

Company Overview & Space Systems Unit Profile

Daniela Drimaco

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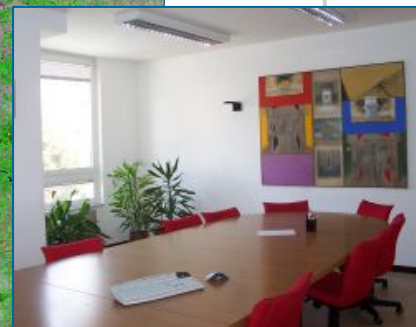
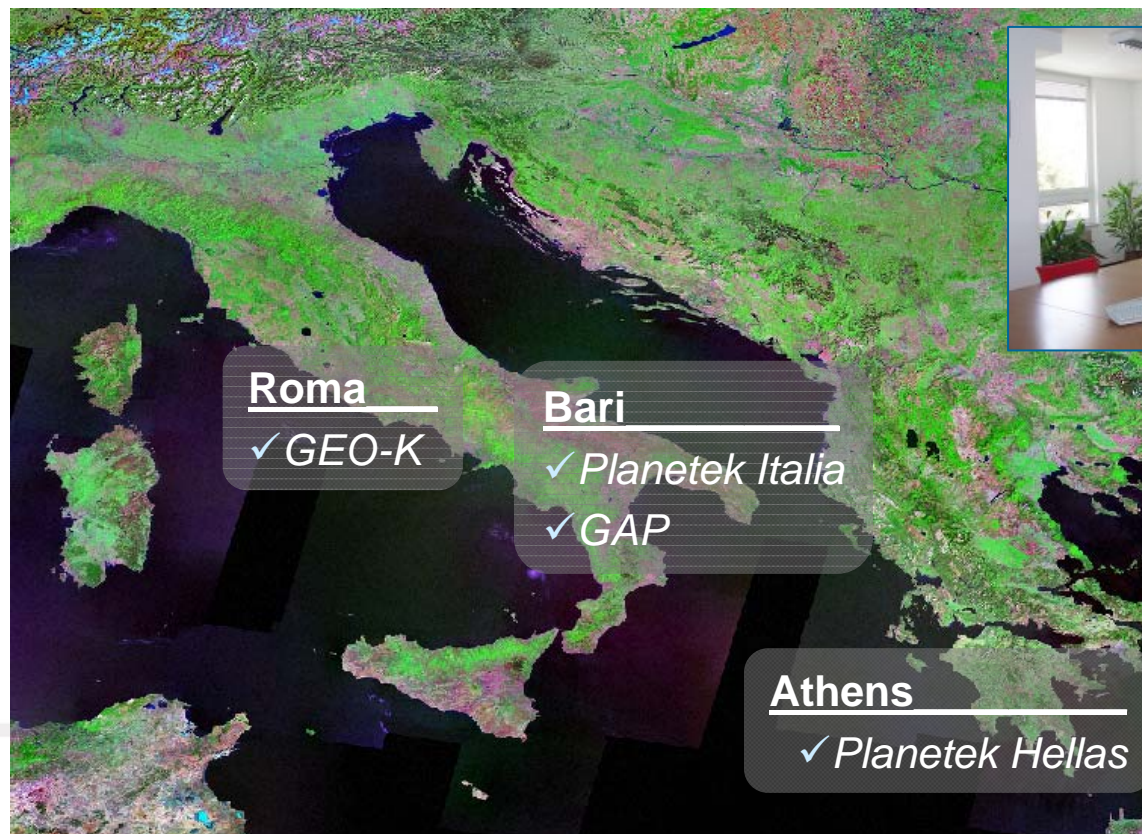
Rome, 22th June 2012

Planetek Group



Planetek Italia is one of the main Italian **Space System**
and Earth Observation value added Company.

