

DATA SHEET

MapInfo® Manager™ & Compass Enterprise Comparison Guide

SPATIAL DATA INFRASTRUCTURE SOLUTIONS FOR DIFFERENT APPLICATIONS. REVIEW WHAT SIMILARITIES AND DIFFERENCES THERE ARE BETWEEN THESE TWO PRODUCTS.



Summary

Choose the application that best suits your needs. Pitney Bowes MapInfo Manager and Compass Enterprise can help different customers with different challenges around the topics of spatial data management and establishing a single point of truth for an organisation's spatial data.

OVERVIEW

Pitney Bowes Business Insight has been developing Location Intelligence solutions for over twenty years and now has an extensive product range including desktop, web and mobile products. For some users confronted with the choice of which Location Intelligence software to use, the decision can seem daunting.

In focus are two spatial data management solutions from Pitney Bowes Business Insight - MapInfo Manager and Compass Enterprise. The benefits of both are reviewed here to help make a more informed decision on which product(s) to choose to suit specific needs.

On the surface, MapInfo Manager and Compass Enterprise may seem to perform similar functions but they are quite different products, targeted at different types of users to solve different business challenges. MapInfo Manager is a new application that has been designed to complement the MapInfo suite of Location Intelligence technology with enterprise-grade data management facilities that establish a single point of truth for all MapInfo spatial data. This central repository is then configured to service diverse audiences with catalogues for data discovery and publishing for data access.

Compass Enterprise is designed to provide a self sufficient solution for the management and interrogation of any spatial or spatially related data. Compass has specific strengths around the ability to deploy into any organisation with a mix of GIS and spatial data (including MapInfo, ESRI, Intergraph, etc). With strong previewing capability and GIS application linking, Compass

Enterprise is a GIS agnostic system to help an organisation administer any and all spatially related data.

The following sections provide an overview of the features and benefits of each product.

MapInfo Manager - What is it?

MapInfo Manager enables GIS managers and data custodians to manage spatial data with a view of establishing a single point of truth for MapInfo spatial data across the organisation. It empowers these data custodians to create a centralised index/catalogue for their MapInfo data which allows the easy discovery and sharing of map-based information across the business and with partners and citizens. By being able to register MapInfo data, assign descriptive information (metadata) and define how the data can be searched and accessed, an organisation can assure a trusted destination exists to help data users find, understand and access the data they need.

MapInfo Manager is a new orchestration capability that weaves across the MapInfo suite of Location Intelligence products from Pitney Bowes Business Insight. It offers a single, unambiguous, authoritative reference for all of an organisation's MapInfo data. Even though MapInfo Manager is a standalone, web-architected application, it has tight integration with MapInfo Professional and soon MapInfo Stratus and MapInfo Exponare. This means that even though MapInfo Manager can serve the needs of global communities through the effective use of industry standards, it offers impressive simplicity and efficiency for MapInfo users needing to consume data administered through a single point of truth.

MapInfo Manager & Compass Enterprise

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What is a Single Point of Truth?

Single point of truth implies that an organisation has defined and communicated a single, authoritative and official location to search for and find data. The data referenced in the metadata library or catalogue is the 'official' version that users throughout the organisation should be using. Duplication of data or an absence of metadata can cause confusion, clutter and inefficiency. Establish a Single Point of Truth – the trusted destination for users to rely on for data discovery.

Specifications

MapInfo Manager v1.0 is now available. Version 1.1 is scheduled for March 2011.

Compass Enterprise v4.0 is now available.

The primary benefits you can expect include:

- Provides an easily searchable, standards compliant, central repository of your MapInfo data.
- Optimises data access - everyone who needs it, finds it.
- Assists organisations to establish a single point of truth for their spatial data.
- Saves costs by avoiding duplicate data collection or purchases.
- Increases understanding of the characteristics and appropriate uses for your data. Empower every user to assess fitness for purpose before using data for projects and analysis.
- Ensures your organisation offers a robust spatial data infrastructure, exploiting standards like ISO and OGC.

Compass Enterprise – What is it?

Compass Enterprise is a complete data management solution for all forms of data including spatial, spatially-related and non-spatial data. It is a standalone data discovery solution that is GIS agnostic, offering organisations the ability to manage all spatial data regardless of file format or GIS used. Compass is specifically designed to exploit the geographical or spatial context of data. Compass automatically recognises the geographical position and extent of spatial data (cadastral surveys and satellite images, for example) and allows nonspatial data (reports, financial data, presentations, photos, and multimedia files, for example) to be catalogued with a spatial reference. When this spatial reference is combined with conventional metadata (date, status, format, source, and such), the business processes by which information is managed and extracted are transformed.

