Release guide

M.App Enterprise 2025

Version 17.0.0

21 May 2025

Contents

About this release

This document describes the enhancements for M.App Enterprise 2025. The information in this document is current as of the product release. For the most current version, visit the Support Portal.

This release includes fixes and enhancements to M.App Enterprise 2025. For information on product fixes, please review the "Issues resolved" section. For information on enhancements, read the "New technology" section.

This document is only an overview and does not provide every detail about M.App Enterprise's capabilities. For additional information about M.App Enterprise, please read our online help and other product documentation.

!! Change in the Version schema!!

From now on, the major version will be increased with the first number, and the minor version will be increased with the second number. This means M.App Enterprise Updates will be 17.1, 17.2, and so on, and the M.App Enterprise Major versions will be 18.0, 19.0, and so on. With this change, the last number will be the Patch Release, where only bug fixes will be included.

New platforms: M.App Enterprise 2025

No new platforms for this release of M.App Enterprise

New technology: M.App Enterprise 2025

UI / UX Update in Management / Studio / Apps page

The switch from legacy frameworks like KendoUI to the modern UI framework of MUI in the M.App Enterprise 2025 release represents a significant upgrade in terms of user interface and user experience. MUI offers a more modern design, improved navigation, and enhanced functionality, which contributes to a better user experience. This transition allows for more efficient management of customer interactions and provides a seamless experience across different platforms, including web and mobile applications.

IMAGERY deprecated

With this version, we decided to deprecate "Imagery," and you must set up your images via Luciad Fusion. For more information, please visit our website and have a look at the blog post there:

https://mae.hexagon.com/news/major-changes-coming-to-mae-17-0/

Google Maps 3D Tiles

With this update, you can use the Photorealistic 3D tiles of Google in your browser application. A valid Google Maps API Key and M.App Enterprise Professional are prerequisites. You can find the corresponding option at **3D Data -> NEW -> Google 3D Tiles.**

HERE Maps v3

In this version of M.App Enterprise, we upgraded the HERE Maps approach to version 3. From your perspective, nothing changes. As soon as you go into the HERE Maps GeoService, you will get a notification that the current version (v2) for which you initially created the GeoService is no longer available, and we upgrade you automatically to the latest version of HERE Maps.

Mobile v2

There is a new client app available for this release of mobile called **MAE Mobile.** Which means if you plan to stay on the 16.x line – please continue to use the "old" **M.App Enterprise** app. If you prefer to upgrade to the latest major only the new app is usable.

Other main features are:

- Change the framework to MAUI
- Luciad as the new map engine (default on Windows)
- Many new fields, actions and script functions
- Developer mode

Detailed description and documentation can be found at https://mae.hexagon.com/docs/mobile/

System requirements

M.App Enterprise 2025
Server:

Computer/Processor	64-bit: Intel® 64 (EM64T), AMD® 64 or equivalent (Multi-core processors are strongly recommended)
Memory (RAM)	8 GB or more strongly recommended
Disk space	• 1.3 GB for software
Production environment	Two different types of server: • One application server • One tile server (for cache creation) If M.App Enterprise PRO license with LuciadFusion is used: • One LuciadFusion application server
SSL certificate	M.App Enterprise comes with a preconfigured self-signed certificate. But like in many cases, an organization should come up with their own certificate from a trusted certificate authority (CA). It can be a domain certificate issued by your organization or a CA signed certificate.
Operating Systems	• Windows Server® 2012 Standard and Datacenter (64-bit) • Windows Server® 2012 R2 Standard and Datacenter (64-bit) • Windows Server® 2016 Standard and Datacenter (64-bit) • Windows Server® 2019 Standard and Datacenter (64-bit) • Windows Server® 2022 Standard and Datacenter (64-bit) • Windows Server® 2025 Standard and Datacenter (64-bit) Note: Windows 8.1, 10, 11 are supported for basic testing and not recommended for deployment in a production environment
Software	• .NET 4.8 or higher
Database engines	Minimum: • PostgreSQL 9.4 with PostGIS 2.0 • Oracle® Server 12c 64-bit (Oracle 12.1) • Microsoft® SQL Server® 2012 64-bit Tested on our development environment: • PostgreSQL 17 with PostGIS 3.5.0 • Oracle® Server 21c 64-bit • Microsoft® SQL Server® 2022 64-bit

Client:

Computer/Processor	2 GHz minimum, Hyper Threading or multi-core recommended
Memory (RAM)	2 GB or more strongly recommended
Display properties	24-bit color depth
Screen resolution	1024 x 768
WebGL	WebGL 2.0 is required to run LuciadRIA with the hardware-accelerated map in 2D or 3D. If your browser and hardware are capable of rendering LuciadRIA maps you can do the check here: https://webglreport.com/?v=2
Peripherals	Mouse or pen for input For tablets: Digitizer is recommended
Networking hardware	Simple TCP/IP, Network Card
Disc space	200 MB
Operating systems	• Windows 10 • Windows 11
Supported web browsers	• Google Chrome • Mozilla Firefox • Microsoft Edge
Supported mobile platform	• Android 5.0 or higher • iOS 8 or higher • Windows 1709 or higher

Issues resolved: M.App Enterprise 2025

Support ticket	Summary
00195967 00195295 00398146	Styleset with filter LIKE or OR not saved
00178997 00201528	Workflow 401 in MAE Desktop App
00322023	Dashboard - tooltip value interpreted as numeric
00418217 00414778	Tooltip issue in dashboard after update from M.App Enterprise 16.8
00417827	Missing API key in WMS request in Desktop App
00419429	Old print setting files aren't read properly in the Desktop App
00405030	Unexpected data filtering after Dashboard App start
00392353	Google maps is not shown with the requested language
00392319	Statistical functions in Number widget are handling NULL values wrong

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

Hexagon's Safety, Infrastructure & Geospatial division improves the resilience and sustainability of the world's critical services and infrastructure. Our solutions turn complex data about people, places and assets into meaningful information and capabilities for better, faster decision-making in public safety, utilities, defense, transportation and government.

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