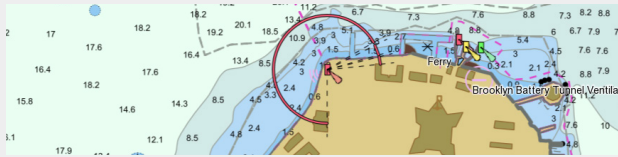


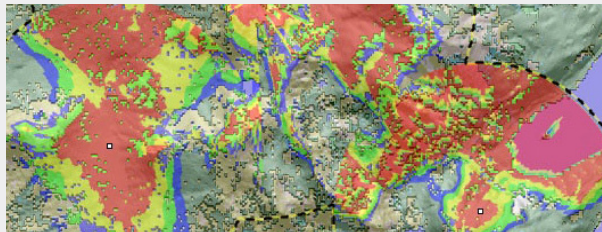
NAUTICAL CHART EXTENSION

- Extension for using Nautical Charts according to the IHO S-57, S-63 and S-52 standards.
- Reads and portrays both ENC and NATO AML data.



VISIBILITY ANALYSIS EXTENSION

- Extension for performing high performance visibility calculations in both 2D maps and 3D city environments.
- Extremely rapid – designed to be computed on-the-fly for moving objects.
- Also provides high-performance calculation of intravisibility between multiple moving objects, useful for target tracking.

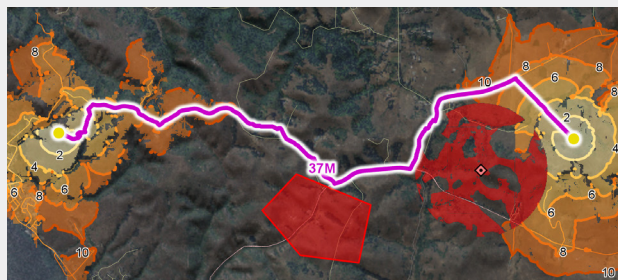


MILITARY GEODATA FORMATS EXTENSION

- Adds functionality for reading military geographic data in CMRG (PCMap), DFAD and RPF (CADRG and CIB) formats.

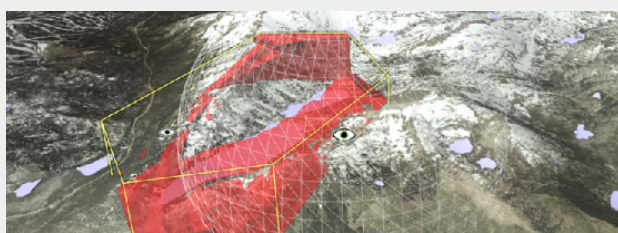
TERRAIN VEHICLE ANALYSIS EXTENSION

- Makes it possible to calculate optimal off-road routes for terrain vehicles based on ground conditions and vehicle characteristics.
- Can also calculate terrain vehicle accessibility and deployability.



AIRSPACE COVERAGE EXTENSION

- Makes it possible to analyse how well a number of different sensors cover a specific airspace of interest.



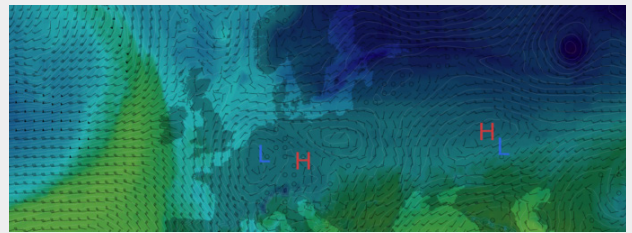
AERONAUTICAL DATA FORMATS EXTENSION

- Reads aeronautical navigation database files on the ARINC SPECIFICATION 424-16, 424-17 and 424-18 formats as well as on the AIXM 5.1 and 5.1.1 formats.



METEOROLOGICAL EXTENSION

- Extension for reading and visualizing weather forecasts in the GRIB1 and GRIB2 formats.



HEATMAP EXTENSION

- Adds functionality for dynamically generating point density rasters which can be visualised as heatmaps.

C-MAP CM93 EXTENSION ^{1,2}

- Adds support for reading C-MAP CM93 nautical charts and visualising them according to the IHO S-52 standard.

DWG AND DXF EXTENSION ²

- Extension for reading CAD databases in DWG and DXF, the AutoCad file formats.

SPATIAL DATABASE EXTENSIONS ²

- Extensions for reading geospatial data from different kinds of database systems:
- Microsoft SQL Server Extension
- MySQL Extension
- Oracle Spatial Extension
- PostgreSQL/PostGIS Extension

PLOT EXTENSION

- Extension for efficient rendering of radar plots and other extremely dynamic information.
- Easily handles millions of continuously updating plots.
- For more information refer to the separate Carmenta Engine Radar Extensions product sheet.



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