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What’s New in MicroStrategy 9.3 Visual Insight:

NEW VISUALIZATIONS
MicroStrategy Visual Insight includes new visualizations that quickly and easily let business people of all skill levels to easily spot outliers, discover patterns, and uncover problem areas that otherwise may be difficult to find.

- Density Maps
- Image Layouts
- Network Diagram

BUILD YOUR OWN DASHBOARDS IN MINUTES
MicroStrategy 9.3 enhances MicroStrategy Visual Insight to let business people create great looking dashboards in under 10 minutes with no help from IT.

- Multiple visualizations on a single page
- Multiple sets of data on a dashboard
- Visualization-to-visualization targeting

ENHANCED VISUAL INSIGHT CAPABILITIES
MicroStrategy 9.3 includes many new features in MicroStrategy Visual Insight, allowing business people to visually explore and understand their data is a way that is fast, simple, and fun.

- Improved Usability
- Enhanced analytical interactivity
- Access to data across the enterprise
- Enriched imported data
What’s New in MicroStrategy 9.3 System Manager:

AUTOMATE BI ADMINISTRATIVE PROCESSES
MicroStrategy System Manager connects MicroStrategy and non-MicroStrategy operations together in a single workflow in any desired sequence. Using connectors and programmatic elements, an organization can easily convert even its most complex processes into an automated workflow.

NO CODING REQUIRED
MicroStrategy System Manager’s graphical interface lets BI administrators build multi-step, administrative processes with absolutely no coding knowledge required. Anyone can build a workflow by simply dragging and dropping processes, arranging them in the desired sequence, and joining them with connectors.

REDUCED COST OF OWNERSHIP
Organizations can drastically reduce the effort involved in maintaining their BI ecosystems as MicroStrategy System Manager workflows.

- Automatically execute each step of the process precisely following the sequence of the workflow.
- Join both MicroStrategy and non-MicroStrategy operations of a process with connectors.
- Standardize BI administrative processes saving 1,000s of hours of manual effort.
- Bring reliability and consistency to BI ecosystem administration.
What’s New in MicroStrategy 9.3 Web Search:

NEW “GOOGLE-LIKE” METADATA SEARCH ENGINE

MicroStrategy 9.3 introduces a new deep metadata search in MicroStrategy Web. Through auto-complete, suggested matched, and instant search results, business users will locate objects faster and interact with them in a more efficient way.

- Speeds up dashboard and report discovery
- Full access to right-mouse-click menu
- Accessible from various locations

NEW MICROSTRATEGY WEB INTERFACE

The new deep metadata search is part of an overall MicroStrategy Web interface redesign. The Search page is now the default home page when accessing MicroStrategy Web, and it is also available through a quick search box and in the report design mode page. The new interface is implemented as a plug-in and it is easy to revert back to the MicroStrategy 9 Web interface.
What’s New in MicroStrategy 9.3 Distribution Services:

DYNAMIC RECIPIENT LIST

MicroStrategy 9.3 introduces the ability to subscribe to individual report recipients stored in sources other than the metadata. Dynamic Recipient Lists can be subscribed to multiple personalized reports and in combination with Users, Contacts, and Contact Groups. Dynamic Recipient Lists consist of a Source Report and a mapping between Attribute Forms and Subscription Properties, both required and optional.

BURSTING

The new Distribution Services features introduced in MicroStrategy 9.3, provides an efficient way of generating page-by slices to separate files to be stored in a file location. These generated files may be named by the specific page slices, as well as other supported macros in the subscriptions. Simply choose a page-by attribute to slice and a convention for the file names.
What’s New in MicroStrategy 9.3 Data Import:

ENHANCED FILE IMPORT
MicroStrategy 9.3 provides enhanced importing capabilities as well as new data sources for import. Users will be able to import their Salesforce.com reports directly into MicroStrategy Web without an ODBC driver. Also, users will now able to import Excel data in crosstab format and perform enhanced URL import to support UNC Paths…a great complement to scheduled cube updates!

DATA ENRICHMENT
New in MicroStrategy 9.3, users will have the chance to automatically enrich the imported data during import. MicroStrategy Data Import can add hierarchical levels to time columns, add hierarchical levels to geographic columns, and add geo-coding to geographic levels. All of this, translating into a tighter integration with MicroStrategy’s mapping offering.

IMPORT RESULTS OF MULTI-PASS SQL QUERIES
With MicroStrategy 9.3, users can execute multi-pass SQL statements in the ‘Database Import’ feature. Users can also execute selected portions of the SQL to verify individual passes. Furthermore, a preview/mapping information can be displayed for verification purposes before actually importing the data.
“R” ANALYTICS INTEGRATION

MicroStrategy expands its library of over 300 analytical functions with the 5300+ computations available within the “R” open source project, the most widely used statistical computing language.

