

*Airbone New and Advanced Satellite techniques and technologies
in A System Integrated Approach*

ANASTASIA Skysoft Portugal

**16th of June 2005
Saint Cloud**

ANASTASIA Kick Off Meeting Skysoft Portugal



- **Nationality, location:**
 - Portugal, office in Lisbon

- **Type of entity :** SME

- **Field of activities:**

In 2004 the space activity represented approximately one third of Skysoft's business volume, and since first working with ESA and EUMETSAT in the late 90's, the company has developed a reputable capability in the following areas:

- Ground Data Processing Software
- Navigation Receiver and Signal Analysis Tools
- Satellite Communication Networks

- **Involvement in other relevant European projects:**

- GIFT – GBAS model behaviour implementation (EUROCAE MOPS ED-114)
- HIDOORS – development of a Kalman filter for a RTOS
(JAVA based and IMA concept in a object oriented perspective)

- **Complementary information:**

- Software provider of TST tools for TUS (GalileoSat)



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■ **Involvement in ANASTASIA :**

- **Contribution to the following WPs:**
 - ◆ **WP3.2.1 – Interference multipath mitigation study**
 - ◆ **WP3.3.2 – Receiver Design**
 - ◆ **WP3.3.3 – MEMS System Design**
 - ◆ **WP3.4.2 – Receiver Development**
 - ◆ **WP3.4.3 – MEMS System Development**

■ **Expectations from ANASTASIA :**

- **Skysoft aims to use the know-how acquired in ANASTASIA to:**
 - ◆ **progress on the value chain of navigation user receivers by adding experience**
 - ◆ **gain more insight over the control and management of terminal receivers.**
- **Exploitation of Skysoft's background on signal processing:**
 - ◆ **analysis of interference and multipath phenomena**
 - ◆ **integration with inertial systems, signal corrections and finally data fusion.**

■ **People attending the meeting:**

- **Afonso Nunes (Project Manager)**
- **Catarina Almeida (Technical Manager)**