It is classified as SME



General Business (1/2)



Four Strategic Business Units

European Institutions

- EO value added products and services for Environmental Monitoring, Urban Planning and Risks Management
- National and International Agencies

Government & Security

- Applications for Urban Planning, Civil Protection, Tourism EO services, Sea and Coastal, Agriculture and Forest monitoring
- National and International Public Administrations and Defence

Business 2 Business

- Value Added EO geo-informative services
- National and International market of Energy, Transport and Engineering companies

General Business (2/2)



Four Strategic Business Units

Space Systems

Application Fields:

- Processing and Archiving facilities
- Mission planning and performance monitoring systems
- On board processing software for the Space Segment
- Real-time systems
- Application oriented mission analysis



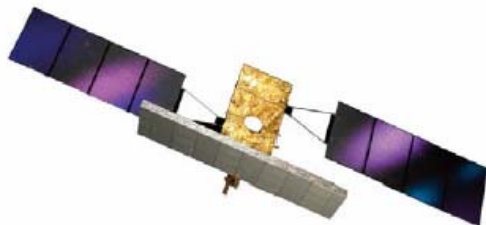
Market sectors:

- National and International Agencies (ASI, ESA, EU)
- Aerospace major players (Thales Alenia Space, EADS Astrium, Telespazio, OHB, SSTL, ecc.)

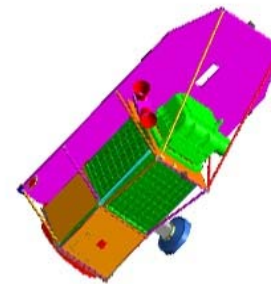
Specilized skills:

- Space and Systems engineering specialists

Mission Programs



COSMO SkyMED



PRISMA



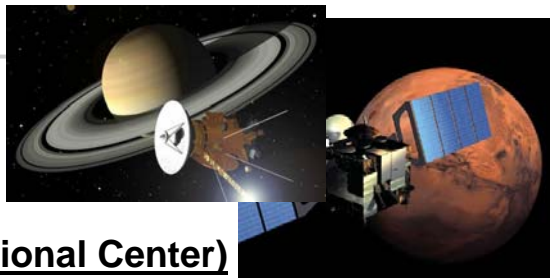
Planetary Exploration



PAGIS

(Planetary Geosciences Information System)

PAGIS is an ASI funded study that provides a reliable tool to the scientific community **to store and analyse data sets and geoscientific products** in a unique Geographical Information System environment



PROC

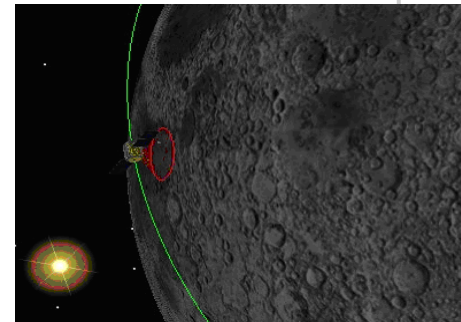
(Planetary Radar Operational Center)

Web portal for the Italian Space Agency aimed to be the **UNIQUE operative center** for the control, management, processing and distribution of **SHARAD, MARSIS and CASSINI** data via the innovative tool SpaceGIS. The Prime Contractor was Thales Alenia Space Italy

MAGIA

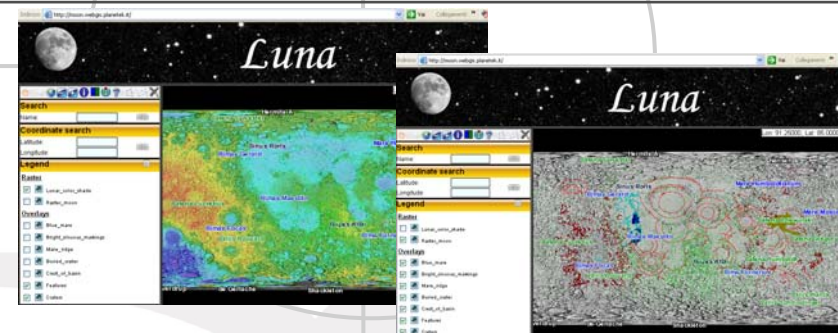
(Missione Altimetrica Gravimetrica Geochimica lunAre)

Mission study funded by ASI within “Small mission” activities and focused on the study of internal



structure and polar and subpolar regions of the Moon.

