

Map Intelligence Server

Coordinate Systems

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MAPXTREME COORDINATE SYSTEMS

MAPINFO MAPXTREME COORDINATE SYSTEMS FORMAT

When entering coordinate systems for MapXtreme into the text box under the **Point Properties** section, use the code number prefixed by “EPSG:”. For example, the geographic coordinate system WGS84 would be entered as “EPSG:4326”

To find the actual coordinate systems handled by your version of MapXtreme, consult the manual for that product.

ADDING COORDINATE SYSTEMS

If there is an EPSG coordinate system supported by MapXtreme and it is not supported by the GeoTools library that Map Intelligence uses for its internal operations then you will need to add it to the `epsg.properties` file as discussed in the IGP COORDINATE SYSTEMS section below. An example of such a coordinate system is the EPSG:3857 CRS (note that this is already included with the distribution).

NOTE: If you intend to use the EPSG:3857 coordinate system with MapXtreme (for example to use the Google Maps plug-in) then you will need to ensure that you are using the MapXtreme 4.8.2 distribution with patch 4.8.2.6 or above, or a later distribution of MapXtreme. The patch must be installed before Map Intelligence is installed or you will have to copy the newly installed patched jar files across to the Map Intelligence WEB-INF\lib directory. The server installation manual describes the jar files needed by Map Intelligence in an appendix.

SPECTRUM SPATIAL COORDINATE SYSTEMS

When entering coordinate systems for Spectrum Spatial into the text box under the **Point Properties** section, use the code number prefixed by “EPSG:”. For example, the geographic coordinate system WGS84 would be entered as “EPSG:4326”

When using a tiled map service like Google Maps the map file , save the Spectrum map as EPSG 3857 or EPSG:900913 for correct alignment.