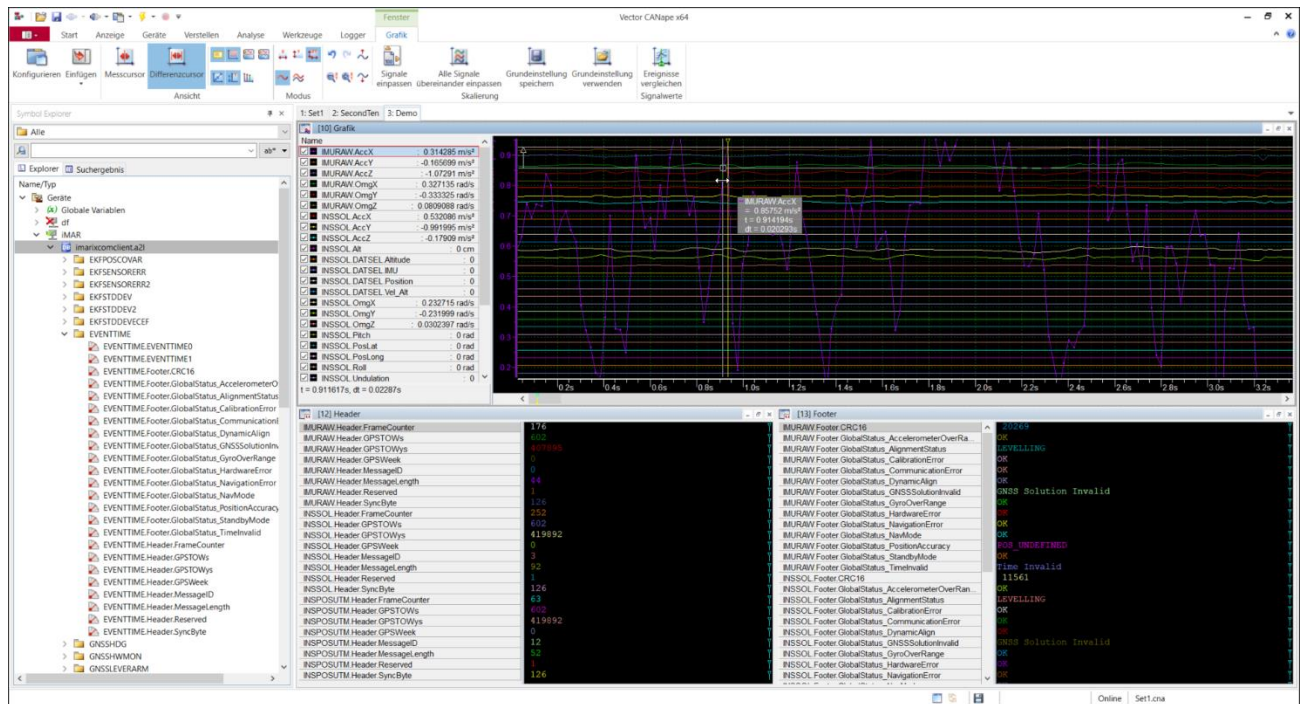


iMAR's iXCOM Protocol now available with Vector's CANape

ST. INGBERT / STUTTGART, JANUARY 2021: iMAR Navigation GmbH (St. Ingbert) and Vector Informatik GmbH (Stuttgart) announce the release of the integration and support of iMAR's iXCOM protocol by the data acquisition and management software CANape from Vector.



CANape with iXCOM protocol Plug-in during measurement data acquisition and Value interpretation

With the iXCOM protocol, iMAR provides a powerful data and command protocol for all INS/GNSS inertial measurement systems of the types [iNAT](#) / [iTraceRT-MVT](#) / [iSULONA](#) / [iCOMBANA](#) / [iPRENA](#), which are used in many automotive, industrial and surveying applications all around the globe. When it comes to automotive testing applications, the iXCOM protocol provides the foundation for a powerful communication between INS/GNSS systems and third-party devices, such as ECUs or data acquisition systems and also between several vehicles in [scenario-based testing applications](#) with numerous participants.



A common way to connect to iMAR's systems is to implement the iXCOM protocol on their dedicated hardware to process the measurement data properly. Although this process can be simplified using iMAR's SDK or [Python-based libraries](#), Vector and iMAR Navigation GmbH now supply a convenient way to further reduce implementation effort at user's site by providing an iXCOM Plug-in in the measurement and calibration software **CANape** developed by Vector, enabling the user a quick access to all of iMAR's iXCOM based navigation devices inside the CANape working environment.

This new feature inside **CANape** does not only save time and effort, it also provides full access to all significant signals, while a background thread assures protocol conformity between Plug-in and GNSS/INS system.



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As a worldwide operating leader in inertial navigation, stabilization, guidance and surveying technology, iMAR Navigation develops innovative solutions for production well as for testing systems. Beside of the common solutions for navigation, surveying and stabilization in aviation, train systems, marine applications, sovereign applications etc., in the area of road vehicle motion testing iMAR provides most advanced solutions for testing manned and unmanned vehicles on proving grounds and public roads for the world of today and tomorrow for more than 25 years, to make road traffic safer.



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For more than 30 years, Vector has been your capable partner in the development of automotive electronics. More than 3,000 employees at 31 locations worldwide support manufacturers and suppliers of the automotive industry and related industries with a professional platform of tools, software components and services for developing embedded systems. Driven by our passion for technology we develop solutions which relieve engineers of their demanding tasks. Not only do our employees work on tomorrow's electronic technologies every single day. We also engage variously in education, research and social responsibility.

Further information at:

<https://www.imar-navigation.de>

<https://www.imar-navigation.de/en/products/by-product-names/item/iswaco-argus-proving-ground-infrastructure-for-testing-vehicles-up-to-sae-level-5>

<https://www.vector.com/int/en/products/products-a-z/software/canape/>