The Prime Contractor was INAF



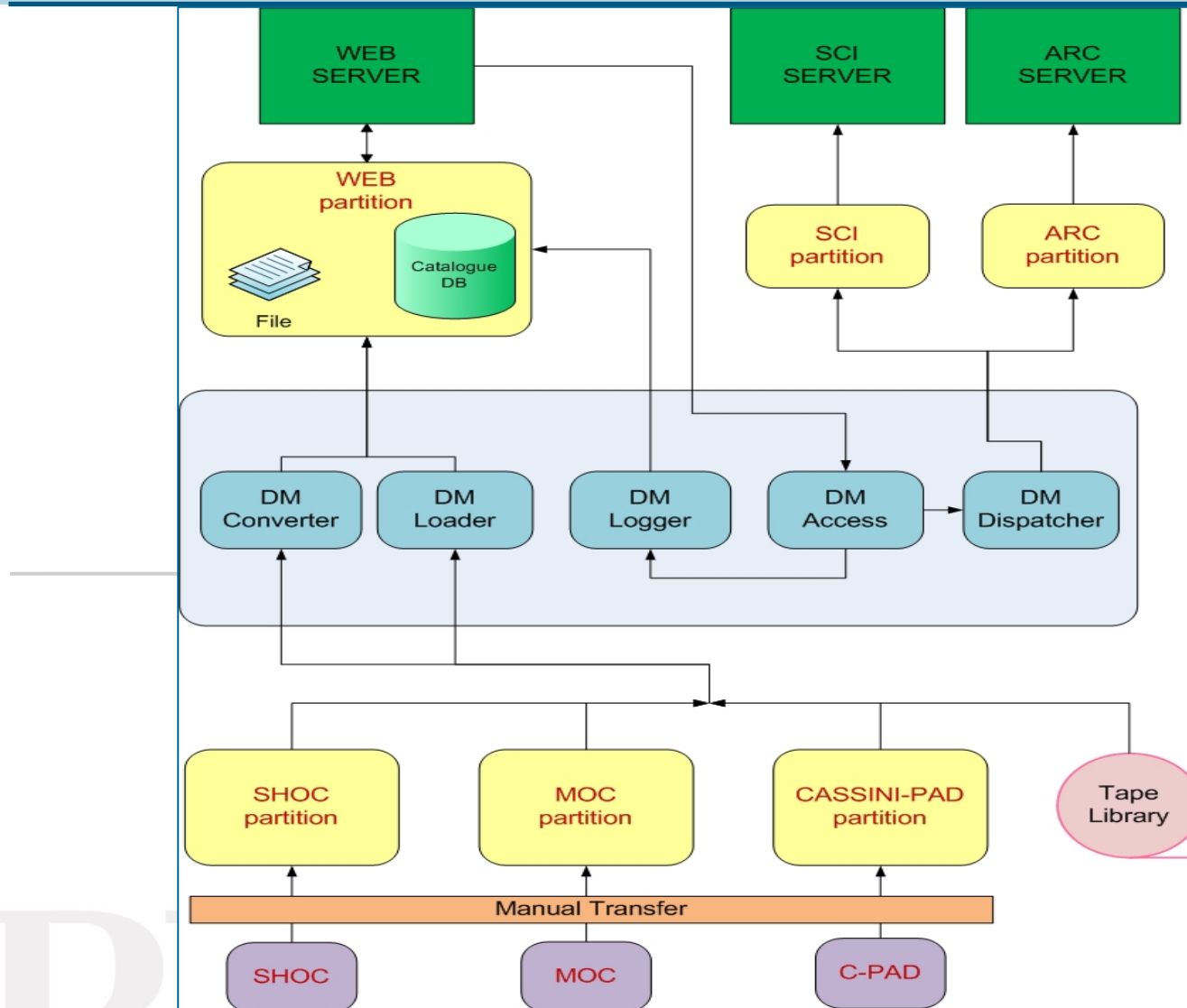
WebGIS for Moon data

WebGIS application tool to deliver Moon data in a friendly, innovative and reliable way precursor of SpaceGIS

Planetary Exploration



PROC Archiving Facility, Data Manager and Web Portal Architecture



Planetary Exploration



PROC Web Facility - <http://www.asi-proc.it/>



Planetary Radar Operational Center

ASI
agenzia spaziale italiana

ThalesAlenia
Space

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- [EARTH MOON MARS](#)
- [MAJOR SOLAR FLARE ON MARCH 7TH AT 00:28 UT](#)

PLANETS



MISSIONS




EVENTS

- [PSG #29 - APRIL 2012](#)
- [JMSSTM - APRIL 2012](#)


