can now select **Help About** on the Horizon Business Insight Server Configuration window to determine the version of the Horizon Business Insight software that is currently installed on your HBI application server.

The version number can be viewed after the upgrade to Horizon Business Insight 15.0 has been successfully completed.

### New standard application directory established

A new directory where your organization can place applications such as ASP pages has been established on the Horizon Business Insight server.

Files placed in the new *CustomApps* directory are not overwritten when you apply future releases and service packs to the server. In addition, the directory and its contents are subject to Horizon Business Insight security and share permissions.

The CustomApps directory can be found in the following location:

x:\inetpub\wwwroot\WebTREND\CustomApps (where x is the drive letter where you have installed the Horizon Business Insight websites).

# Horizon Enterprise Revenue Management and Horizon Business Insight

The following improvements have been made to allow integration between Horizon Enterprise Revenue Management and Horizon Business Insight release 15.0.

### **Access Dashboard from Horizon Enterprise Revenue Management**

Customers with Horizon Enterprise Revenue Management can now access the Dashboard directly from the menu bar in Horizon Enterprise Revenue Management.

Before you can access the Dashboard, your Administrator must perform the following activities:

- In Horizon Business Insight, create new users and grant the desired dashboard-related privileges to new users. Log into the Horizon Business Insight Administrator web site to perform these tasks.
- In Horizon Enterprise Revenue Management, map Performance Analytics users of Horizon Business Insight to Horizon Enterprise Revenue Management staff. Select **Performance Analytics/User Administration** from the menu bar to perform this activity.

Once these activities have been completed, designated users can access the Dashboard from Horizon Enterprise Revenue Management by clicking **Performance Analytics/Dashboard** from the menu bar.

### **Horizon Business Insight User Documentation**

This section describes changes related to documentation for Horizon Business Insight Release 15.0.

### Technical documentation guides reorganized

The procedures and information related to installing, upgrading, migrating and otherwise configuring your HBI system for Horizon Business Insight 15.0 have been reorganized in the Documentation Library for Horizon Business Insight 15.0.

The table below lists all of the technical documents included in the Horizon Business Insight 15.0 Documentation Library and indicates the document in which you can find the various procedures and related information., The Documentation Library can be downloaded from McKesson's Download Central web site.

If you are	Use this document		
Installing Horizon Business Insight for the first time in a Windows 2003 environment	Installing HBI in a Microsoft Windows 2003 Server Environment		
Installing Horizon Business Insight for the first time in a Windows 2008 environment	Installing HBI in a Microsoft Windows 2008 Server Environment		
Upgrading from Horizon Business Insight 14.0 to release 15.0	Upgrading Horizon Business Insight in a Windows 2003 Environment		
Migrating your existing Horizon Business Insight 11.2 or 14.0 system to a new environment	Migrating your Horizon Business Insight System to a New Environment		
Configuring the Horizon Portlets on your Horizon Business Insight 15.0 server for use with the Horizon Physician Portal	Optional Configuration Guidelines for Horizon Business Insight		
Loading the HPM_System_ Monitoring_Statistics script to your Horizon Business Insight 15.0 server	Optional Configuration Guidelines for Horizon Business Insight		
Using the standard DTS templates provided with HBI to import data	Using the Standard DTS Templates to Import Data		
Looking for information about the following:  Browser Settings  Installing Java Runtime Client	Optional Configuration Guidelines for Horizon Business Insight  The chapters noted in the column to the left were previously included as appendices in the HBI Installation and Upgrade Guide.		
<ul> <li>Horizon Business Insight Server Configuration window</li> <li>Changing the HBI splash screen</li> <li>Setting MIME types mapping</li> </ul>			
Create a local FTP account     Activating SSI			
<ul> <li>Activating SSL</li> <li>Configure Multi-Entity Root Folder functionality</li> <li>User Authentication and Passwords</li> <li>Backup and Restore Guidelines</li> </ul>			

#### **Documentation available for Horizon Business Insight Support Page**

You can use the Horizon Business Insight Support page in the Administrator website to review information about the setup of your Horizon Business Insight system.

Following is a list of the options available from the Support page.

