

# Highlights on policies for knowledge tranfer from a business perspective

Workshop

Stimulating Knowledge Transfer: Challenges and Policy Responses



# TEKEVER Group

## Facts and Figures



Portuguese Technology group

Core competencies in Software, Electronics and Communications

Founded in Portugal in 2001, international expansion in 2006

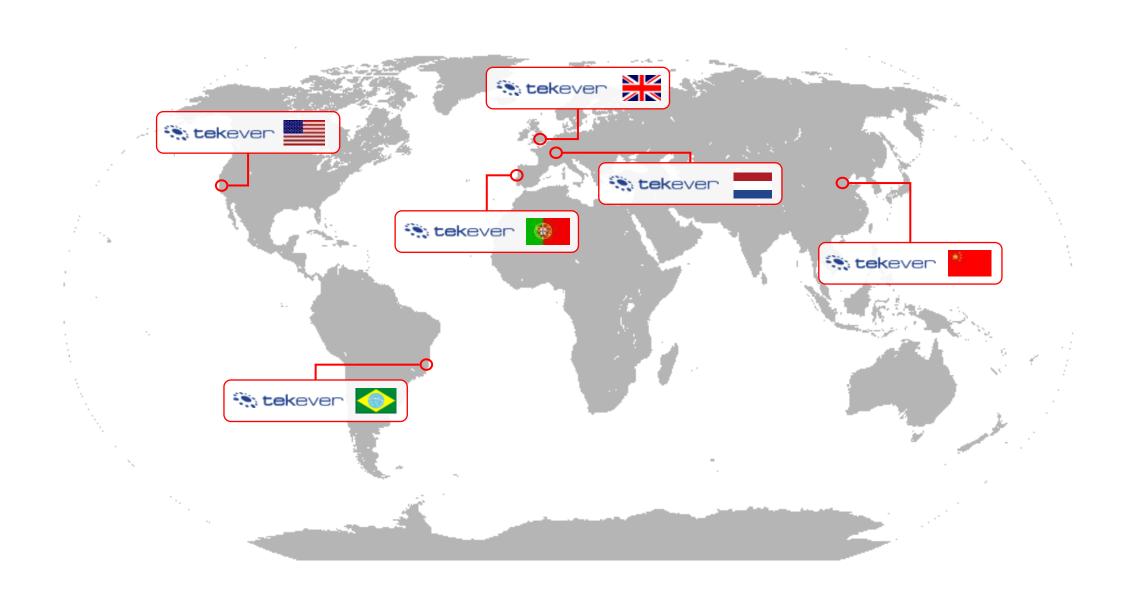
Growing workforce of 250+ Engineers

Continuous financial growth: 30M€+ TO & 10M€+ EBITDA

Offices in 4 continents, growing international network of partners

### TEKEVER worldwide





## Companies and divisions



CORE COMPANIES

PRODUCTS & SERVICES COMPANIES / DIVISIONS





Workforce and asset management optimization



Cloud-based enterprise mobility platform and store





**Unmanned Aerial Systems** 







Tactical Communication Systems

#### **Products**





#### Core technology platform



Model Once Run Everywhere B2E and B2C Mobility

