

Version 11.5 Features

Area	Feature
Upgrade Notes	
Administration	The 'XRRepository.getMetaData()' method for Oracle data sources now returns the meta-data for stored procedures with the name fully qualified with the package name, if it exists. For example, in previous releases, the meta-data node for procedure Y in package X would be named "Y". In version 11.5, it is named "X.Y".
Administration	New audit reports have been added in version 11.5. To make use of the new reports, press 'Create Schema' on the 'Audit Configuration' page of Enterprise Manager. This will not impact any previously saved audit records.
Administration	Scripts created by end-users with the Ad Hoc reporting tool or Visual Composer are executed in a restricted environment that provides access only to the following Java packages: java.awt, java.text, java.util, java.sql, inetsoft.graph.*, inetsoft.report, inetsoft.report.lens, inetsoft.report.filter, inetsoft.uql, and inetsoft.report.painter. (Scripts composed in Style Studio have no package restrictions.) To permit user scripts in a restricted environment to access Java packages other than those listed, use the 'javascript.java.packages' property in the 'sree.properties' file to specify any additional packages as a comma-separated list. However, exposing additional Java packages may allow users to create malicious scripts, so you must thoroughly consider any such additions from a security standpoint. You can optionally add package contents to the current namespace by using importPackage("packageName"), for example, importPackage("java.lang") or importPackage(java.lang). This allows scripts to refer to object names without full qualification (i.e., "String" rather than "java.lang.String").
Dashboard	The 'addTarget()' script function is deprecated in favor of 'addTargetLine()'.
Charts	The 'xFields', 'yFields', and 'geoFields' properties now share the same assignment behavior as other properties. In previous versions, when you assign "xFields=[['state', Chart.STRING]]" and then assign "xFields=[['city', Chart.STRING]]", the second assignment augments the first so that both the 'state' and 'city' fields are bound to the chart X-axis. In the current version, the second assignment supersedes the first so that only the 'city' field is bound to the chart X-axis. To bind multiple fields, use the following syntax: "xFields=[[Xfield1,Type1],[Xfield2,Type2],...]".
User Portal	Because of substantial visual improvements to the User Portal, if you are upgrading to 11.5 without running a full install (i.e., you are simply replacing the product JAR files), you must delete the portal/css and portal/images directories from the WEB-INF/classes directory. (It is recommended that you back-up these directories prior to deletion.) If you had made any changes that affected these directories, you will need to manually reapply your settings. Please also be sure to clear your browser cache.
User Portal	Email attachments that are bundled as Zip files can now be password protected. This feature is available by default for new installations on Windows and Mac. For Linux installations and upgrades from previous versions, follow these steps: (1) In Enterprise Manager, open the 'Server' -> 'JVM' page under the Server tab, and note the 'JVM Version' and 'Java Home Directory' listed there. (2) For JVM version 1.6 or 6, download the Version 6 JCE Unlimited Strength zip file from http://www.oracle.com/technetwork/java/javase/downloads/jce-6-download-429243.html . For JVM version 1.7 or 7, download the Version 7 JCE Unlimited Strength zip file from http://www.oracle.com/technetwork/java/javase/downloads/jce-7-download-432124.html . (3) Unzip the file, and place the contents (local_policy.jar and US_export_policy.jar) in the lib\security folder of your Java Home Directory. (4) Restart the Style Intelligence server.
API	The inetsoft.sree.schedule.ScheduleExt interface now includes the method "viewsheetRenamed()." If you implement the ScheduleExt interface, you must implement the "viewsheetRenamed()" method.
Major Features	
Administration	Access to Enterprise Manager can now be granted on a user, group, and role basis for multi-tenant environments.
Dashboard	The Selection Tree component now supports recursive hierarchy defined by parent and child IDs.
Data Modeling	Hadoop/Hive is now supported as a data source.
Report/Dashboard	The chart target line feature is enhanced to include target bands and statistical measures.