- Com+ Application Drilldown
- Show File Information for all COM+ dlls
- Show File Information for all System Files
- Component Instantiation Test
- Event Viewer
- Show Server License Information
- Email Test
- Show Database Information
- List Locked Alerts
- List Application Audit Settings
- List Metabase Differences
- List File and Share Permission Differences
- List file Hash Differences
- SQL Information and Check
- Show Install Paths
- Upgrade HBI Information

Most of the Support Page options include an **Email this page** button. If you discover issues during your review of an option on the Support page, you can email the page to yourself and to your Performance Management Technical Support representative, if necessary.

Documentation of the options found on the Horizon Business insight Support page can be found in the book entitled, *Optional Configuration Guidelines for Horizon Business Insight*.

To access the Support page log into the Administrator website on your Horizon Business Insight server and modify the text in your browser's Address field as shown below:

http:/[yourservername]/wtadmin/include/support.asp

### **Recommended Hardware and Software**

Before you upgrade to Horizon Business Insight Release 15.0, review the information provided in the table below to be sure your Horizon Business Insight server and user workstations are in compliance with the recommended hardware and software for this release.

The information provided in the table does not reflect the optimum configuration for your Horizon Business Insight system. The appropriate hardware and software configuration for your organization is determined by factors such as the number of system users, quantity of data, and overall performance requirements.

If you are considering making changes to your current system hardware or software configuration, log an ICSS service order for the Performance Analytics Customer Support Center requesting assistance.

Horizon Business Insight 15.0 Server					
Operating System and Database Software	Microsoft Windows 2003 SP2 or Windows 2003 R2 SP2 Server and all required hot fixes with Microsoft SQL Server 2005 SP3 (Standard or Enterprise)				
	OR				
	<ul> <li>Microsoft Windows 2008 SP2 Server with Microsoft SQL Server 2008 SP1. (Microsoft Windows 2008 R2 is not supported with HBI 15.0.)</li> </ul>				
	<b>Note</b> : In a multi-server environment, both the application and the database server must have the same Windows operating system installed.				
Other Software	Microsoft TCP/IP *				
	Internet Services Manager (IIS) *				
	Component Services (MTS) *				
	* Microsoft TCP/IP, Internet Services Manager and Component Services are included in the Windows Server installation process.				
Horizon Business	Insight 15.0 Workstation				
Operating System	Microsoft Windows XP Professional, Vista or Windows 7.0				
Software	Microsoft Office 2000 (including SR-1), Microsoft Office 2003, and Microsoft Office 2007				
	Microsoft Internet Explorer version 6.0 SP2, 7.0, 8.0;     Firefox 3.5				
	Java RunTime Environment v.6 update 17 (1.6.0_17) or higher.				
	Adobe Flash Player 10.0.22 or higher				
Display Properties	Minimum screen resolution of 1024 x 768 pixels				
Minimum of 256 colors; normal font size (96DPI)					
	Browser window maximized to the screen				

### **Operating System Patches**

The Horizon Business Insight Release 15.0 software has been validated against critical Windows security and hot fix patches received from Microsoft through the release date of Horizon Business Insight 15.0. Windows patches and hot fixes are available from Microsoft.

If you choose to apply other Microsoft packs, patches or fixes, you do so with the understanding that the Performance Analytics Customer Support Center continues to troubleshoot and escalate, as necessary, any issue that may arise in the customer environment. Under these circumstances, however, additional time may be required to identify a satisfactory solution. Therefore, we strongly recommend that you take every precaution by backing up your server in the event that the resolution takes longer than you can keep your system unavailable for production. McKesson attempts to validate critical patches, service packs and hot fixes as soon as possible.

### **Support Policy**

The Performance Analytics Customer Support Center will continue to support you, our customers, with the high level of application and technical support that you have come to expect. This includes testing, replicating, fixing or scheduling for a future fix any logged cases that are attributed to the current version of a product as defined in the Product Version Chart. You can find this chart on the McKesson Customer Portal.

For all our products, we support the current version and one previous version, which means we will answer questions about those two versions. However, we will only make corrections to the current version of our software so you must update your software to the current version to apply a fix. This is the standard Performance Management resolution process.

# **Product Compatibility Matrix**

The table below displays the versions of McKesson software products that are compatible with your Performance Analytics 15.0 software.

