



HEXAGON

Release Guide

Release Guide

M.App Enterprise 2019 Update 4

Version 16.6.4
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Contents

About This Release	3
M.App Enterprise Product	3
Enhancements	4
Issues Resolved	5
Contact Us	8
About Hexagon.....	9



About This Release

This document describes the enhancements for M.App Enterprise. Although the information in this document is current as of the product release, see the Hexagon Geospatial Support website for the most current version.

This release includes enhancements and fixes. For information on fixes that were made to M.App Enterprise for this release, see the Issues Resolved section.

This document is only an overview and does not provide all the details about the product's capabilities. See the online help and other documents provided with M.App Enterprise for more information.

The release guides for previous updates as well as the release guide for the M.App Enterprise 2019 major release can be found on the [community page](#).

M.App Enterprise Product

M.App Enterprise is an on-premises platform for creating geospatial apps for your organization. M.App Enterprise stores your imagery, vector and point clouds, workflows, analytics, and queries, all accessible in one place from an easy-to-use interface. With the M.App Enterprise platform, you can build and deploy your own geospatial applications (called Hexagon Smart M.Apps) to solve your organization's business problems. Hexagon Smart M.Apps are cloud-based targeted, lightweight, and dynamic apps that provide answers and present information in a visual and compelling way.

M.App Enterprise delivers a privately hosted solution for organizations that want to realize the value of a Smart M.App deployment but stay within the confines of their enterprise network.

With M.App Enterprise, you can access Smart M.Apps anywhere within your organization's network for real-time answers.

Enhancements

- Improve performance of tile preloading for offline use
- Update to latest [HERE maps authentication methods](#)
- Update to latest LuciadFusion 2019 version (2019.1.08)
- Update to latest LuciadRIA 2019 version (2019.1.10)
- Update to Java 14
- Several bug fixes, see [Issues Resolved](#)

Issues Resolved

Issue #	Summary	Description / How to Reproduce
00032807	Invalid response from WMS service on invalid request.	When connecting to a MAE WMS service with out any parameters the error returned is No HTTP resource was found that matches the request which is not a valid OGC WMS response.
00043409	Workflow Editor - delete button doesn't have any effect in the form edit view	While creating a form in the Workflow Editor - under the Root node, some unneeded forms are added. When I tried to delete these forms using [Remove Selected Item] icon on top right it is not deleting.
00043620	Vector data imported as EPSG 2925 shows invalid when set to Caching	When importing datasets into Vector Data in MAE the import goes fine. However when reviewing the imported Vector Data it is showing as invalid when Caching is checked during the import.
00044802	Usage reported one day before in Management statistics	When reviewing usage in the master database the Usage records are tracked accurately to the date the session occurred. However, we have noticed that in Management, the Usage report is showing these same records as though they occurred a day earlier than they actually occurred.
00052260	Issue publishing WMTS service for polygon features with arcs	I am having trouble publishing a WMTS service from a cached vector dataset. The process starts but hangs up almost immediately and the log reports "SRID on geometry is mandatory for this operation".
00055340	Analyzer - Web GL error when zooming/panning against compound geometries	When the VS feature contains compound geometry the features disappear and produce an error in Web GL when zooming and panning.
00055343	WMS - 'SRID on geometry is mandatory for this operation' error for cached data	A customer is trying to generate a WMS and visualizing within a desktop app. The 'own geoservice' contains one vector data (EPSG 2056) and sets the CRS to 3857. When visualizing the WMS in a desktop app the error is thrown saying '{"message": "SRID on geometry is mandatory for this operation."}'.
00056045	Custom HTML chart in FA is missing scroll bar initially	If the content of a HTML chart is too large, it overflows the dialog and there is no scroll bar initially. If the dialog position is float, then the problem gets fixed immediately after resizing the dialog. If it is docked, there is no way to correct the problem.
00056047	Feature Analyzer - Localization partially falls back to english	We had several feature analyzer m.apps running in german. 2 weeks ago, some of the texts switched to english.
00058711, 00059436, 00059466	Cluster display requires x/y geometry fields and EPSG code set manually	Analyzer Views from past versions of MAE that utilized Cluster Display no longer display as Clusters after upgrade to MAE 2019 Update 2.



