

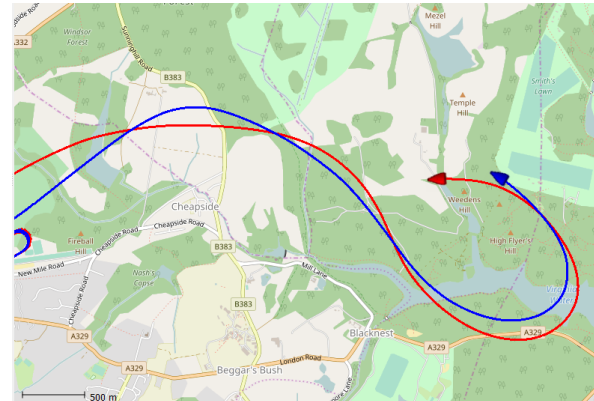
iXCOM-CMD: MVT-App

MultiVehicleTracking & Moving Map

App for iNAT / iSULONA / iPRENA / iCOMBANA / iATTHEMO / iTraceRT-MVT Systems

iMAR is a well-known manufacturer of reliable navigation and control systems, based inter alia on our advanced INS/GNSS technology. iXCOM-CMD is the command, visualization and system configuration software, which is provided for

applications (naval and land vehicles) as well as a mix of sea, land and air vehicles.



operation of all navigation and control systems of iMAR's iNAT family. It is available for MS WINDOWS™ as well as for LINUX.

iMAR also provides a powerful multi-frequency Dynamic Mesh Communication Network iDMN, which allows a redundant, robust vehicle-to-vehicle and vehicle-to-base communication for motion data as well as for video data.

With the Multi Vehicle Tracking (MVT) application (App), a solution under iXCOM-CMD is provided to process simultaneous data from several vehicles and to visualize them in real-time, together on a map or on a radar-like view.

Last but not least, the iXCOM-CMD MVT App also supports a "Playback" mode – this means that the data being acquired in real-time (e.g. during a training flight or training drive) can be displayed after the mission within the same software or even in a mixed mode, while other vehicles are operating online, e.g. for training purposes, underlying stored data.

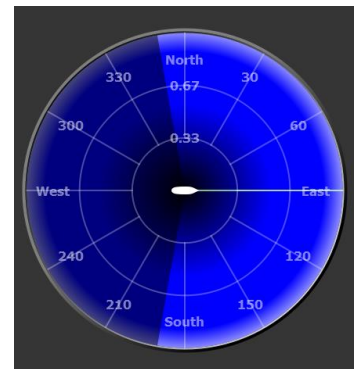
- easy to use multi-vehicle tracking visualization on maps or radar screens
- supports theoretically unlimited number of vehicles(>> 20)
- supports iMAR's dynamic mesh network for robust multi-frequency vehicle-to-vehicle and vehicle-to-base communication
- iXCOM-CMD GUI available for MS Windows and LINUX

For ergonomic visualization, the display mode can be chosen, representing a "moving map" or a static map, north-aligned or heading aligned.

The architecture of the software allows us to integrate also user specific features on request.



Additionally, the distances between the chosen master vehicle and all slave vehicles as well as velocity and heading of all vehicles are shown, in real-time. These features also allow the application



in formation flight training or the control of a swarm of multiple vehicles in real-time, in surface

Please refer to the datasheets for iXCOM-CMD, iNAT-M200 and iNAT-FSSG. See also iSWACO-ARGUS for automotive testing on proving grounds incl. iDMN Dynamic Mesh Network and iTraceRT-MVT.

