

Everyone at TriaGnoSys sends you Season's Greetings and wishes you a Happy New Year



If you would like more information about any of the articles in this newsletter, please either contact the relevant person whose details are at the end of each article, or call me on + 49 (0) 81 53 88 67 80. Axel Jahn

Where's my train?

TriaGnoSys is part of a consortium, led by Thales, which is developing a solution to use the GALILEO global satellite navigation system to provide an independent tracking system for wagons, locomotives and block trains.



It is increasingly important for train operators to have access to real-time information about their rolling-stock, and for that information to be independent of the infrastructure operator. The project, called GaWaloc, will start in January.

For more information, contact Axel Jahn on axel.jahn@triagnosys.com

Broadband: coming to a remote area a long way from you

BRASIL, the project that is working to bring broadband to rural South America using DVB via return channel satellite, will undergo testing in the town of Tabatinga, which sits in the remote border region where Brazil, Colombia and Peru meet. The aim of the project is to bring cost-efficient broadband to millions of business and households across rural areas.

For more information, contact Axel Jahn on axel.jahn@triagnosys.com

Find out more about TriaGnoSys

Go to <http://www.triagnosys.com/> to register for the TriaGnoSys RSS feed.



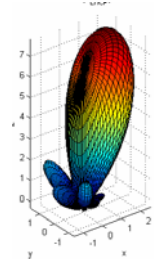
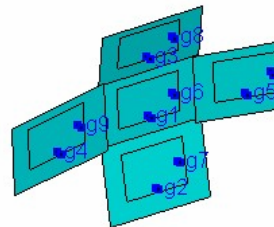
TriaGnoSys in academia

Dr Axel Jahn has been appointed to the Advisory Board of SpaceTech, a space systems post-graduate degree programme at the University of Delft. Axel is also on the teaching staff, covering the subject of satellite communications

For more information, contact Axel Jahn on axel.jahn@triagnosys.com

CORPA – for things that move

Cost-Optimised High Performance Active Receive Phase Array Antenna For Mobile Terminals, better (and more simply) known as CORPA, is an EU-funded research programme that TriaGnoSys has been integrally involved in. The objective of the project was to design satellite antennas for vehicles. There were two principle areas of work. The first was to design conformal antennas, which can be adapted to fit the shape of any mounting surface, for example to fit inside the roof cavity in a car, on top of an aircraft, or in a ship. The second was to design beamfinding algorithms for antennas for vehicles that move in an unpredictable way, and that don't always maintain line-of-sight with the satellite.



The project is now complete and the resulting product is ready for commercialisation.

For more information, contact Oliver Lücke on oliver.luecke@triagnosys.com

Date for your diary: communicating in emergencies

In March, the WISECOM consortium will demonstrate its satellite-based communications solution for use in emergencies. The equipment, which can be carried in a rucksack, will be put through its paces in a simulated emergency scenario. The solution uses satellite communications to establish a GSM/GPRS network, and to provide an information management tool to make medical treatment significantly more efficient and effective.

For more information, contact Markus Werner on Markus.Werner@triagnosys.com

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Congratulations to Air France on being the first airline in Europe to provide passengers with inflight mobile phone services. The service, using TriaGnoSys satellite communications software, started flying on Monday 17th December.