- Incorporate ‘R’ Analytics for better decisions
- Apply advanced analytics to Hadoop and other corporate data
- Deploy advanced analytics to everyone

FULL ANALYTICS FUNCTIONALITY IN VISUAL INSIGHT

In MicroStrategy 9.3, all derived metric capabilities have been exposed within Visual Insight. Some of the new functionalities include:

- More shortcut metric options
- Full function wizard: user-friendly way to create complicated metrics without knowing the formula
- Freeform text-based metric editor that allows the creation of any derived metric that can be calculated by the MicroStrategy Analytical Engine
- A user can now edit as well as delete derived metrics in Visual Insight
What’s New in MicroStrategy 9.3 Report Services:

SYNCHRONIZED DRILLING ACROSS TEMPLATES

MicroStrategy 9.3 allows the different grids and/or graphs on a Report Services Document to remain in synch when the user drills on one of them. For example, when a user drills from a parent to child attribute on the grid, that selection will apply to other grids and graphs on the same dashboard.

EXPORT A SINGLE GRID/GRAPH

New in MicroStrategy 9.3, instead of exporting the entire dashboard to PDF or Microsoft Excel, the user can choose to export individual grids and graphs on the dashboard to PDF, Excel, its source data, or as an image. This gives additional flexibility with sharing and printing of data.

SAVE PERSONAL VIEW

After personalizing a dashboard by changing the sorting, selector elements, prompt answers, filtering, or pivoting orientation, users can save a personal view of the dashboard. The complete definition of the dashboard is not saved; only the current selections are saved. When the Personal View of the dashboard is run from My Subscriptions, the saved view is initially displayed. Personal Views also apply to Visual Insight analyses and standard grid/graph reports.
What’s New in MicroStrategy 9.3 Big Data:

UNLOCK BUSINESS INSIGHTS STORED IN APACHE™ HADOOP™

MicroStrategy 9.3 includes a native Thrift connector to Apache Hadoop and lets business people retrieve data without needing any Hadoop expertise. Combining big data with the power of MicroStrategy MultiSource Option and In-memory technology, organizations can easily merge Hadoop data with other data sources resulting in high-performance comprehensive data analysis.

ADDITIONAL DATA SOURCES SUPPORT

Besides the support for Hadoop, MicroStrategy continues to certify new data sources and new versions of data sources. Highlights include:

- Teradata V14
- IBM DB2 10
- Microsoft SQL Server 2012
- ParAccel 3.5
- SAP HANA
- Actian Vectorwise
- Composite 6.1

For a full list, see the MicroStrategy 9.3 Readme file.
What’s New in MicroStrategy 9.3 Intelligence Server:

PARALLEL SQL EXECUTION (PSE)
In the current architecture, multiple passes of Report SQL are sequentially executed to return one result set. PSE is the ability to run independent passes of a multi-pass SQL in parallel with the idea of improving overall reporting execution time. This new option is particularly useful for reports that source data from multiple sources, including reports that source data from relational and MDX sources.

INTelligent IN-MEMORY ‘TOTAL’ CALCULATIONS
In MicroStrategy 9.3, subtotals and totals for Count Distinct derived metrics are dynamically aggregated from base level data stored in in-memory data, eliminating double-counting when calculating totals. Note that these totals are only applied to new Count Derived Metrics created from attributes available in memory.

NEW INCREMENTAL DATA TRANSFER VLDB SETTING
This new setting, under “Query Optimization,” at the report and project levels is expected to help reduce peak memory footprint of reports that move large amounts of data between sources such as datamarts, bulk export, and multi-source reports.
What’s New in MicroStrategy 9.3 Health Center and the Platform Installation Process:

NEW HEALTH CENTER CONFIGURATION
New in MicroStrategy 9.3, the configuration of Health Center’s Health Agent and Master Health Agent will be fully integrated in the platform Configuration Wizard. This enhancement will improve the configuration process for Health Center by making it much more convenient and significantly simpler.

SINGLE .CAB FILE REPLACED BY SEVERAL .ZIP FILES
Starting with MicroStrategy 9.3, the packaging of platform installation and configurations files has changed to a much more efficient approach. Some of the most significant changes are:

- Each .zip file contains files related to specific areas of the platform (e.g. Document.zip, Desktop.zip, etc.)
- In custom installations, the .zip files can be downloaded individually
- Customers and users can create custom installations with smaller footprints by picking only relevant pieces

NEW INSTALLATION ROUTINE FOR UNIX/LINUX
Some of the changes in MicroStrategy 9.3 for the Unix/Linux installation include:

- Support for multiple instances of MicroStrategy on the same machine
- Graphical, Command Line and Silent installation modes
- Fresh, Upgrade, Repair, and Modify Installation modes
- Improved Hotfix management
- Install-on-Demand option available
- Set up of Health Center Agent as part of the installation process
What’s New in MicroStrategy 9.3 Transaction Services:

ENHANCED DATA VALIDATION

Starting with MicroStrategy 9.3, MicroStrategy Transaction Services introduces a new set of data validation capabilities when business users write data back to the source.

- New validation types:
  - Phone Number
  - US Zip Code
  - E-mail address
  - SSN
- Support of regular expressions
- Set fields as required

PASS PROMPT ANSWERS BETWEEN DASHBOARDS

In MicroStrategy 9.3, additional link drilling functionality has been introduced for MicroStrategy Transaction Services, in which users will be able to pass prompt answers from one dashboard to another. This feature will greatly enhance the end-user interaction with the transaction-enabled documents and allow a smoother workflow when writing back to the data source.