



# The MapInfo suite: a geosciences capability comparison

	MapInfo Pro	Premium Services	MapInfo Pro Advanced	MapInfo Discover	MapInfo Discover 3D	Discover Viewer
<b>Industry-leading GIS</b>						
<ul style="list-style-type: none"> <li>Powerful and easy to use</li> <li>Support for a multitude of 3rd-party data formats, including extensive database connectivity</li> <li>Compile datasets with ease, with smooth on-the-fly 2D reprojection</li> <li>Dynamic and intuitive map production ('WYSIWYG')</li> <li>Powerful querying and analysis</li> <li>Bing Aerial and Hybrid layers</li> </ul>	✓		✓	✓	✓	
<ul style="list-style-type: none"> <li>Bing Roads layer</li> <li>Move Map To capability</li> </ul>		✓		✓	✓	
<b>High performance grid engine</b>						
<ul style="list-style-type: none"> <li>Create single grids from massive datasets and huge numbers of files</li> <li>Break free of the boundaries! Create hotspot maps (or other forms of grids) from your data</li> <li>Lightning-fast rendering of high-resolution continental-scale datasets</li> <li>Perform elevation and terrain visualization and analysis. Slope, aspect, curvature, viewshed, visibility and more</li> <li>Take advantage of multi-spectral data. Perform analysis across bands such as Normalised Difference Water Index.</li> <li>Simplify analysis by combining datasets of different cell sizes into the same raster file.</li> <li>Analyze both numeric and classified data in the same grid</li> </ul>			✓	✓	✓	
<b>Geosciences-specific GIS capabilities</b>						
<ul style="list-style-type: none"> <li>Expansive support for exploration- and mining-industry data formats</li> <li>Leverage the full value of your data, with impressive geostatistical, temporal and graphical analytics</li> <li>Create rich geological maps, with numerous installed &amp; customisable structural, lithological and geological-style libraries</li> <li>Fast and intuitive data creation and capture via field auto-filling &amp; custom picklists</li> <li>Work smarter with a vast array of productivity tools</li> <li>Accurately incorporate aerial photography with image rectification and bulk reprojection.</li> <li>Generate hydrological catchments and stream networks from terrain models</li> </ul>				✓	✓	
<b>Drillholes</b>						
<ul style="list-style-type: none"> <li>A fast and efficient drillhole engine includes robust data validation processes</li> <li>Produce informative, detailed &amp; eye-catching cross-sections, long-sections &amp; level plans en-masse.</li> <li>Effortlessly bulk-update sections when new holes are drilled</li> <li>Enhance the value of your sections with pierce-points, high-grade composites, lithological interpretations and orebody intersections</li> <li>Easily generate high-quality multi-section hardcopy</li> </ul>				✓	✓	
<b>3D for the exploration geologist</b>						
<ul style="list-style-type: none"> <li>Rapid 3D visualisation of vector, imagery, grid and drillhole data</li> <li>On-the-fly 3D dataset reprojection</li> <li>Real-time drillhole planning including daughter/splay holes</li> <li>Seamless drillhole section intergration: share voxel models, lithological and alteration interpretations, orebody volumes...</li> <li>Quickly create models and evaluate trends with wireframe and block/voxel modelling</li> <li>Bring your projects to life with dynamic fly-through movies and 3D TV support</li> </ul>					✓	✓
<b>Share your 3D models with all stakeholders and clients</b>						
<ul style="list-style-type: none"> <li>Navigate, control and interact with complete MapInfo Discover 3D and Discover PA sessions</li> <li>Free and lightweight (60MB): no other software or licensing required</li> </ul>						✓
						✓