



SPiN

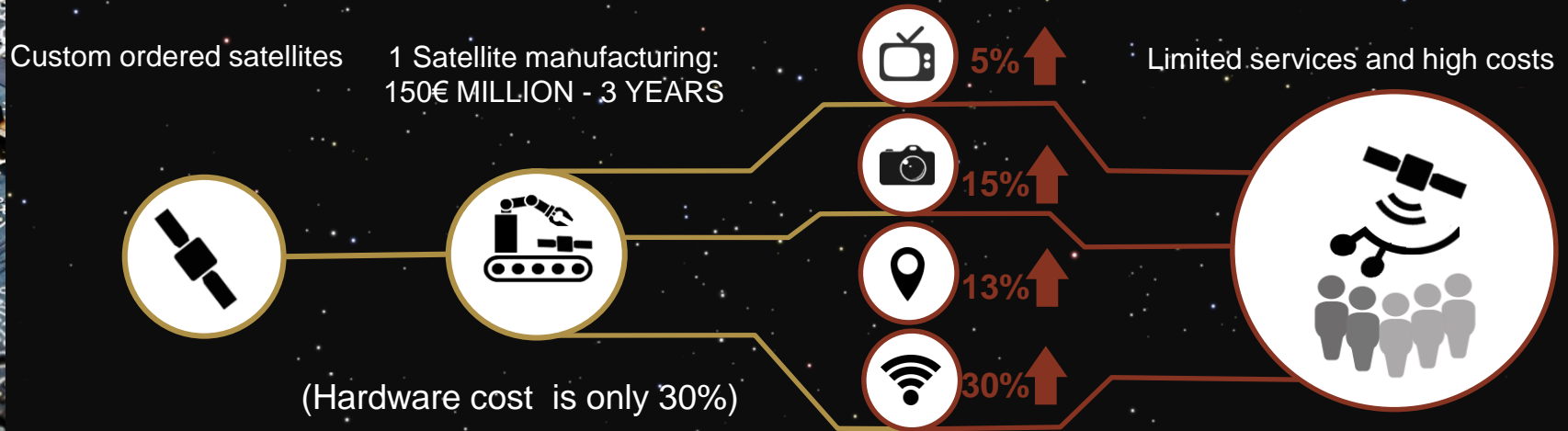
Space Products and Innovation

REVOLUTIONIZING SATELLITE MANUFACTURING
THROUGH PLUG AND PLAY

PROBLEM: SATELLITE COSTS ERODE PROFITS AND LIMITS THE SERVICES

“(satellites) lead times used to be 36 months,” said **Jean-Loïc Galle, CEO of Thales Alenia Space.** “customers are asking between 12 and 18 months [...], it is extremely difficult to build a satellite in 12 months.”

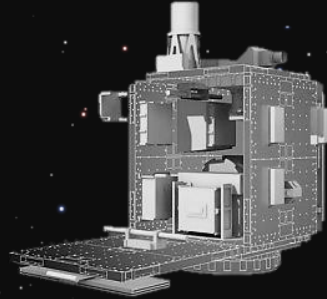
SERVICE DEMAND FORECAST BY 2025



A NEW MANUFACTURING MODEL: DELIVERING NEW CAPABILITIES

FLEXIBLE AND GENERIC SATELLITE DESIGN **€90M**

- Generic Satellite Design
- Component Of The Shelf
- Short & Simple AIT process



Design Study

Preliminary Design
& Technology

Final Design
Fabrication

System
Assembly

Integration &
Testing

~~€30M Design~~ → **€15M Design**

~~€ 63M Electronics~~

~~€15M AIT~~ → **€7.5 AIT**

- € 22M for components
- ~~€ 41M for customization~~ → **€ 7M customization**

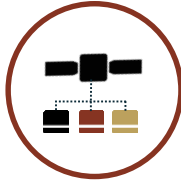
~~€ 42M for structure, propulsion, solar arrays/batteries~~

MAGIC BENEFITS

The only universal and plug & play solution for satellite assembly

PLUG & PLAY

Connects without user intervention reducing integration time



OEM

Increase satellite Suppliers' sales & reduces Integrators costs



UNIVERSAL

Commoditize satellites by reducing component customization



COST EFFICIENT

Does not change the manufacturers' current Supply chain



SPIN BUSINESS MODEL

| Multiple unit sales per project | Product versions

2018: TESTING

- Entry price
- Fast testing equipment



2019: SPACECRAFT

- High price/value ratio
- Space certification



2020: SPACECRAFT 2.0

- Affordable high-end product
- Advanced features



MARKET GROWTH: "GALACTIC GOLD RUSH"

