

Ramon.Space

BRINGING SUPER COMPUTING TO SPACE





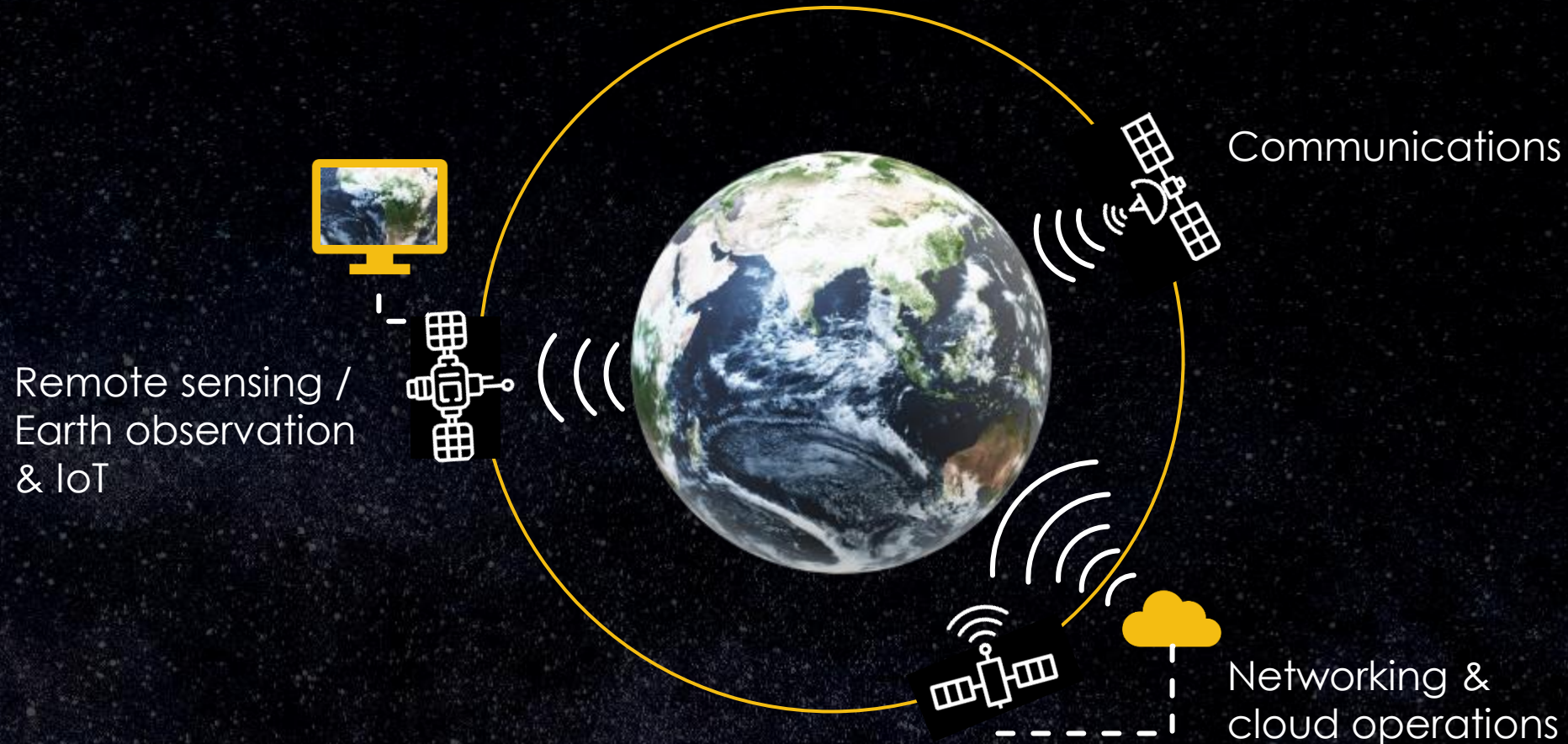
Reimagine what is possible in space
with smart, autonomous satellites



Space is changing

RAMON.space 

New space revolution: Commercial orbital services



Space computing is unique



Space environment

Radiation, weightlessness, temperatures, vacuum



Remoteness

Maintenance costs, Replacement



Limited resources

Real-estate, power

“Old space” satellites do not allow:



High
performance



Cloud
Storage



Space
Networks



ML



AI



Cyber
Security



Software
defined



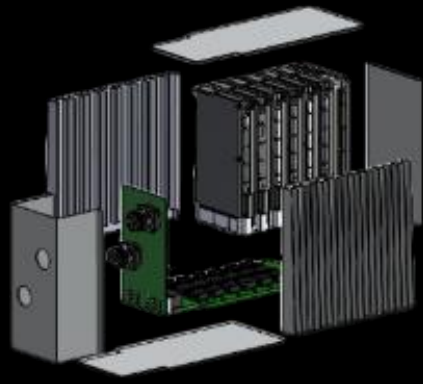
Cost-
effective

Ramon.Space:

Super computing
Systems for
Smart Satellites



NOGAH Systems - Enabling smart and autonomous satellites with super computing systems designed for space



Radiation
Hardening

Virtual Radiation Shield for all
processors and systems



Programmable
Application Infrastructure

Communication,
storage, imaging



Ramon.Space
DSP processors

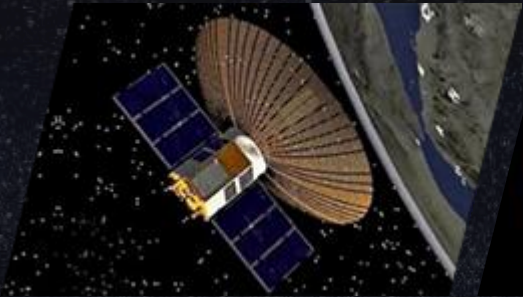
Hi-performance
Low power

The most advanced computing space technology

Notable missions and satellites

2016

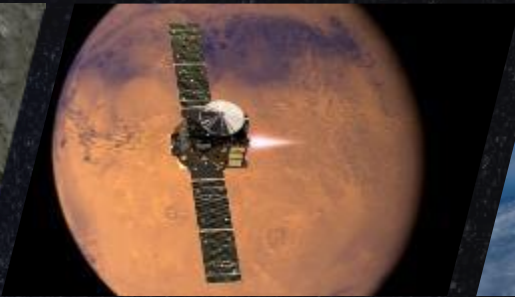
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Communication
satellite

2016

**TGO – MARS
ORBITER**



Atmosphere
research

2016

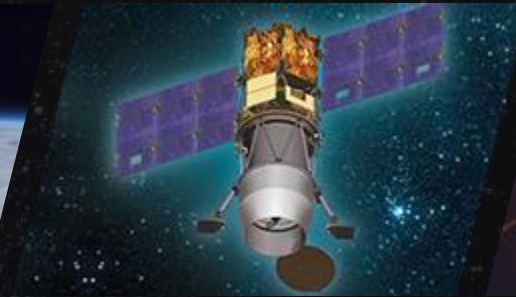
**NASA CYGNESS
SATELLITES**



Hurricane prediction
constellation

2017

OPSAT 3000



Optical
satellite

2020

**ESA/NASA SOLAR
ORBITER**



Sun - closest
exploration

Bringing super computing to space

Hundreds of SATELLITES
Dozens of DEEP SPACE MISSIONS

ZERO FAILURES

Open, integrated, high performance, software-defined
computing systems, DESIGNED FOR SPACE

RE-IMAGINE WHAT IS POSSIBLE IN SPACE



Fast time
to market



Business &
operational
Flexibility



Cost
efficient

Thank You

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