MISSION PRODUCTS

- [R_2354402_001_SS19_700_A](#)
- [R_2348102_001_SS19_700_A](#)
- [R_2354701_001_SS19_700_A](#)
- [R_2349801_001_SS11_700_A](#)

MULTIMEDIA



SPACEGIS



TAG CLOUD

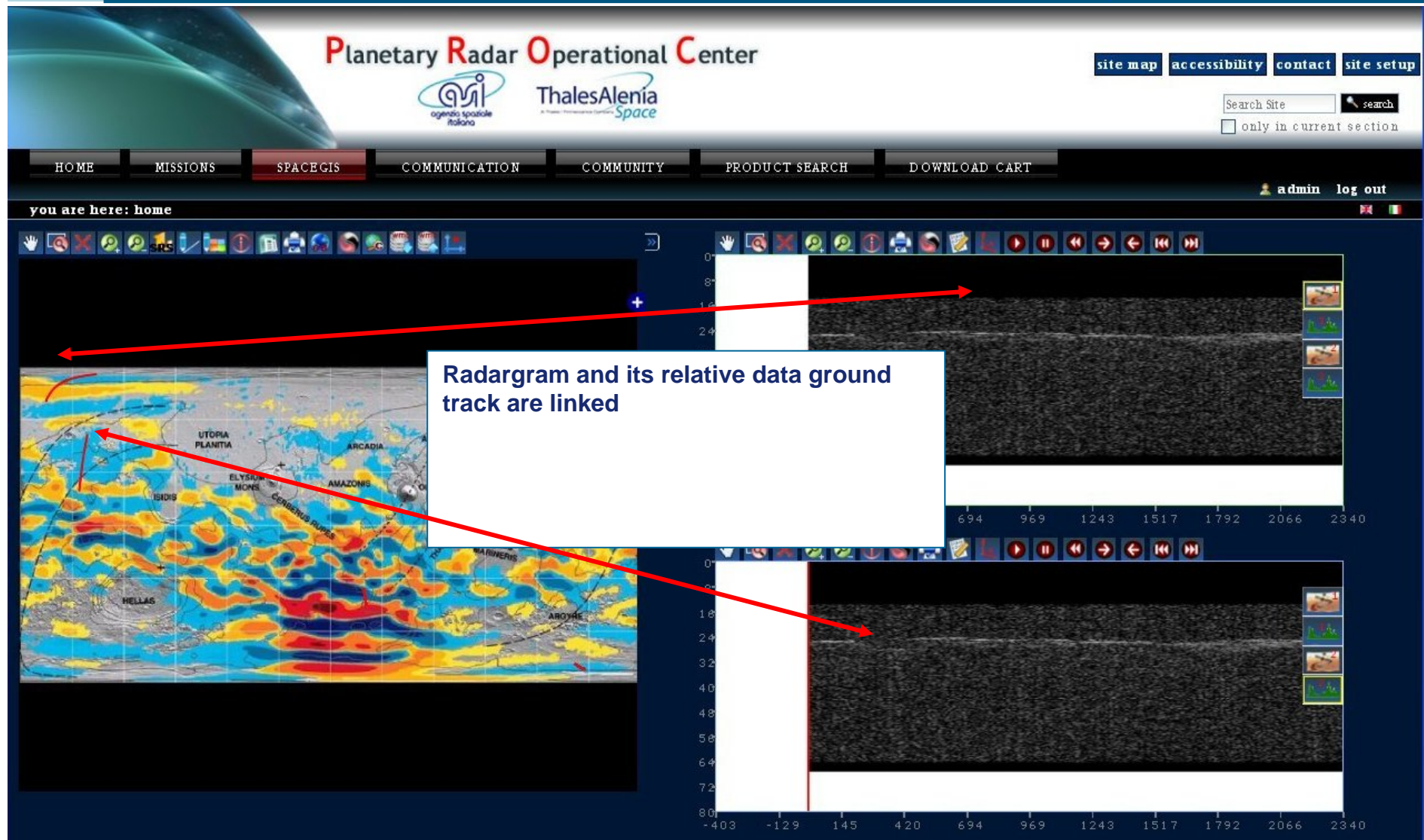
CASSINI JMSSTM MARS
MARSIS MARTE MRO
PDF SHARAD MISSIONE

IFI ASI CO.RI.S.T.A.