Minor Features	
Administration	Dashboard export options can now be specified in Enterprise Manager ('Presentation' > 'Viewsheets', under the 'Server' tab).
Administration	User accounts can be temporarily disabled by using the 'Active'/Inactive' option under the 'Users' tab.
Administration	The 'Modification History' audit report now returns information about changes made in Enterprise Manager as well as the User Portal.
Administration	Permissions can now be assigned individually to Ad Hoc Wizards.
Administration	Permissions for the main User Portal tabs (Dashboard, Report, Design, Schedule) can now be assigned independently to individual users.

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Administration	The 'Import' feature of Enterprise Manager (incremental deployment) now permits individual selection of items in the required assets list.
Administration	An 'Identity Information' audit report is now available to provide information about existing users.
Administration	Administrator login for LDAP security can now be tested from within Enterprise Manager.
Administration	The asset dependency checker can now be set to run on a weekly rather than daily basis.
Administration	Scheduler logging properties can now be set independently from the server in a 'schedule.logging.properties' file.
Administration	Localization settings can now be applied to Enterprise Manager in addition to the User Portal.
Administration	An option to 'Enable MV by default' has been added to the Enterprise Manager 'Performance' page.
Administration	The property 'viewsheet.chart.adhoc' has been added to control the default setting for the Viewsheet Chart 'Enable Ad Hoc Editing' feature.
Administration	A new tag, '@incrementalOnly', restricts materialized view 'Delete' conditions to incremental updates only (suppressing them on initial generation).
Administration	The 'scheduleAction()' function can now accept a dynamically-generated list of emails to which scheduled reports/dashboards should be mailed.
Administration	A 'Concurrent User Session Timeout' property is added in Enterprise Manager to control timeout for concurrent session licenses only.
Administration	Two files, 'tree-portal.css' and 'tree-em.css', allow customization of the repository tree in the User Portal and Enterprise Manager.
Administration	The 'Toolbar Icons' page in Enterprise Manager is now named 'Custom Icons', and includes icons for the repository tree as well as toolbar buttons.
Administration	A 'viewsheet.font.size' property has been added to control the default font size in Viewsheets.
Administration	A 'table.export.format' property can now be used to control the export format for Viewsheet and Worksheet preview tables (CSV or XLS).
Dashboard	Incremental materialized view update conditions can be embedded directly in the SQL query (for use with non-parsable and non-JDBC queries).
Dashboard	An 'Always Show Color in Map' option in the chart 'Plot Properties' forces colors to apply to map regions rather than map points.
Dashboard	Formatting can now be applied to the columns of a chart's 'Show Details' and 'Show Data' tables. Right-click a column and select 'Format'.
Dashboard	List items displayed in an Input Component can now be automatically sorted in ascending or descending order.
Dashboard	The visibility of the 'Open Embedded Viewsheet' button can now be set in script by the 'setActionVisible' property.
Dashboard	Chart axes can now be repositioned and resized by clicking and dragging on the axis lines.
Dashboard	The 'Show Table Grid' option of the chart 'Plot Properties' now allows facet charts (with multiple dimension/measure axes) to display an outline grid.
Dashboard	An 'Enable Script' option is added to Viewsheet Script Editors to permit selective engagement of scripts.
Dashboard	User-defined date ranges can now be used in Viewsheet conditions.
Dashboard	A new button is provided in the Calendar component to 'Switch to Comparison Mode' and 'Switch to Date Range Mode'.
Dashboard	Annotations can now be added to Shape components.
Dashboard	Range Sliders can now be cleared by double-clicking on the slider body. Double-click a slider handle to automatically set range to max or min.
Dashboard	A 'Single Selection' property has been added to Calendars to restrict selection to a single day, week, month, etc.
Dashboard	A 'Tile' property has been added for Image components to enable an image to be repeated (tiled) within the component boundaries.
Dashboard	HTML content can now be embedded within Viewsheet text (e.g., Table cells, Text components, Selection Lists) by using <html> and </html> tags.