Compass also has powerful spatial searching capabilities, which all users can utilise through an intuitive map-based interface. So, in addition to searching for data by its metadata, users can restrict searches by geographical boundaries, regions, and features. By creating a single point of entry to the entire corporate catalogue,

Compass makes it easier for organisations to understand what data exists, where it is located and what restrictions apply to how it can be accessed.

Compass Enterprise offers several applications, depending on the user type: administrator, power user or thin web client. There are application links with several prominent GIS (including MapInfo Professional and ESRI ArcGIS) and it has the ability to preview over 150 spatial file formats directly within the product.

The Right Tool for the Job

Fundamentally MapInfo Manager and Compass Enterprise are different products designed for different business problems. There is, however some overlap in capability and this will be explored.

MapInfo Manager has been developed to specifically extend the capabilities of the MapInfo suite to enable enterprise data cataloguing, description (through metadata) and publishing. It has been designed to tightly integrate with other MapInfo products to complete a spatial data infrastructure picture.

Compass Enterprise is designed to offer a self-sufficient data cataloguing, description, discovery and preview solution for any spatial or spatially related data. Compass does not rely on a GIS to operate, which gives it autonomy over any specific GIS or GIS file format. Compass can also be deployed in the field in a 'disconnected' fashion as well. As such Compass offers a unique competitive edge for organisations that want to administer a Single Point of Truth for spatially related data where multiple GIS and spatial file formats are in use.

Both applications adhere to industry standards for metadata creation (based on the ISO19115 profile such as ANZLIC, GEMINI, GM03 and FGDC) but only MapInfo Manager also exploits the catalogue discovery standard OGC CSW. Adhering to this standard is important as it ensures that any other conforming application is able to search, discover and access data published by MapInfo Manager. Compass is not able

“AT PITNEY BOWES WE STRIVE TO ENSURE OUR DIVERSE CUSTOMER BASE IS PROVIDED WITH VALUABLE SOLUTIONS THAT MEET SPECIFIC BUSINESS NEEDS. WITH THE CHOICE OF EITHER A TIGHTLY INTEGRATED MAPINFO SOLUTION OR A FLEXIBLE, GIS AGNOSTIC APPLICATION MANY MORE CUSTOMERS CAN FULFIL THEIR SPATIAL DATA INFRASTRUCTURE OBJECTIVES”.

Sean Richards
 Director, Product Management APAC
 Pitney Bowes Business Insight

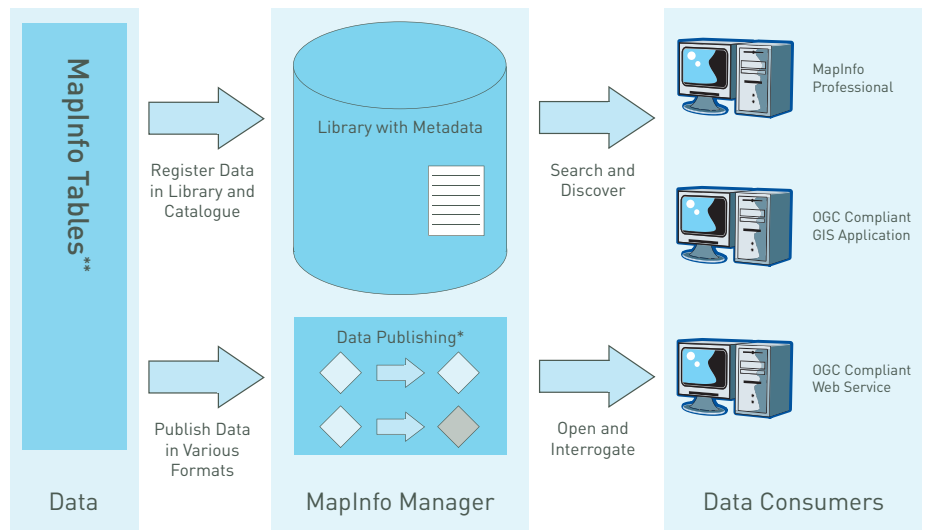
to offer the same open accessibility to its catalogue resources because of this.

Compass has been designed to be self sufficient. This is demonstrated by its ability to preview any spatially relevant data (up to 150 spatial file formats in the desktop application) from within the application. It can then instruct a GIS to open a discovered dataset. This is powerful for organisations that might have various file formats like MapInfo Table and ESRI SDE coverages, etc. A user can discover a catalogued resource from within Compass Enterprise, preview it and then open the data in their preferred GIS for

subsequent analysis. This is also why it was important not to brand Compass Enterprise as part of the MapInfo suite. Its ‘agnostic’ status means it can be deployed in ESRI sites just as efficiently as MapInfo sites.

MapInfo Manager is a standalone application that has been designed to tightly integrate into the MapInfo suite to deliver a simple, effective, single point of truth for an organisation’s spatial data resources. It extends the capabilities of today’s MapInfo suite to improve the efficiency of existing users as well as delivering data to additional, more diverse audiences.

