



M.App Enterprise Training

Hexagon's Geospatial Division

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Abstract

This training is a technical introduction to M.App Enterprise 2019.

Attendees will learn how to develop Smart M.App applications by using out-of-the-box tools or custom code. They will also gain insight into the architecture, installation, and configuration processes.

The training is aimed at Geo-ICT developers, project engineers, and technical presales consultants.

Agenda

General rules:

- Training starts at 10 am on the first day and typically ends at 5 pm
- After the first day, training starts at 9 am
- Training ends at 4 pm on the final day
- The goal is to have several 15 minutes breaks
- Topics are subject to being changed or rearranged

DAY 1	
Morning	M.App Enterprise Overview M.App Enterprise Concepts and Design Patterns
	Installation Process Walkthrough and Demo <ul style="list-style-type: none"> • M.App Enterprise • LuciadFusion • Geoprocessing
Lunch Break	
Afternoon	Getting Up and Running with M.App Enterprise Studio <ul style="list-style-type: none"> • Create a new tenant (configuration) • Manage security • Vector and raster layer definitions • Services

	<ul style="list-style-type: none"> • Styling
DAY 2	
Morning	Rich Client Application Configuration <ul style="list-style-type: none"> • Queries • Introduction to workflows
Lunch Break	
Afternoon	Workflows: Advanced Use Cases
DAY 3	
Morning	Browser Application Configuration <ul style="list-style-type: none"> • Map panel • Custom panel LuciadFusion Data and Services <ul style="list-style-type: none"> • LuciadFusion Studio • LuciadFusion services in M.App Enterprise Studio • 3D data in M.App Enterprise Studio
Lunch Break	
Afternoon	Geoprocessing Integration <ul style="list-style-type: none"> • Introduction • Architecture description • Analytics pane Feature Analyzer <ul style="list-style-type: none"> • Different data sources • Theme customization • Charts • Extensions: HTML and JS in Functional Attributes • Theming
DAY 4	
Morning	Mobile Application <ul style="list-style-type: none"> • Introduction

	<ul style="list-style-type: none"> • Architecture description • Shell configuration
Lunch Break	
Afternoon	Wrap Up and Discussion

Prerequisites

- Experience in enterprise environments
- M.App configuration and Workflow Manager (preferred but not mandatory)
- Database and SQL knowledge
- Development skills for M.App Reader Framework, JS, HTML, CSS 3

The training will be conducted using a public-facing server; all the attendees must bring their own laptops with the following specifications:

Hardware requirements:

Supported and Recommended	
CPU	2 GHz minimum, hyper threading or multi-core recommended
Memory/RAM	2 GB minimum
Display Properties	24-bit color depth
Screen Resolution	1024 x 768
Peripherals	Mouse or pen for input (for tablets, digitizer is recommended)
Networking Hardware	Simple TCP/IP, network card

M.App Enterprise Client needs at least 50 MB of available disk space. Additional disk space may be required. M.App Enterprise Clients will create cache files if needed.

Software requirements:

Operating system for Java based client (for example)
Windows 7 SP1
Windows 8
Windows 8.1
Windows 10

Disk space requirements

About Hexagon

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

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.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 4.3bn USD. Learn more at hexagon.com and follow us @HexagonAB.

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