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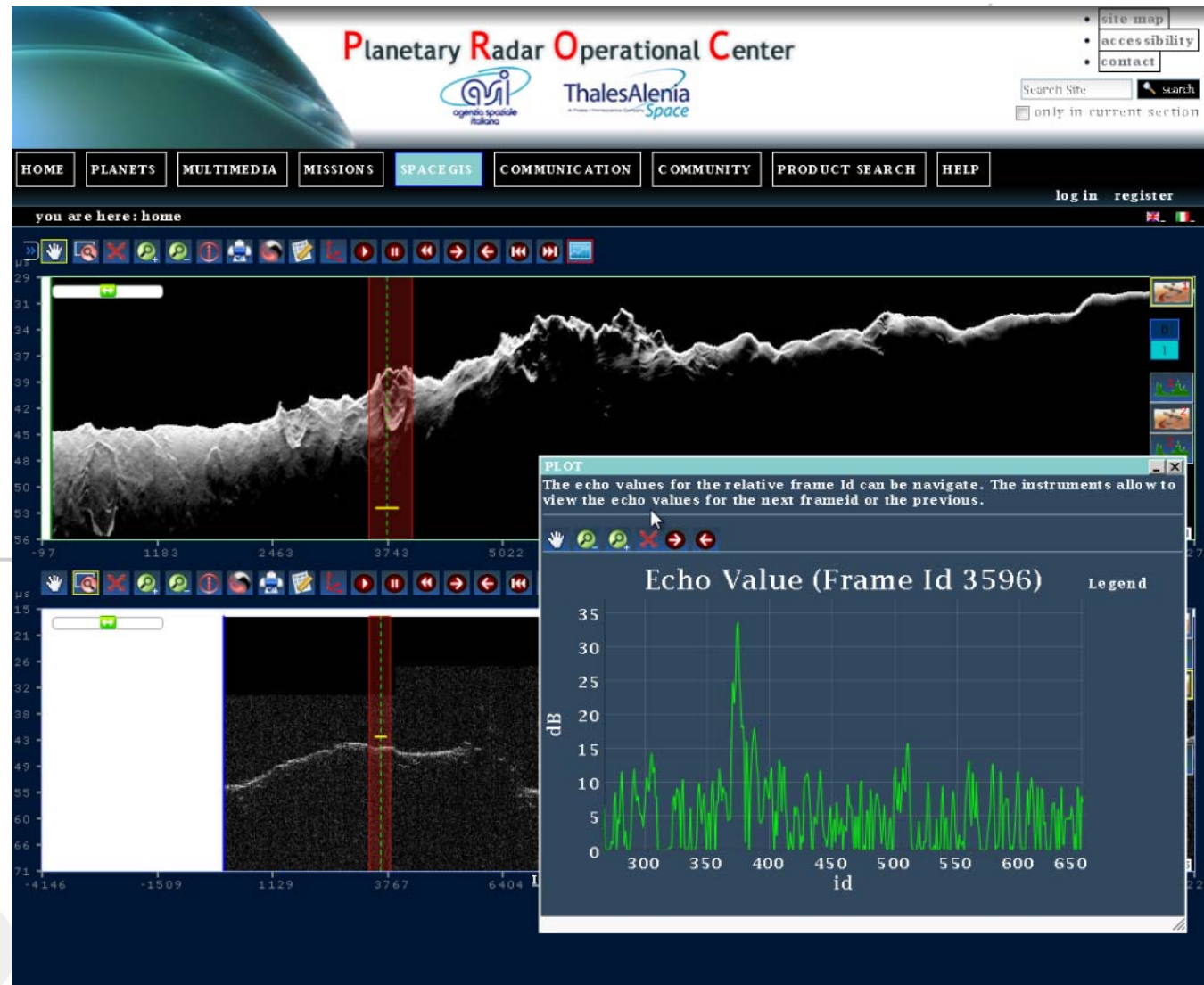
PROC Web Facility - <http://www.asi-proc.it/>



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PROC Web Facility - <http://www.asi-proc.it/>

