



Omniscient

Spatial Metadata Management Solution from OMNILINK

An open and vendor independent solution to acquire, sort and present spatial metadata in an ANZLIC ISO 19139 standard

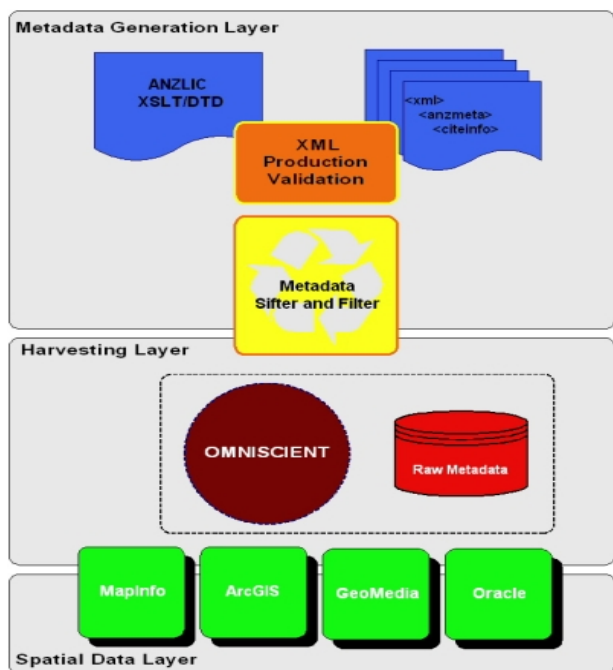
Omniscient (a 16th century term for having complete or unlimited knowledge, awareness, or understanding) addresses key issues for spatial data custodians — the need to search out spatial data across an organisation, cataloguing data and deciding on which version is the central source, the creation of metadata to a standard, and the presentation of this data to many users. Omniscient answers all of these issues whilst remaining vendor independent and fully compliant to ANZLIC ISO19139. OMNILINK have developed Omniscient as a server based solution, that is multi-user configurable as business needs change.

Omniscient is a suite of tools for metadata management, with three components...

Omniscient Harvester - scans, mines and extracts metadata across files, file systems and databases to produce an inventory of spatial and associated data that is the starting point for the establishment of best practice information management and in particular the creation of a spatial data infrastructure (SDI) within a business unit, an agency and the wider community.

Omniscient Sifter - utilises the output from the Harvester to sort and identify the inconsistencies within the data inventory such as duplicates, data orphans, multiple versions. Provides for output in ISO 19139 format including reprojection of multiple data sources.

Omniscient Metadata Manager - MDM is a web enabled application that provides enterprise deployment of metadata for the purposes of discovery. Multi-user capability across "consumers, maintainers and creators". MDM is implemented using GeoNetwork open source code as the base technology. Site specific interface configuration is available.



For more information about *Omniscient* please email:

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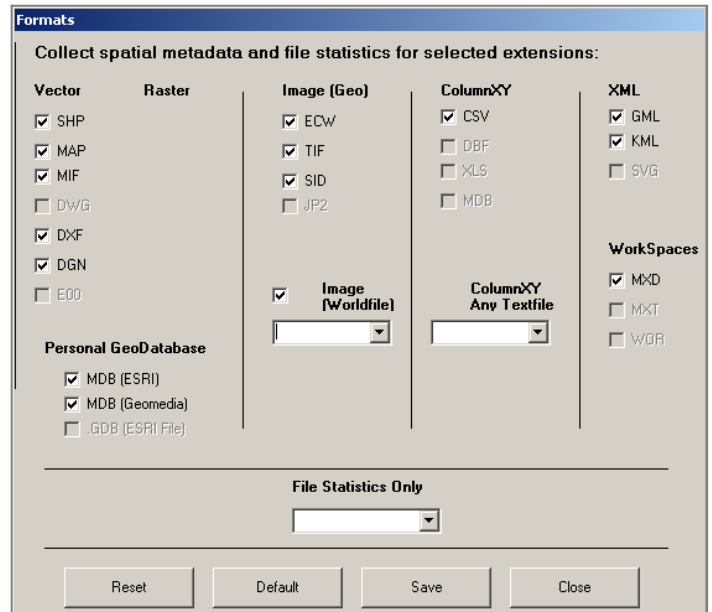
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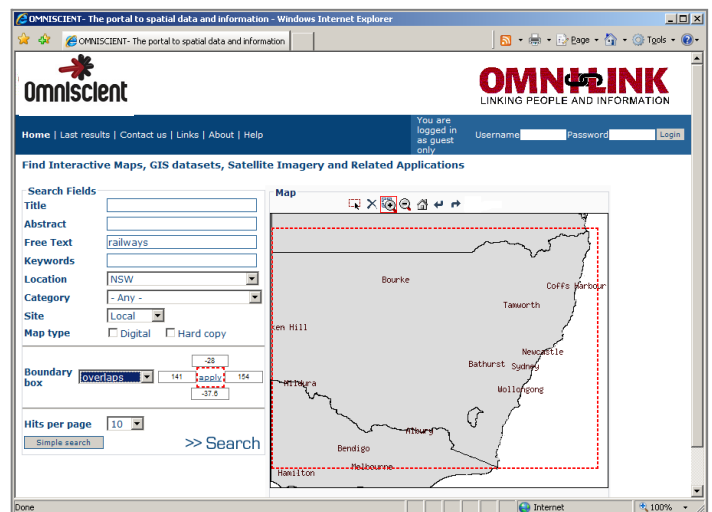
Features and Benefits

- Allows for formation of your corporate spatial information "identity" – what is this data, where is it and how should I use it. This is provided for by the digital finger printing aspects of the Harvester software.
- Results in an organisation using data to its full potential for maximum ROI, allowing for competitive advantage and efficient use of spatial data investments as a corporate resource.
- Due diligence approach – being prepared for the "we need your data / what do you have" question. This is good e-government practice.
- Allows organisations to have metadata deliverables that are readily understood and integrated into their business systems. Also important for the exchange of data to others.
- Ability to integrate as a web viewer into corporate GIS environments for maximum accessibility.
- Metadata is not bound up in GIS vendor technology application that users require to have loaded and who may need specific training. Key formats include: all major GIS products, spatial databases, CAD files and image formats. More formats added regularly.
- No client side licensing required - all you need is a web browser! Results in the whole enterprise being able to explore metadata without the boundary of a specific licence and hence cost.

Omniscient is a commercially available product, available now for implementation. The full suite has been successfully implemented at the New Zealand Transport Agency (NZTA). OMNILINK recognises their input as the foundation client for Omniscient.



Filename	Format	Projection	FeatureCount	FeatureGeometry	FeatureName	Comment	Duplicate_ID
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\\prod\gisdata\mdb...	mdb	GDA_1994_Tra...	118	Polygon	sales_polygon		
\\prod\gisdata\dwg...	dgn	Unknown	4597	PointPolyLineMultilinestr...	samp15		
\\prod\gisdata\dwg...	dgn	Unknown	819	PointPolyLinePolygon	samp27		
\\prod\gisdata\dwg...	dgn	Unknown	1060	PointPolyLine	samp4		
\\prod\gisdata\dwg...	dgn	Unknown	2202	PolyLinePolygonPointMul...	samp7	[WARNING: exte...	
\\prod\gisdata\mdb...	mdb	Unknown	4	Point	age_control...		
\\prod\gisdata\mdb...	mdb	Unknown	4	PolyLine	carg_tst_arc		
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\\prod\gisdata\geo...	mdb	VICGRID_GDA94	1	Polygon	School_Prep...		



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