



Global Terrestrial Timing Service

1,000x more accurate
10x cheaper



All critical infrastructure relies on satellite-based timing (e.g. GPS, Galileo). The telecom industry has the highest timing requirements, followed by the financial and electric power industries. Governments (e.g. EU, US, UK) need a backup solution to this satellite dependence for homeland security.

A disruption of critical infrastructure could be an even bigger threat than a pandemic

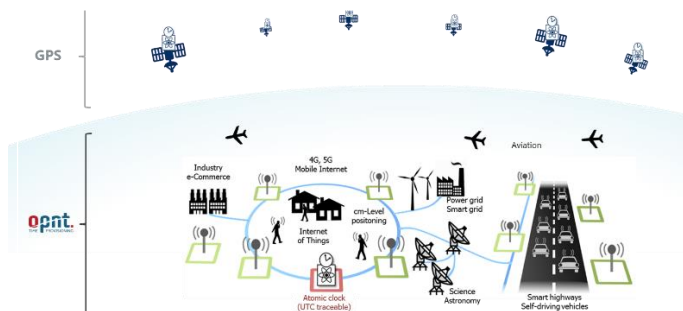
Our solution

Transition from GPS satellites to a terrestrial system for accurate timing making use of the existing telecom infrastructure.

Precise atomic clock signals through fiber-optic and wireless networks

Crucial for:

- 5G and future 6G
- Stock exchange, trading and banks
- Quantum computing
- Energy grids
- Navigation



The patent-based OPNT technology was developed at CERN. It fits the telecom infrastructure, thus making time distribution extremely robust and efficient. The increased accuracy also boosts innovations like quantum computing and terrestrial positioning (key for autonomous driving).

Traction: paid projects (and more)



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GPS is a "Time Bomb"!