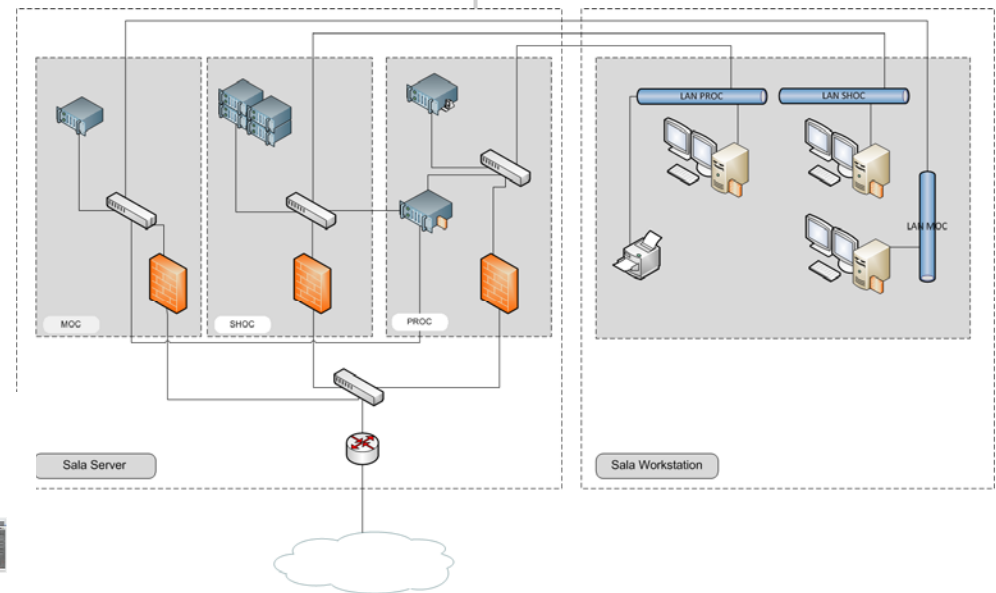
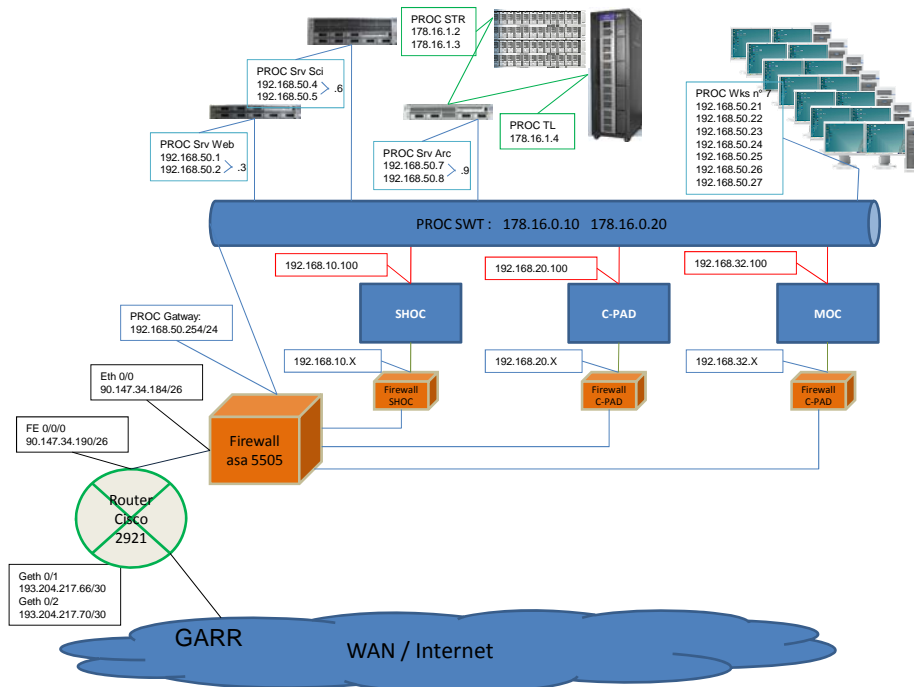


Planetary Exploration



MOC-SHOC-PROC Facilities re-assessment

- Re-engineering and SW updating
 - to adapt the G/S to the mission long life, over 10.000 orbits (MOC)
 - to assess new needs from scientific teams



- Resource sharing analysis, trade-off and merging of the three centers to GARR WAN
- Relocation plan to the ASI premises
- Support to system control and maintenance during the operations of the missions

Thank you!

For further information

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