Dashboard	An 'event' object has been added to Selection components so that user selections can be registered by script.
Dashboard	Multiple columns of a table can now be simultaneously sorted. Hold down the Ctrl key when pressing the 'Sort' buttons in the column headers.
Dashboard	An 'updateTime' script property now provides the time of last materialized view generation or last query execution for a Viewsheet.
Dashboard	An 'Exclude Data' button has been added to charts to filter-out the selected data (i.e., opposite of the 'Zoom' operation).
Dashboard	Input components can now merge query-based list items with embedded list items into a single list.
Dashboard	A 'Scale to Screen' option now allows a Viewsheet to dynamically resize to fit the size of the browser.
Dashboard	Input component list labels and values can now be accessed from script.
Dashboard	An 'Expression' option is now provided for Viewsheet filter conditions and highlight conditions.
Dashboard	An 'Auto Size' option is provided to allow a Text components to automatically fit their contents.
Dashboard	A 'Refresh Viewsheet after Submit' option is added to the 'Submit' button to force a data refresh following database write-back.
Dashboard	Viewsheet components can now be localized by assigning a Text ID on the 'Localization' tab of the 'Viewsheet Options' dialog box.
Dashboard	A 'dataConditions' script property now allows a component to read the conditions currently being set for it by a 'flyover' filter.

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Dashboard	A 'Sort Column' option is added to the setActionVisible() function to prevent users from sorting columns in Viewsheet tables and crosstabs.
Dashboard	Guidelines are now displayed when resizing components (in addition to when positioning components).
Data Modeling	VPM conditions are enhanced with a right-side 'Variable' option and a left-side 'Session Data' option.
Data Modeling	Aliased tables in a physical view are now displayed in color for better clarity.
Data Modeling	Data sources can now be organized into folders.
Data Modeling	Database login credentials for an individual user can now be accessed from the user Principal object.
Data Worksheet	Multiple joins can now be edited within a single dialog box. Right-click the Data Block and select 'Join Properties'.
Data Worksheet	The Style Studio 'Save' dialog box now permits Data Worksheets to be saved directly into report (local) scope.
Report	The 'setDateLevel()' and 'setDateInterval()' functions now enable changes to date grouping in Crosstabs and Tables.
Report	The 'getImage()' function can now be used in the 'Formula' expression of a standard Table cell (in addition to a Formula Table cell).
Report	The 'Page Break' element now permits specification of a sheet name for use when exporting to Excel.
Report	A 'clear()' function can now be used in the HTML onClick handler to clear parameter sheet fields.
Report	A parameter sheet can now be embedded within an individual report, rather than defined as a reusable component.
Report/Dashboard	The default number format multipliers (K,M,B) can be redefined and new multipliers can be added.
Report/Dashboard	Multiple geographical field values (e.g., "NJ", "N.J.") can now be mapped to a single geographical region for map charts.
Report/Dashboard	Text formats can be localized by inserting "{replacementText}", where "replacementText" is a Text ID from the SreeBundle file.
Report/Dashboard	The 'GraphConstants.CENTER' value can now be used to place a label at the center of a Chart element.
Report/Dashboard	Charts now support a "dot-plot" type chart.
Report/Dashboard	Measure values can now be displayed superimposed on chart elements by anchoring the values to an invisible measure.
Report/Dashboard	Band sizes for X and Y chart axes can now be set in the chart 'Plot Properties'.
Report/Dashboard	An 'offset' property is added to the GraphForm script object to enable chart label positions to be shifted after rendering.
Report/Dashboard	A 'setExtent' function has been added to the GeoCoord script object to explicitly control the extent of a map in chart script.
User Portal	An 'Automatically Refresh Repository Tree' option in the 'Preferences' dialog box enables the repository listing to automatically display new assets.
User Portal	A 'Schedule' button has been added to the report and dashboard toolbars to facilitate easy report scheduling.
User Portal	Reports emailed as Zip files can now be password encrypted.