

**THE MINISTRY OF TRANSPORT AND COMMUNICATIONS IN COOPERATION WITH
THE FRENCH EMBASSY ORGANISE
DEMO-DAYS OF SPACE APPLICATIONS**

“SATCOMS AND NAVIGATION AT THE SERVICE OF THE CITIZEN”

29-30 January 2008

COOPERATION PROPOSAL FORM

The key aspect of the event will be to serve as ‘practical first step’ in the initiation of cooperation between French and Greek Companies and Users.

The event is expected to be a **‘partner and expertise shopping’** exercise, where industry and users will seek partners with adequate skills for e.g. the development, the testing, the qualification, or the commercialisation of an application, or even the participation in the response to an ITT of e.g. ESA or EC.

Taking into account ongoing calls for proposals and ITT’s by EC, ESA and National authorities, and in order to prepare and facilitate the contacts, the interested participants in the **‘partner and expertise shopping’** forum are expected to fill in the **‘Cooperation Request Form’** attached below.

The form will include information on the expected type of cooperation, in view of a specific project, or a response to a call for tender etc.

It is important to indicate in the form the type of partner and expertise sought, e.g. a user, a subcontractor, a prime, local management or manpower support, expertise in hardware installation or operation, software expertise, etc.

Ideally, a Work Package form, as in the example attached herewith, should be filled-in, listing in summary the tasks to be undertaken by the partner.

The completed ‘Cooperation Request Forms’, and the corresponding Work Packages if applicable, will be printed together with the participants list and will be distributed during the first day of the workshop.

Please fill-in the attached ‘Cooperation Request Form’, and the corresponding Work Packages if applicable, and send it electronically to the organisers at satforum08@republic-coms.gr before the 23rd January 2008.

“SATCOMS AND NAVIGATION AT THE SERVICE OF THE CITIZEN”

Cooperation Proposal Form

Company/Entity NAME: Intracom Telecom Solutions		
DETAILS		
Address: 19.7km Markopoulou Avenue, Peania, 19002 Greece		
Tel.: +30-210-6674436		
E-mail: krukowa@intracom.gr , nioa@intranet.gr and sdei@intracom.gr		
Company www address: http://www.intracom-telecom.gr		
Contact person: Artur Krukowski , Nicolaos Ioannidis and Serafeim Derimentzoglou		
TYPE OF ENTITY (Please tick the relevant boxes)		
User	Industry <input checked="" type="checkbox"/>	Government

INTEREST IN: (Please overtype the example text given below)				
Program	Subject/ Title (SPACE, SECURITY, GALILEO)	Call reference	Deadline for proposal	Type of Partner needed (please underline as applicable)
Proposal FP7	Galileo-2007-1.1-01 Galileo-2007-1.1-02	FP7-Galileo- 2007-GSA-1	29/02/2008	User <u>Expert (GNSS)</u> Prime Sub-contractor
Proposal ESA [1]	LBS in telemedicine and mobile multimedia content provision	Integrated Application Promotion (IAP) Programme	To be announced	User <u>Expert (GNSS)</u> Prime Sub-contractor
National Call [2]	-	-	-	User Expert Prime Sub-contractor
Other type of Cooperation [3]	-	-	-	User Expert Prime Sub-contractor
[1] Please indicate for which program (e.g. ARTES 1, 3, 4) and indicate EMITS reference as applicable.				
[2] Please indicate interest for a specific national call in GR or FR e.g. in the area of Transport, Telecoms, Defense etc.				
[3] Please define type and provide details: it may be in the frame of other, existing cooperation schemes, PPP, etc.				

PROPOSED COOPERATION	Option 1:
Purpose: Evaluation of technologies for possible integration into existing and future R&D and commercial projects.	
Objectives: To demonstrate the viability for a hybrid EGNOS/Galileo receiver and a potential of the EGNOS and Galileo for navigation in urban environments to within 2m allowing more accurate route guidance for both vehicles (allowing lane discrimination and travelling through tunnels) and pedestrians (discrimination between multiple entries and narrow paths). Integration of the RTCM messages transmitted over the internet for differential-GPS positioning would also be evaluated. The target would be to achieve such accuracy with availability higher than 98% and reliability at more than 95%. This would be demonstrated through a set of demonstrations to target user groups, including police (e.g. ACPO in Brighton, UK), fire-brigades (e.g. AMA in Rome, Italy), and taxi communities (e.g. EDMC in Athens, Greece). This project would be a follow up of the FP6 "LIAISON" project involving same user communities. The use of EGNOS and Galileo in mobile telemedicine and assistance services to elderly, disabled and/or children would also be evaluated.	
Outcomes: Installing an EGNOS/Galileo receiver on a PDA (e.g. HTC3300/3600) of an Ultra Portable PC (e.g. Itronix Duo-Touch, Samsung Q1 or similar) running parts of the LIAISON platform and test/demonstration applications.	
Duration: 3 months study / 4 months integration / 3 months demonstrations / 2 months evaluation of results.	
REQUESTED PARTNER (Describe Partners Characteristics, as in the examples below):	
<u>EGNOS/Galileo hardware contribution:</u> <u>Timeframe:</u> 4months (development) and 3months (demonstrations) <u>Support manpower:</u> 1-2 man-months expected	
PROPOSED COOPERATION	Option 2:
Purpose: Development of complementary assistance technologies allowing improving accuracy of positioning in dense urban environments using 3D information about city infrastructures.	
Objectives: To demonstrate the viability and develop technologies for the compensation of interferences and multi-path distortions causing false positives in determining positioning in dense urban environments. The work would be based on the results of the promising initial theoretical studies.	
Outcomes: Installing an EGNOS/Galileo receiver on a PDA (e.g. HTC3300/3600) of an Ultra Portable PC (e.g. Itronix Duo-Touch, Samsung Q1 or similar) running test/demonstration applications.	
Duration: 4 months study / 6 months development / 2 months evaluation and testing	
REQUESTED PARTNER (Describe Partners Characteristics, as in the examples below):	
<ul style="list-style-type: none"> • Provider of the 3D city landscape data (timeframe: whole project duration) • Provider of the EGNOS development hardware (timeframe: 8 months) 	

PROPOSED COOPERATION	Option 3:
<p>Purpose: Integration and technical validation of the use of EGNOS positioning within the Augmented Reality based cultural heritage platform developed by Intracom in cooperation with Fraunhofer IGD, ZGDV, CCG, A&C, Post Reality S. A. and supported by the Hellenic Ministry of Culture.</p>	
<p>Objectives: To demonstrate the advantages of using EGNOS positioning assistance for achieving improved matching between real-life images of the archeological sites with overlaid generated images of the ancient landmarks. The comparison to existing hybrid GPS-wireless positioning approaches will be performed.</p>	
<p>Outcomes: Installing an EGNOS/Galileo receiver on a PDA (e.g. HTC3300/3600) of an Ultra Portable PC (e.g. Itronix Duo-Touch, Samsung Q1 or similar) for running the client applications of the ArcheoGuide platform.</p>	
<p>Duration: 3 months study / 6 months development / 2 months evaluation and testing</p>	
<p>REQUESTED PARTNER (Describe Partners Characteristics, as in the examples below):</p>	
<ul style="list-style-type: none"> • Provider of EGNOS development hardware (timeframe: 8 months) 	