



Company and product line introduction

SESP2012

SSBV

- Established as Satellite Services BV (SSBV) in 1985, privately owned
- Operating for over 26 years with a focus on Space
- Multi-national SME, organised in a group structure. Headquarters and largest operational base in The Netherlands, main subsidiary in United Kingdom (Portsmouth)
- SSBV is a recognised European leader in providing ground based Communication, Simulation & Test solutions and leading company for NL Smallsat activities
- SSBV is well known for being innovative and cost-effective whilst still being flexible, reliable and quality driven
- SSBV has a diverse, loyal and world-wide customer base of over 100 entities
- Expansion of group activities through friendly take-over (COMDEV UK – RF Test solutions & EONIC BV) as well as investment in MetaSensing (SAR radar and services)



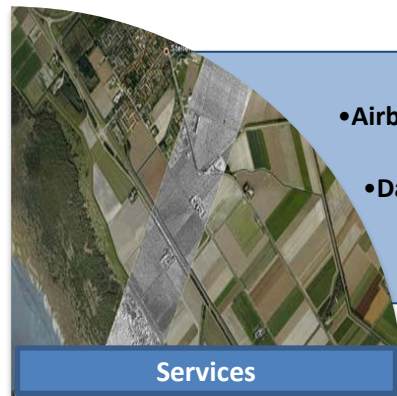
Areas & Activities

- Smallsat Sensors
- Smallsat Sub-Systems
- Mini-SAR instrument
- Spectrum processing
- Purpose Built Microsats



Space Systems

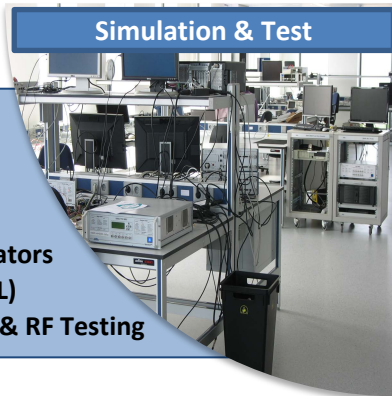
- Airborne & Space based Sensing
 - Ground Station Hosting
- Data reception & TTC Services
 - Data (pre) Processing
 - Test Services



Services

Simulation & Test

- EGSE / SCOE
- Special Test Benches
- Payload/Platform Simulators
- Real-Time Simulators (HIL)
- Avionics, Power, TM/TC & RF Testing

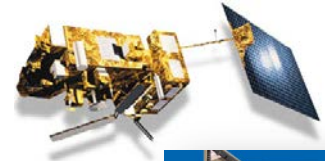
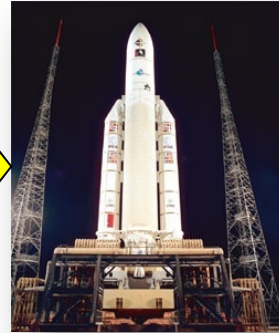
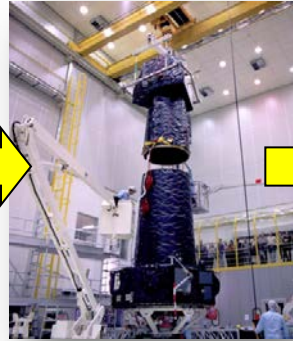


Communication

- EO / TTC Ground Stations
- TTC & High-Rate Modems
 - SIGINT Data recorders
 - Data ingest/Processing
 - Spectrum Monitoring



Systems from Simulation to Operations



Phases B to E

Phase F

Simulation, Assembly, Integration, Test & Launch

IOT & Operations

Main (public) Satellite references

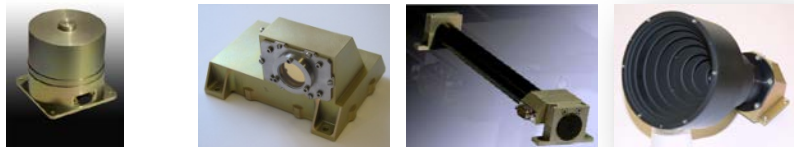


Over 45 different satellites served with our equipment, solutions and knowledge...

Product lines



• **DSTE** - Simulation & Test products for instrument/payload and system level testing



Commercial Space Subsystems & Sensors
Avionics sensors & actuators, On-board processing, Transponders

• **Spacelink^{NGT}** – S/X-band tracking Antennas, TTC modems, TM/TC baseband systems and High-Rate modem & Data processing solutions



RF Test Benches – Advanced system level & product line RF test systems



SIGINT – Spectrum recording, replay, analysis and monitoring systems





Thank You for your attention

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