#### New products



Customer-centric management and optimization of healthcare institutions



Smart-city integrated mobility platform

#### Spin-offs





Workforce and asset management optimization



Cloud-based enterprise mobility platform and store

#### **Products**





#### TEKEVER



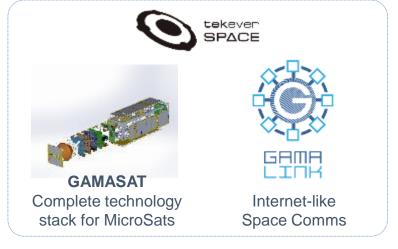




AR4



AR5







# Cases of Drones & Space systems

# Drones From idea to world class player in 10 years

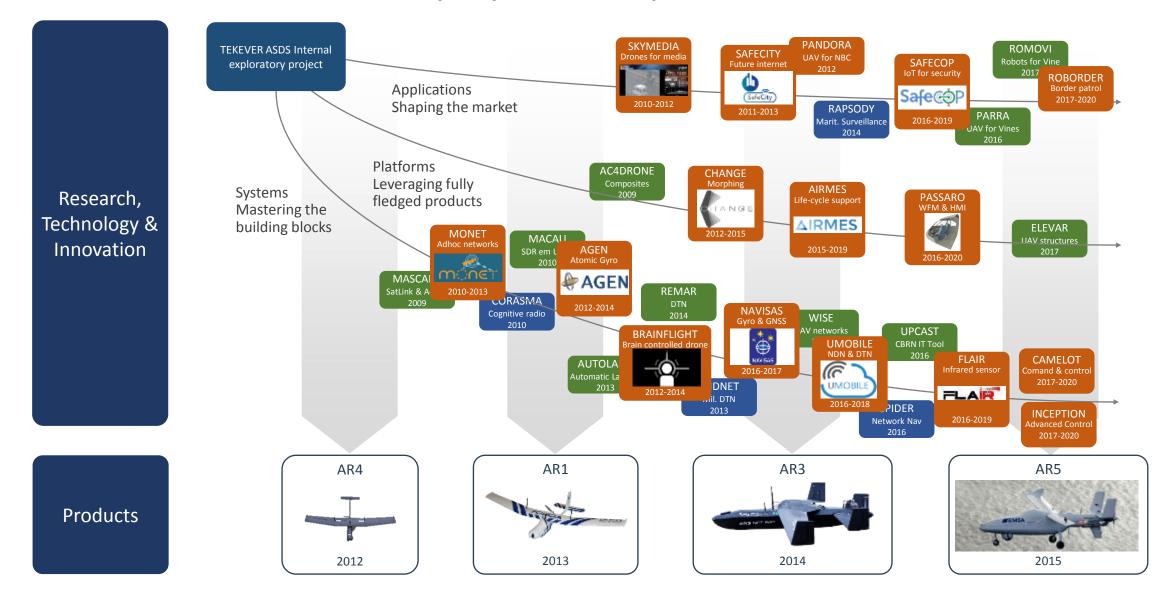




#### **Drones**

## **tek**ever

#### From idea to world class player in 10 years



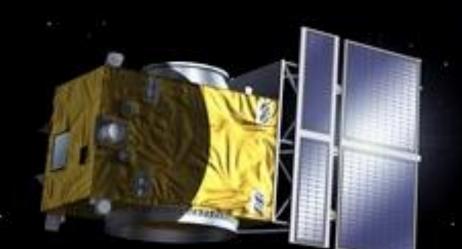
# Space Systems From app developer to system integrator

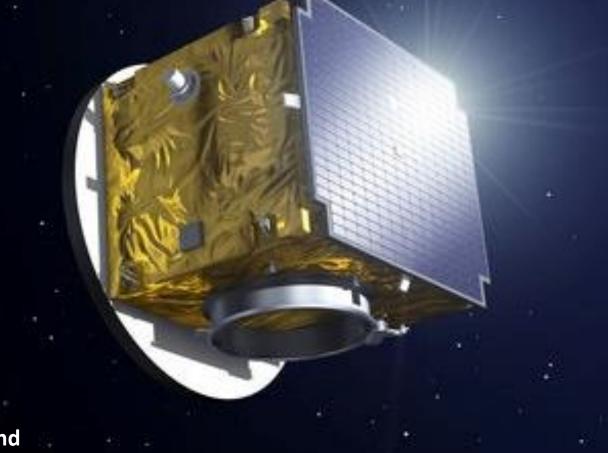




PROBA-3

**Provider of Critical Systems** 





and

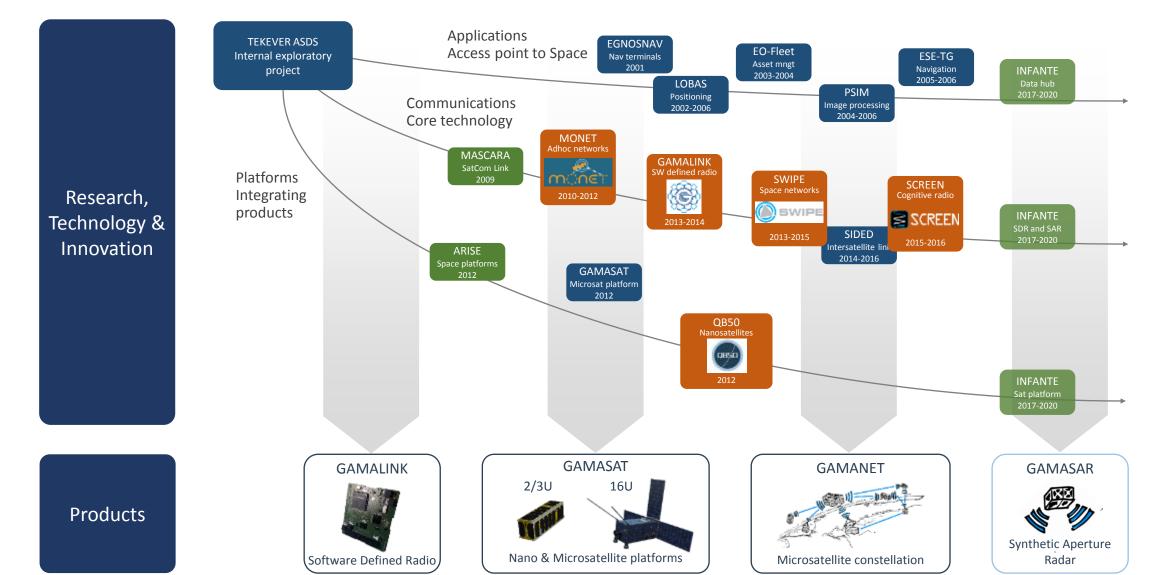
**ISL** provider for Chinese research mission TW-1

