



ARTES Applications Workshop

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Alhabus & Alphasat Programme Alphasat Applications Initiative

Stéphane Lascar

Large Platform Programme Manager

European Space Agency

Alphasat – A successful Public-Private Partnership with Inmarsat



- ALPHASAT the largest European built communication satellite uses the new high-power ALPHABUS platform
- It carries an advanced Inmarsat L-Band geomobile SatCom payload and four ESA Technology Demonstration Payloads
- Planned for launch at the end of 2012 on Ariane 5

Alphabus Service Module during successful mating with the Alphasat Communications Module in Toulouse



The Alphasat ground & user segment and applications programme



- The Programme aims at the exploitation of the Alphasat satellite enhanced performances, developing new value added services to mobile institutional and public users on a pan-European scale
- ESA supports the development of the Alphasat ground infrastructure and user segment (terminals) and applications in partnership with Inmarsat



The Alphasat applications initiative

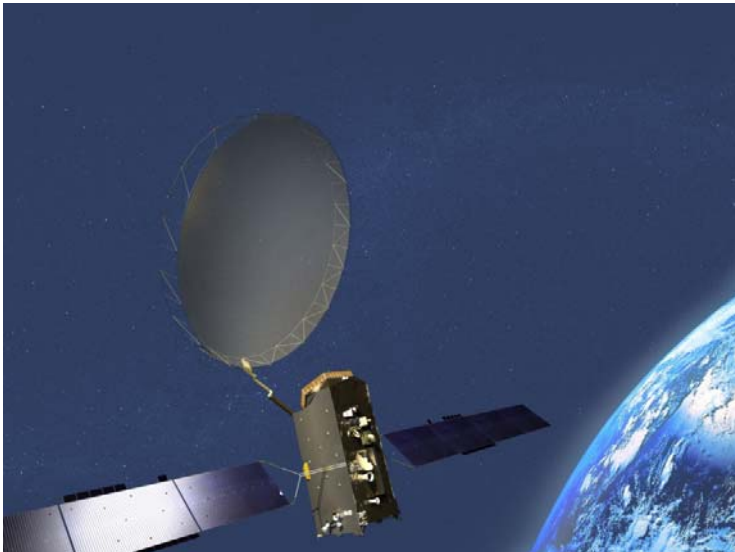


- The objective of the Alphasat Applications initiative is to design, develop, implement and validate through pilot utilisation new applications covering the following key areas:
 - Involvement of end users
 - Pilot trials representing the end user environment



Scope

- Applications or integrated end-to-end systems bringing innovative solutions to Alphasat users
- Applications may be deployed globally on Inmarsat 4 satellites
- Applications shall be based on BGAN (Broadband Global Area Network) or GSPS (Global Satellite Phone Service) existing services, or the new services under development (e.g. safety services)



Strong interest in the development of wide-reaching applications addressing institutional and public users, humanitarian purposes or safety of life

Alphasat Applications Call For Proposals



- Open competitive Call For Proposals launched 31st March with closing date 26th May
 - EMITS address: <http://emits.esa.int> (ref: AO6651)
- It addresses industrial consortia involving Application developers or Integrators + Service Providers and/or Distribution Partners + End Users
- Available to Industry located in ESA countries participating in the Alphasat Ground and User Segment and Applications programme, i.e. ARTES 8 sub-element 4 (Canada, Denmark, Finland, Ireland, Norway and UK)
 - For companies located in other ESA countries, please contact your National Delegation and/or ESA representatives
- Maximum individual project cost 1 MEURO with up to 50% funded by ESA





For further information

Juan Rivera

European Space Agency

Juan.Rivera.Castro@esa.int

Tel: +31 71 565 3397

Andreas Mauroschat

European Space Agency

Andreas.Mauroschat@esa.int

Tel: +33 5 61 27 47 86

Stéphane Lascar

European Space Agency

Stephane.Lascar@esa.int

Tel: +31 71 565 5161

European Space Agency



Thank you for your attention