Major Projects and Customers

**Rosetta**
Comet probing scientific mission
- Saab Ericsson Space
- Officine Galileo
- Captec

**XMM / Integral**
- EADS Astrium
- Laben Space
- Officine Galileo
- Logica CMG
- Data Spazio

**Envisat, Eumetsat, Meteosat, Metop**
Weather and global earth observation satellites
- EADS Astrium

**Cassini / Huygens**
Mission ending at Saturn’s moon Titan
- Logica CMG
- Laben Space

**ISS - Columbus and ERA**
International Space Station equipment
- Atos- Origin
- Alenia Spazio

**Galileo**
European GPS alternative
- Critical Software
- Indra Espacio
- Thales Space
- SciSys
- Skysoft

**EGNOS**
European GPS/GLONASS overlay system
- GTD
- Thales Avionics
- Logica CMG
- Telespazio
- Frequentis
- Austrian Aerospace
- GMV
- Indra Espacio
- Laben Space

**Herschel / Planck**
European scientific research missions
- Space Systems Finland
- Terma
- Captec
- LPSC (CNES)
- EADS Astrium
- Saab Ericsson Space

**ADM - Aeolus / SMOS**
Atmospheric Dynamics Mission and Soil Moisture and Ocean Salinity projects
- SciSys

**Skynet 5**
UK military comms satellite system
- EADS Astrium

**GalileoSat**
Satellite Navigation System
- SciSys
- Vega Group
In the fields of ground and on-board space equipment where safety and reliability are of paramount importance, the dominant standards are:

- **PSS-05-0 (ESA)**
  Has been the main ESA standard for 20 years

- **ECSS-E-40 (ESA)**
  Space Engineering Software
  Tailors ISO 12207 for space projects and describes the requirements for engineering space software applications

- **Galileo Software Standard (ESA)**
  Published for the Galileo project

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**Tools**

**Cantata**

Cantata dynamically proves code with automated unit and integration testing, in the most cost effective manner.

It provides a complete test development environment, built on Eclipse, and it integrates easily with developer desktop compilers and embedded target platforms.

Cantata has been successfully qualified many times in space systems projects.

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**AdaTEST 95**

AdaTEST 95 dynamically proves code with automated unit and integration testing, in the most cost effective manner.

Designed around the requirements of the Ada language, AdaTEST 95 offers high productivity and a unique set of testing, code coverage analysis and static analysis features.

AdaTEST 95 has been successfully used by customers worldwide since the 1990s in space systems projects.

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**Case Studies**

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