Bloomberg, 2015

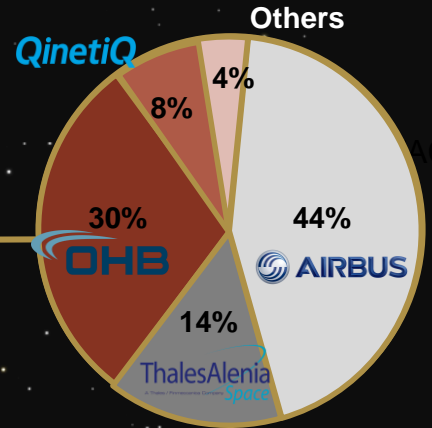
44%
Government
FUTURE SATELLITES

39%
Commercial
FUTURE SATELLITES

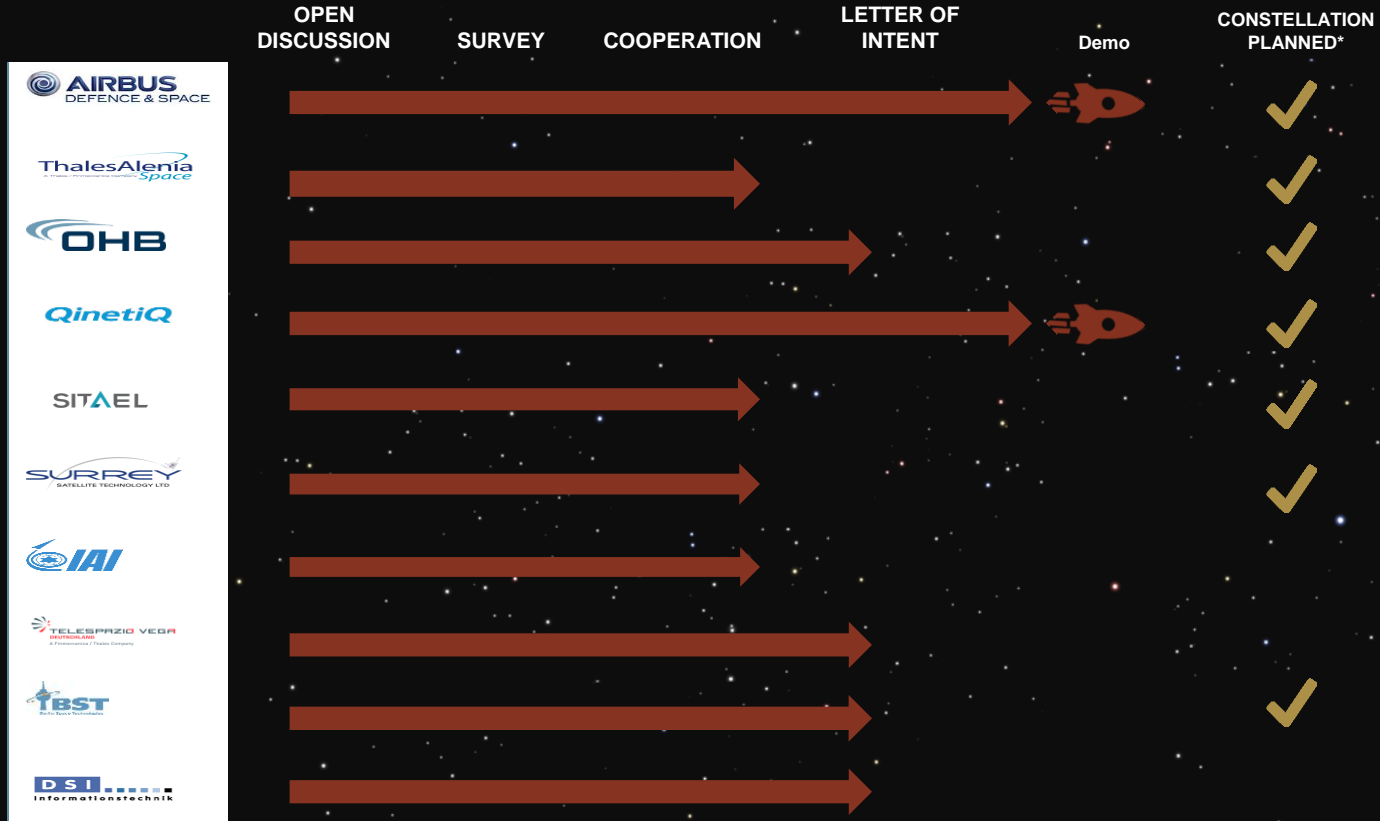
17%
Military
FUTURE SATELLITES

**+18%
GROWTH
1450 SAT/10 YEARS**

Satellite Manufacturing
Market size **17.3 B€**



MARKET VALIDATION





MA61C IS READY FOR THE MARKET



Strategic network



Reducing space infrastructure cost



Experienced team



LOI from 70% market players

Contact:

giulia.federico@spinintech.com

0049 (0) 151 702 334 70

www.spinintech.com