**RIBRAS Brazilian Ground Network** 

**Manufacturer of GAMASAT-1** 

# Space Systems From app developer to system integrator







# Flagship initiatives in Space led by TEKEVER

## INFANTE – Integrating products for Space



Precursor for microsatellite constellations for maritime applications













HPS

SPACE







## INFANTE – Project Structure





Satellite platform Avionics|Structure|Energy

Propulsion system

Solar panel and mechanisms



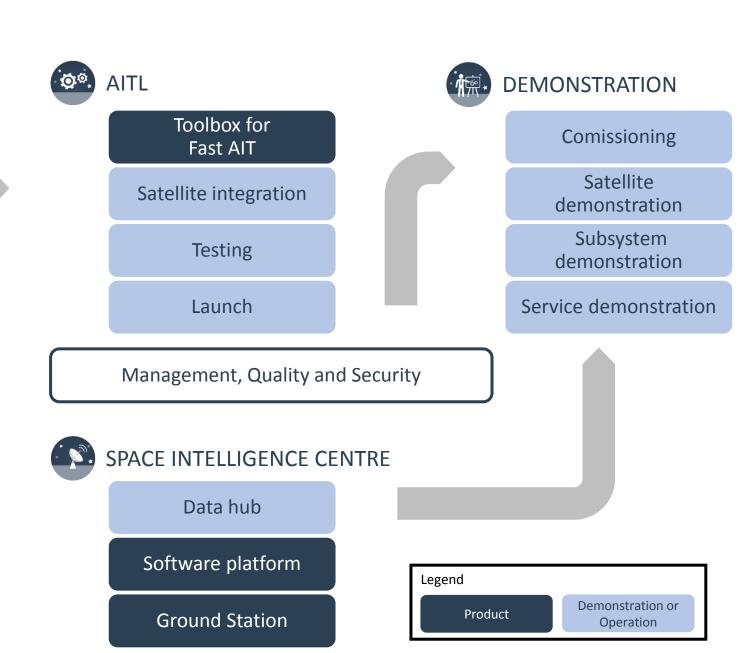
Payload bay & experimental equipment

Multispectral camera

Synthetic Aperture Radar (SAR)



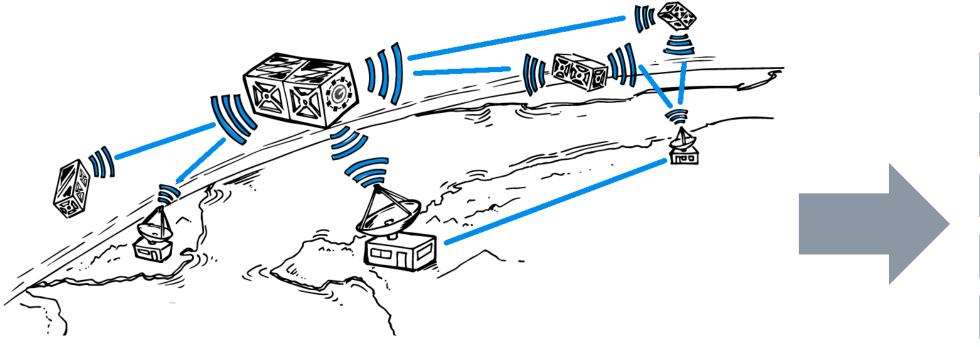
Software Defined Radio (SDR)



## **GAMANET**

#### **tek**ever

#### Maritime-focused Microsatellite Constellation



Ad hoc space-based network leveraged by an international consortium to enable a novel sustainable science-pushed, business-driven model for Space, with a continuous R&D, Production, Launch and Operation cycle.

SCIENCE

MARITIME APPLICATIONS

RESOURCE MANAGEMENT

ENVIRONMENTAL MONITORING

SAFETY AND HEALTH

**SECURITY** 

RESEARCH

**INDUSTRY** 

**USERS** 

### STARLab Space Technology Advanced Research Laboratory





A joint initiative between TEKEVER and the Innovation Academy for Microsatellites of the Chinese Academy of Sciences with Portuguese and Chinese universities

Establishment plan to be signed on September 20th 2017

#### Research Areas

Satellite platforms and constellations

Space-based sensors

Downstream services and apps

Low cost deep space exploration

Space tech for Ocean systems

#### Other initiatives



**ARMADA** 

Constellation management for distributed Space-based sensors

CARAVELA

Building blocks for microlaunchers