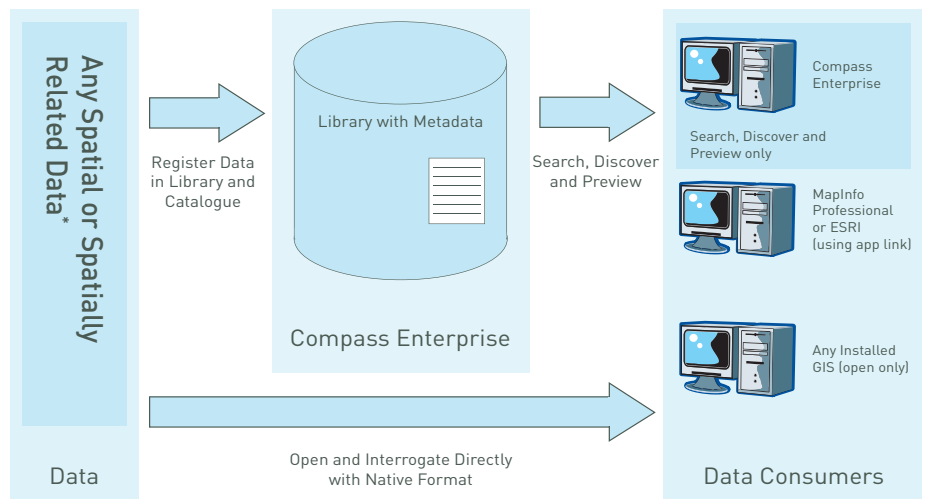
Scope of MapInfo Manager



*Publish data in MapInfo table format or in OGC WMS (Web Mapping Service) format from version 1.1, for standards conforming interoperability. Other formats like OGC WFS and web tiles to come in future versions.

** From version 1.1 the formats will include Shapefiles, Oracle Spatial and MapInfo Workspaces.

Scope of Compass Enterprise



*Up to 150 common spatial data formats.

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Technical Comparison Chart

This comparison chart shown below reviews necessary capability around data management, metadata management and establishing a spatial data infrastructure. It will help clarify the unique capabilities of both MapInfo Manager and Compass Enterprise.

More Information

To assess your options and ensure you are getting the right product mix (solution) for your business needs, please talk to your

Pitney Bowes Business Insight Account Manager. They will work with a designated Solutions Architect who will determine your business requirements and propose the best solution to meet your business needs drawing from our rich suite of products across Location Intelligence, Data Quality, Data Integration, Customer Analytics, Customer Communication Management and Customer Relationship Management portfolios.

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02.9437.6255 FOR MORE INFORMATION.

	MAPINFO MANAGER	COMPASS ENTERPRISE
Data Formats	<ul style="list-style-type: none"> MapInfo TAB Oracle (MapInfo Manager 1.1) Shapefile (MapInfo Manager 1.1) MapInfo MWS Workspace 	<ul style="list-style-type: none"> Any data type Spatial + non-spatial URL SharePoint integration Spatial DB connections <ul style="list-style-type: none"> - ArcSDE - Oracle - SpatialWare
Metadata Schemas	<ul style="list-style-type: none"> ISO 19115 Gemini v1.0 Gemini v2.1 (MapInfo Manager 1.1) Custom (MapInfo Manager 1.2) 	<ul style="list-style-type: none"> ISO 19115+ Custom - simple or hierarchical
Catalogue Publishing	Yes, OGC CSW	No
INSPIRE Compliant	Yes	No
Thumbnail Preview	Yes	No
Preview (Dynamic)	No	Most spatial data formats (150 GIS, engineering, images +)
Harvesting (File System Information)	Yes	Yes
Harvesting (OGC Services)	Yes (MapInfo Manager 1.1)	No
Metadata Storage	File base <ul style="list-style-type: none"> XML files 	Database <ul style="list-style-type: none"> SQL Server Oracle DB
Architecture	Web-based extensible	Desktop with web client; rigid
Data Publishing	Yes <ul style="list-style-type: none"> MapInfo table OGC WMS (MapInfo Manager 1.1) OGC WFS (MapInfo Manager 1.2) Tile served (MapInfo Manager 1.2) 	No
MapInfo Professional v10.5 Integration	Seamless integration with catalogue browser	Compass MBX
ArcMap ESRI ArcGIS Integration	No	Arc extension
Security	Role Based (MapInfo Manager 1.1)	Active Directory
Catalogue Sub-setting	No	Offline process - data and catalogue
Searching	Keyword <ul style="list-style-type: none"> Spatial (not in the application) <ul style="list-style-type: none"> MapInfo Professional - MBR OGC compliant application - MBR 	Spatial <ul style="list-style-type: none"> Compass+MapInfo Pro+ArcMap->MBR and complex geometry

Every connection is a new opportunity™