

Date: December 14, 2012

Press Release

FOR IMMEDIATE RELEASE

Nomor Research announces participation in collaborative research project ABSOLUTE - Aerial Base Stations with Opportunistic Links for Unexpected & Temporary Events

Munich, Germany, December 14, 2012 - Nomor Research GmbH, a leading company in the research and development of future and emerging communication systems, is pleased to announce its participation in the ABSOLUTE project. The EU funded project aims to develop Aerial Base Stations with Opportunistic Links for Unexpected & Temporary Events.

ABSOLUTE is a highly ambitious and unique effort, investigating and validating a novel heterogeneous network architecture combining aerial, terrestrial and satellite communications links. It provides rapidly deployable, resilient and flexible mobile networks, comprising innovative components, advanced functionalities for broadband applications during large-scale emergency recovery or temporary events. The operational phase of the ABSOLUTE project was formally launched October 1st 2012 and will have a runtime of 36 months.

ABSOLUTE objectives will be achieved through the opportunistic combination of aerial, terrestrial and satellite communication links with the aim to maximize network availability and to allow a rapid and incremental network deployment. The ABSOLUTE architecture is based on the following elements:

- Low altitude Aerial LTE-A Base Stations, embedded in Low Altitude Platforms providing high data rates and coverage over large areas,
- Portable Land Mobile LTE-A Base Stations interoperable with conventional PPDR systems (TETRA base stations) and sensor networks (sensor gateways), enabling dedicated coverage and broadband satellite backhauling capabilities in Ka-Band,
- Advanced multimode LTE-A Professional terminals (multimode-user equipments) enabling direct mode LTE communications (LTE D2D) and direct messaging services

ABSOLUTE gathers major actors from the industry, as well as academic partners, SMEs, regulars and end users originating from Australia, France, Germany, Italy, Romania, Slovenia and the United Kingdom. The project is lead by Thales Communications & Security (FR) and involves 17 partners: France Telecom (FR), TriaGnoSys (DE), Deutsches Zentrum Für Luft Und Raumfahrt (DE), Create-Net (IT), University Of York (UK), Fraunhofer Heinrich Hertz Institute (DE), Eutelsat (FR), Universitaet Duisburg-Essen (DE), Allsopp Helikites (UK), Advanten (FR), Mira Telecom (ROM), BAPCO (UK), Agence nationale des fréquences (FR), RMIT University (AUS), Jozef Stefan Institute (SLO) and Nomor Research (DE).

For more information, go to <http://www.absolute-project.eu/>

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About Nomor Research GmbH

Nomor Research, based in Munich, Germany, is a leading company in the research and development of future and emerging communication systems, offering related consultancy services and products. Nomor is renowned for its system level simulation services in the area of advanced radio resource management (RRM) and self-organizing networks (SON). Nomor also offers an LTE eNB protocol stack implementation including LTE software modules and related design.

Via sustained research and consulting projects with strategic partners we develop and implement leading edge technologies and future standards such as HSPA+, LTE, LTE-Advanced, DASH or MBMS. Our partners and customers benefit from our capabilities in system design, simulation, and rapid prototyping which are continuously expanded in ongoing research projects. Nomor also provides services in the area of technology training, standardisation support and patent evaluation.

For more information, go to <http://www.nomor.de>