00059825	Unable to see M.Apps when logged into MAE Apps as an Active Directory User.	Active Directory user is unable to see M.Apps associated to the Role when logging in to Apps page
00060121	Workflow action will open in Grid if Workflow with Grid location is opened previously	If a workflow with Grid location is open when another workflow is started that workflow will open in the Grid even if the location is not set to Grid.
00060468	German official WFS (ALKIS) cannot be registered	"Customer tries to register a WFS, but no matter if which EPSG 3857 is selected the registration fails with an error." "
00060473	Error occurred while importing vector data - EPSG 25833	When importing vector data with source EPSG 25833 and caching set the MAE is complaining "An error occurred while importing vector data! Please define the caching information manually." Manually setting the bounds does not help alleviate the issue and message remains. There is no issue importing the dataset if Caching is turned off.
00060708	Vector Sets error - the first and last coordinate must be equal	We are trying to create Vector Tiles and Services out of a dataset. For both, Vector Tiles and Services, the data shows the error for all polygon layers: 'first and last coordinate must be equal'.
00060982	My GeoServices - Dataset list in empty if not making at least one Vector Set in tenant	Though the My GeoServices is designed to publish vector layers without relation to Vector Set, if there is no Vector Set defined, one cannot see list of vector content to publish. After creating a Vector Set, all available vector layers suddenly gets in the list for use in My GeoService.
00061693	LoginName is not found in the user activation email	The FullName which is not a required field appears in the Activation Email and should the user miss this or not make note of the login name during password set, there is not an easy way to find the LoginName without contacting the Studio Admin.
00061708	Cannot assign geometry to existing feature	It was possible to add geometry to an existing record without geometry in version 16.5 using GE_NEW... command and specifying the FORM.id field in the SC.digitize method. This stopped to work in 16.6.
00063834	Text Symbolizer ignores database driven attributes	When setting the text style attributes from database, the values are mostly ignored, i.e. Font family, Font style and Font weight. The only two attributes are honored - Label text and Font size. This is for a desktop application.
00063889, 00064015	Print Layout Editor doesn't show context menu	Open an existing .mepl or .scl file, right-click anywhere within the print layout, no context menu is shown
00063898	Desktop app search fails if the query definition contains non-ASCII characters	If the query definition contains non-ASCII characters in the ENTITY field (to be displayed in the GUI), the string is correctly displayed in the query parameters dialog, however the query then fails with an error message. The issue has been reported with Hebrew, but can also be reproduced with Czech language.



00064054, 00063889, 00062997	PrintLayout Editor - Page Setup option doesn't work	Launch a PrintLayout Editor from M.App Studio, try to open File > Page Setup - nothing happens
00064469	After opening a *.mepl file in the Print Layout Editor, the MOVE ELEMENTS tool isn't working	In the Print Layout Editor after opening a .mepl file the move elements tool no longer works. The only way to select and move an existing element is by the element dropdown list and manually submitting left and top position values.
00064515	Desktop App - Count of records in query result doesn't appear until a record is removed	The Query result window doesn't show records count until a row is deleted from the results.
	SRID is not set in mapp_dataset in all cases	Set SRID in mapp_dataset if possible, only validate if SRID is valid in DatasetContentController.MapDatasets if it has a value
	WFS not working	GetFeature and GetFeatureInfo requests for certain URLs get redirected and the new url is not parsed correctly.
	Workflow SQL statements need to case sensitive at least for MS SQL Server	Create a MS SQL Server database with collation Latin1_General_CS_AS with a table with some data, create a workflow showing a list of this table, while showing the workflow an error occurs: invalid statement 'pagestatement'
	Decimal separator setting not honored (French-Swiss region)	Customer uses French-Swiss Windows (fr-ch), where the decimal separator is a dot '.', instead of comma ',' used on a general fr-fr regional settings. But when setting a distance in annotation tool, the dot is converted to comma and the part after decimal separator is ignored.
	Custom CRS deletion breaks vector data	When you delete a custom CRS that is tied to a vector data, then the Vector content stops displaying all entries and an error is logged.
	Desktop - An empty legend can no longer be edited after saving it	Try to edit an saved, empty legend. The edit view is not displayed the window remains empty.
	Workflow Editor: SQL[] needed for filter configuration	In workflow editor SQL[] prefix is needed for predefined filters configuration, otherwise a validation error is raised



Contact Us

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Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

Hexagon's Geospatial division creates solutions that deliver a 5D smart digital reality with insight into what was, what is, what could be, what should be, and ultimately, what will be.

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