

Ground segments  
Transversal competencies



TimeLink microsystems, a French company based in Toulouse and Brussels is the French leader in the development of complex synchronization systems where time plays a critical role. Since 1978, we offer innovated systems tailored to your needs of an accurate dating and synchronization. We have a wide range of products on shelves as disciplined GNSS constellations, time & frequency generators with full distribution, atomic clocks, NTP/PTP servers, PC time boards and cabinets integration of these instruments.

### COMPETENCIES & CAPABILITIES

To develop a very strong partnership with our customers based on shared responsibilities on the full segment of time & frequency on the following markets:

**Space:** Space agencies/scientific research centers for positioning Systems and Satellites launches

**Defence:** Shooting guidance systems & equipments for information & transmission

**Aeronautics:** Localization & Data transmission

**Bank and Finance:** Time Diffusion, Synchronization

**Telecom and Broadcasting:** Satellites operators & Services

**Energy and Exploitation:** Positioning & Synchronization

**Data Center:** Clock references



### SOLUTIONS FOR SYNCHRONIZATION & TIMING



REAL TIME - NEW INDUSTRY 4.0 - AUTOMATION

# TIMELINK



## MAJOR SPACE PROJECTS & REFERENCES

### EUROPEAN LAUNCHERS BASED IN KOUROU (FRENCH GUYANA)

- 3rd generation of Synchronization system (UTC, H0, Countdown generation & distribution) for ARIANE, SOYOUZ and VEGA launchers
- Synchronization of operations and specific gateways for the SOYOUZ launcher (management of Russian Time code and gateways for TsSKB tests Bench)

### GROUND SEGMENT OF SATELLITE OPERATORS

- ASTRA, CHINASAT, EUTELSAT, RASCOMSTAR, RSCC, etc.
- EGNOS references clock
- Military references clock

## POINT OF CONTACT

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**TURNOVER** €2m

**WORK FORCE** 15

**SPACE TURNOVER** €1,5m

**SPACE WORK FORCE** 13