

# Software AG MashZone NextGen 9.10 Readme

**April 2016**

This file contains important information you must read before using Software AG MashZone NextGen 9.10. You can find system requirements, user documentation, and installation and upgrade instructions on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find suite-related security and globalization information.

Included in this file is information about functionality that has been added, removed, deprecated, or changed for this product. Deprecated functionality continues to work and is supported by Software AG, but may be removed in a future release. Software AG recommends against using deprecated functionality in new projects.

1.0	<b>Critical Information</b> .....	1
2.0	<b>Known Issues</b> .....	1
3.0	<b>Usage Notes</b> .....	2
4.0	<b>Fixes Included in Each Release</b> .....	3
5.0	<b>Other Resolved Issues</b> .....	3
6.0	<b>Documentation Changes</b> .....	5
7.0	<b>Terminology Changes</b> .....	5
8.0	<b>Added, Removed, Deprecated, or Changed Items</b> .....	5
9.0	<b>Copyright Information</b> .....	8
10.0	<b>Support</b> .....	8

## 1.0 Critical Information

This section lists any critical issues for the current release that were known when this readme was published. For critical information found later, go to the Knowledge Center on the [Empower website](#).

## 2.0 Known Issues

This section lists any issues for the current release that were known when this readme was published. For known issues found later, go to the Knowledge Center on the [Empower website](#).

- JBP-3402  
MashZone NextGen system allows to create mashables with special characters  
Creating a Mashup or App using a service which name contains special characters results in an error message.  
There is currently no workaround for this issue.
- JBP-3218  
REST service access errors when REALLOADING a dashboard  
Reloading a dashboard while the transition from EDIT to VIEW is still in progress leads to unexpected REST access error.  
There is currently no workaround for this issue.
- JBP-3191  
Incorrect state when deleting an input parameter  
Arithmetic operator in the Dashboard editor shows an error after a numeric input parameter used in arithmetic operator has been deleted.  
There is currently no workaround for this issue.
- JBP-2367  
RAQL optimized Terracotta BigMemory queries may create different results than non-cache or non-optimized queries  
RAQL has different rules for case-sensitivity than are implemented by Ehcache queries. This leads to different results depending on whether a query is run on cached or non-cached data. When run on a cache, results may be dependent on the degree of optimization.  
There is currently no workaround for this issue.

### 3.0 Usage Notes

This section provides any additional information you need to work with the current release of this product.

#### ***MashZone NextGen Server***

- New Dashboard does not support clustering on MashZone NextGen instances.
- If the MashZone NextGen server is running behind a firewall both TCP ports specified during installation (MashZone NextGen server and internal UM server, default 8080 and 9009) have to be open in the firewall.
- The <storeto> element in RAQL has changed syntax significantly, which may affect any existing mashups created with 3.6. See <http://documentation.softwareag.com/presto/v99/webhelp/index.html#page/presto-onlinehelp%2FstoreExtStmt.html%23> for details.
- The <loadfrom> element in RAQL has changed syntax significantly, which may affect any existing

mashups created with 3.6. See

<http://documentation.softwareag.com/presto/v99/webhelp/index.html#page/presto-onlinehelp%2FloadExtStmt.html%23> for details.

- The interfaces for user-defined analytic functions in RAQL have been changed, which may affect existing aggregate or window analytic function implementations. Plain functions are not affected by those changes. For sample implementations, deployment and usage instructions please see <http://documentation.softwareag.com/presto/v99/webhelp/index.html#page/presto-onlinehelp/userDefinedFunctions.html>.
- Metadata repository configuration is now done via JNDI in the tomee.xml file. Because of this change, the Metadata repository configuration screen is no longer available in Admin Console. See <http://documentation.softwareag.com/presto/v99/webhelp/index.html#page/presto-onlinehelp/moveRepository2NewDB.html> for links to the specific procedure to configure the Presto Repository for this release.

## 4.0 Fixes Included in Each Release

This section lists the latest fix level that has been included in each release for each product component. A release is listed in this section only if changes occurred in that release. Go to the Knowledge Center on the [Empower website](#) for detailed information about fixes.

## 5.0 Other Resolved Issues

This section lists the issues that were resolved in each release but were not part of the fixes listed in the previous section. A release is listed in this section only if changes occurred in that release.

### ***Release 9.10***

- JBP-3245  
<invoke> using stream=true has wrong semantics when used with CSV source  
EMML <invoke/> on csv sources with stream=true was causing non-application of RAQL scheme semantics on the datasource. Also this was internally building XML DOM from source, instead of streaming data from source to RAQL engine.
- JBP-3242  
RAQL date parsing accepts before reaching the end of the field  
Several fixes concerning RAQL date parsing may lead to changed behavior concerning the actual datatype that is guessed from a data source without an explicit scheme. Now date can be guessed where previously string was used, because of added support for date formats. Also string can be guessed where it was date before, because parsing is more strict than it was before (e.g. does not terminate before the end of a value has been reached).  
In order to avoid this type of problem, it is highly recommended to use explicit schemes, rather than relying on data type guessing for production systems.