Perform Anal		Other McKesson Products			
HPM 15.0	HBI 15.0	Name of McKesson Source Product	Compatible version(s)	Name(s) of required third party products and compatible version	Medication Safety Initiative
	Х	Horizon Performance Manager	HPM 10.0 and higher		Х
Х		Horizon Business Insight			Х
Х	Х	TRENDSTAR	2009.1-3	TRENDSTAR will be upgraded from HPM 2.0 to 3.0 layout with 2009.1. HPM 2.0 and 3.0 layouts are accepted with HPM 15.0	
Х		Applied Decisions	10.0		
Х		Pathways Contract Modeling	14.0, Patch 1 and higher; 15.0		
	Х	PCON: Business Insight for PCON (Pathways Contract Management)	15.0, 16.0		
	Х	PCON: Denials & Appeal (Pathways Contract Management)	15.0, 16.0		
	Х	Horizon <sup>WP</sup> Physician Portal	12.0	Customers that use Shared Session Server to implement single sign-on between Horizon Physician Portal and Horizon Business Insight must upgrade to Shared Session Server version 10.0.	
X		3M Grouper Plus System	2010.0.1		

Perfori Anal		Other McKesson Products			
HPM 15.0	HBI 15.0	Name of McKesson Source Product	Compatible version(s)	Name(s) of required third party products and compatible version	Medication Safety Initiative
Х		STAR Patient Accounting	13.0 and higher		
Х		Series	10.0 and higher.		
Х		HealthQuest	13.0 and higher	HealthQuest upgraded from HPM 2.0 to 3.0 layout. HPM 2.0 and 3.0 layouts are accepted with HPM 15.0	
Х		Horizon Homecare	10.2.2 or 11.1	Horizon Homecare will continue to submit data in the HPM 2.0 layout.	
Х		Paragon	9.2 and higher		
X		Passport	7.3 SP1 and higher		
X		Horizon Lab	12.2 and higher	HPM: Report creates input file for staging area. Results of interest should be mapped to LOINC. See Medication Safety Documentation. Not yet piloted. Working with HPM team to determin pilot site.	Х
Х		Horizon Clinicals (includes Horizon Care Record)	7.6, 7.8 and 10.1	Medication Administration and Temperature data only.	Х
Х		Horizon Surgical Manager	8.0 and higher		
	Х	Horizon Surgical Analytics (Horizon Surgical Manager)	HSM15.0.1, HSM14.0.3.4		
	Х	Admin RX	Services Offering		
	Х	STAR Key Performance Indicators (STAR Financials)	STAR 15 (Vista 5.2) STAR 14 (Vista 5.1)		
	Х	STAR Patient Location Tracker	STAR 15 (Vista 5.2) STAR 14 (Vista 5.1)		

Perfor Anal	mance ytics		Other McKesson Products		Other McKesson Products			
HPM 15.0	HBI 15.0	Name of McKesson Source Product	Compatible version(s)	Name(s) of required third party products and compatible version	Medication Safety Initiative			
	Х	STAR Medical Records	STAR 15 (Vista 5.2) STAR 14 (Vista 5.1)					
	Х	STAR Standard Content	Services Offering					
	Х	Supply Chain Analytics (Horizon Enterprise Materials Management, previously called Pathways Material Management)	HEMM 15 - SCA 2.4					
	Х	Horizon Practice Analytics (Horizon Practice Plus)	11.0, 12.0					
	Х	Automation Decision Support (Automation Products)	ADS version 3.0, 3.1 Connect Rx 6.7.x, 6.8.x, 6.10.x,7.0.x MedComm 6.7.x, 6.8.x, 6.10.x,7.0.x PacMed 1.7.4, 1.7.6 IntelliShelf Supply 7.0.x, 7.1.x,7.2.x					
	X	Horizon Patient Folder Analytics	13.x					
	Х	Horizon Meds Manager Analytics	8.1 SP6 and higher 10.0.4 and higher					
	Х	ORSOS Analytics	10.2, 2.5, 2.6, 3.0					
	Х	McKesson Anesthesia Care Analytics	12.0, 14.0					
	Х	Series Analytics	any version 14.0 and above					

Performance Analytics		Other McKesson Products			
HPM 15.0	HBI 15.0	Name of McKesson Source Product	Compatible version(s)	Name(s) of required third party products and compatible version	Medication Safety Initiative
	Х	Pathways Financial Manager Analytics (Horizon Enterprise Financial Manager previously called Pathways Financial Manager)	HEFM 15 - HEFM Analytics 1.2		
	Х	Horizon Lab Analytics	12.x, 12.x		