

Ground segments
Satellites
Transversal competencies



M3 Systems is a French SME of 50 employees created in 1999 specialized in high performance positioning applications based on GNSS.

Located near Toulouse (Lavernose-Lacasse), the company is also present in Brussels (Belgium) and in Castanet-Tolosan (31) with its subsidiary (BOREAL SAS) specializing in the design and manufacture of long-range drones.

COMPETENCIES & CAPABILITIES

M3 Systems offers expertise, test & measurement software and tools to meet the needs of innovative GNSS applications.

Expertise

- Radio Navigation Engineering & Signal Processing
- GNSS Tests and Measurements solutions
- SDR (Software Defined Radio) GNSS Receiver
- ATM (Air Traffic Management) studies



M3 SYSTEMS

PRODUCTS & SERVICES

Products

- Stella NGC – GNSS test & measurement software suite
 - Stella NGC GNSS Signal Simulator (Multi-constellation, Multi-Frequency, Multi-antenna, 2 mobiles, IMU simulation, Multipath, Jamming, Spoofing)
 - Stella NGC Record and Playback (4 channels, Fine synchronization, AGC Auto, Smart I/Q Recorder)
 - Stella NGC Scenario Replayer (Manufacturing tool – EOL testing, Customized scenario)
- Boreal UAV – Fixed wing long range UAV
- e-TrackAir – Airport vehicle geolocation

MAJOR SPACE PROJECTS & REFERENCES

- EGNOS V3 SIGNAL MONITORING: KPI systems and Real time monitoring – Eutelsat
- ROC: Radio Occultation software testbed – CNES
- GNSS Spoofing test bench – CNES
- OBSIG: GNSS Signal Observatory – CNES
- KASSAV: GNSS Receiver error simulator for space launcher – CNES

POINT OF CONTACT

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TURNOVER 2,925 k €

WORK FORCE 37

SPACE TURNOVER 600 k €

SPACE WORK FORCE 7