- JBP-2799  
Mashup JSON responses are not cast to XML when output is of document type  
In EMML, assigning JSON value to XML variable type within a Javascript block will now trigger implicit conversion from JSON to XML. In previous versions, no such implicit data conversion happens and users manually had to convert by typically calling a Java API.
- JBP-2769  
Several label texts / items weren't localized in Dashboard editor.
- JBP-2762  
Paged Layout of a workspace was not working correctly when logged in using Japanese language.
- JBP-2725  
XML Source couldn't handle XML sources based on XML attributes exclusively.
- JBP-2676  
The Audit Logs window didn't display the dates in Japanese format using Japanese language.
- JBP-2373  
EDA Event Sources lose "connection" to UM  
The size of internal UM events to handle results of queries greater than 3MB can be specified in key `um-server.maxBufferSize` of file `um.properties` (folder `<installDir>\um`), default value is 3145728 (3MB).
- JBP-2372  
If input value is more than Max value defined in Color Ranges field of Gauge Set View, the pointer was pointing to 0 Which is minimum value.
- JBP-2370  
Missing the upper limit value in Color Ranges field of Gauge Set View no color for palette was displayed.
- JBP-2351  
Wiring of an App was not working for Map View, the according icon was shown but when clicked it was showing nothing and wasn't able to do wiring with other apps.
- JBP-2323  
If the network connection gets broken for any reason running a Mashup or App successfully and this Mashup or App was opened again an unclear message was displayed.
- JBP-2322  
A mashable based on a CSV file didn't show complete data in Tree View by default.
- JBP-2152  
Under certain circumstances adding an element to favorites didn't show any message in the info box.
- JBP-2107

Date selection Mashup / Mashable snapshot allowed to specify future dates of Presto system date.

- JBP-1332  
The required authentication to upload files to MashZone NextGen server has been improved.

## 6.0 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content. A release is listed in this section only if changes occurred in that release.

## 7.0 Terminology Changes

A release is listed in this section only if changes occurred in that release.

### ***Release 9.10***

Old Term	New Term
Presto	MashZone NextGen Presto has been renamed to MashZone NextGen. This affects only the UI and documentation (Online help).
Speedometer chart	The Speedometer chart has been renamed to Circular Gauge chart.
Freeform	Dashboard editor

## 8.0 Added, Removed, Deprecated, or Changed Items

This section lists features, functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed. A release is listed in this section only if changes occurred in that release.

### ***Release 9.10***

Added Item	Description
Runtime	MashZone NextGen provides scripts to run the server in Docker environment.
CSV / XML source	The handling of MashZone NextGen CSV and XML sources used in Dashboard Editor, RAQL and MZ feeds and has been unified.

Added Item	Description
RAQL enhancement	<p>The RAQL interface has been improved:</p> <ul style="list-style-type: none"> <li>▪ Added support for Outer Joins (left, right, full) as specified in SQL standard</li> <li>▪ Within RTM the physical query has been optimized by using hash based Difference and hash based Intersection.</li> </ul>
Pie chart labels	<p>The ability to display labels outside a pie chart has been added by selecting option Value Position outside.</p>
Data source	<p>The following source operators have been added:</p> <ul style="list-style-type: none"> <li>▪ CSV</li> <li>▪ JDBC</li> <li>▪ ARIS table</li> </ul>
XML source operator	<p>The current column configuration can be copied to the clipboard. Also, white spaces for column names are supported.</p>
Data calculation	<p>The following calculation operators have been added:</p> <ul style="list-style-type: none"> <li>▪ Arithmetic</li> <li>▪ Aggregate</li> <li>▪ Condition replace</li> <li>▪ Filter rows</li> <li>▪ Processing columns: Insert, Delete, Rename, Duplicate</li> <li>▪ Move date</li> <li>▪ Round up/down</li> </ul>

Added Item	Description
Chart types	<p>The following types of charts have been added:</p> <ul style="list-style-type: none"> <li>▪ Bar chart</li> <li>▪ Horizontal and vertical Gauge chart</li> <li>▪ Traffic lights</li> <li>▪ Thresholds and traffic lights in grid</li> <li>▪ Enhanced styling features in the container and header of widgets. The following items can be specified for Y-axis of a chart: title, common format, and data range.</li> </ul>
Dashboard editor	<p>The Dashboard editor has been enhanced:</p> <ul style="list-style-type: none"> <li>▪ Access a MashZone NextGen Dashboard/App from an external application e.g. MWS using an URL where parameters can be provided and accepted by the MashZone NextGen Dashboard/App</li> <li>▪ Certain actions (change tab, set selection, call URL) can be triggered by selecting, clicking or hovering over a widget</li> <li>▪ Dashboard only mode: the dashboard header can be hidden by URL parameter</li> <li>▪ Dashboards can be opened from the hub</li> <li>▪ Dashboards based on non EDA sources can be refreshed automatically in a regular manner.</li> </ul>
Removed Item	Replacement, if any
Grid options	<p>The grid option “Negative values in red” is no longer supported. The user can use thresholds instead.</p>
XML source operator	<p>The ability of the XML source operator to switch back and forth between grid and text mode has been removed.</p>
Deprecated Item	Replacement, if any
Sharepoint connector	
Portal connector	Embedded using iFrames

Deprecated Item	Replacement, if any
RAQL Explorer	

  

Changed Item	Description
Data points of a line chart	The look of data point of a line chart can be set. Options are none, small and big.
Dashboard editor masthead	The Dashbord editor masthead has been aligned with the MashZone NextGen one.
Selection Dashboard editor source	All operators of Dashboard editor are listed on the right side and can be added by one click.

## 9.0 Copyright Information

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## 10.0 Support

Visit the [Empower website](#) to learn about support policies and critical alerts, read technical articles and papers, download products and fixes, submit feature/enhancement requests, and more.

Visit the [TECHcommunity website](#) to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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