

February 09, 2005

## **TriaGnoSys faces mobile DVB-S2 and RCS issues in the EU project MOWGLY**

Weßling – TriaGnoSys is cooperating for the European Research and Development project MOWGLY, which groups an international consortium of 16 partners under the lead of Alcatel. The objective of MOWGLY (MOBile Wideband GLobal Link sYstem) aims at studying the implementation of new appropriate standards for the provision of broadband access to users of aircraft, trains and ships.

Existing mobile satellite communications systems offer only narrowband services or use proprietary solutions. The new DVB-S2/DVB-RCS standard bears the potential for an efficient open approach for broadband access; however the effects of mobility have not yet been properly addressed.

MOWGLY will investigate innovative solutions for satellite terminals in mobile environments, such as advanced medium access control for a crowd of passengers using the collective terminals with Quality of Service control and networking technologies. Gathering leading actors of transportation and telecommunication industry as well as SMEs and Universities, the MOWGLY consortium will leverage up this challenge.

MOWGLY will implement trials on aircraft, trains and ships and validate both critical services and functions of satellite access system achieving a highest possible degree of re-use of existing or planned fixed broadband satellite access infrastructure. MOWGLY is targeting typical satellite markets by addressing large-scale of collective mobile environments.

Over its planned 24-month duration, MOWGLY will focus on business case analysis, engineering studies and performance evaluation. Trials on a prototype communication chain will allow validation of the technological development, assessment of the services offered to potential customers and the definition of a business model.

### About MOWGLY

Launched on 1 January 2005, MOWGLY is an Integrated Project of the “Aeronautics and Space” thematic priority of the 6th Framework Program (FP6), under the “End-to-end satellite telecommunications systems for mobility applications” topic. This 2-year project is valued at EURO 12.6 million, of which EURO 6.7 million is funded by the European Commission.

15 partners from industry and academia are involved in the project: Airbus, Alcatel, Alstom, Broadreach Networks, Eutelsat, Ineco, M.B.I., Orbit, Rockwell Collins, TeS, TriaGnoSys, University of Surrey and Video&Suono,...

For further information contact:

TriaGnoSys GmbH  
Argelsrieder Feld 22  
D-82234 Weßling, Germany  
+49 (0) 8153 88678-0  
[info@triagnosys.com](mailto:info@triagnosys.com)

SYS

GNO

TRIA