

Hackathon CASSINI - 10th edition



Kinéis, founded in 2019, is a French satellite operator providing global IoT connectivity. In 2025, its 25-satellite constellation will ensure reliable data transmission, connecting customers with what matters anywhere on the planet.

Kinéis main characteristics

Our offer

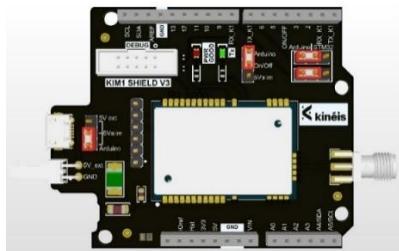
- Payload on 9 nanosats already in orbit: global coverage
- 25 nanosats launched in 2024/25
- Current average revisit time 3h
- Revisit time in 2025 <15 minutes
- Licensed UHF frequencies (~400 MHz)

Our technology

- 23-Byte messages
- Low transmission power consumption
- GNSS compatible
- Complementing ground telecom networks

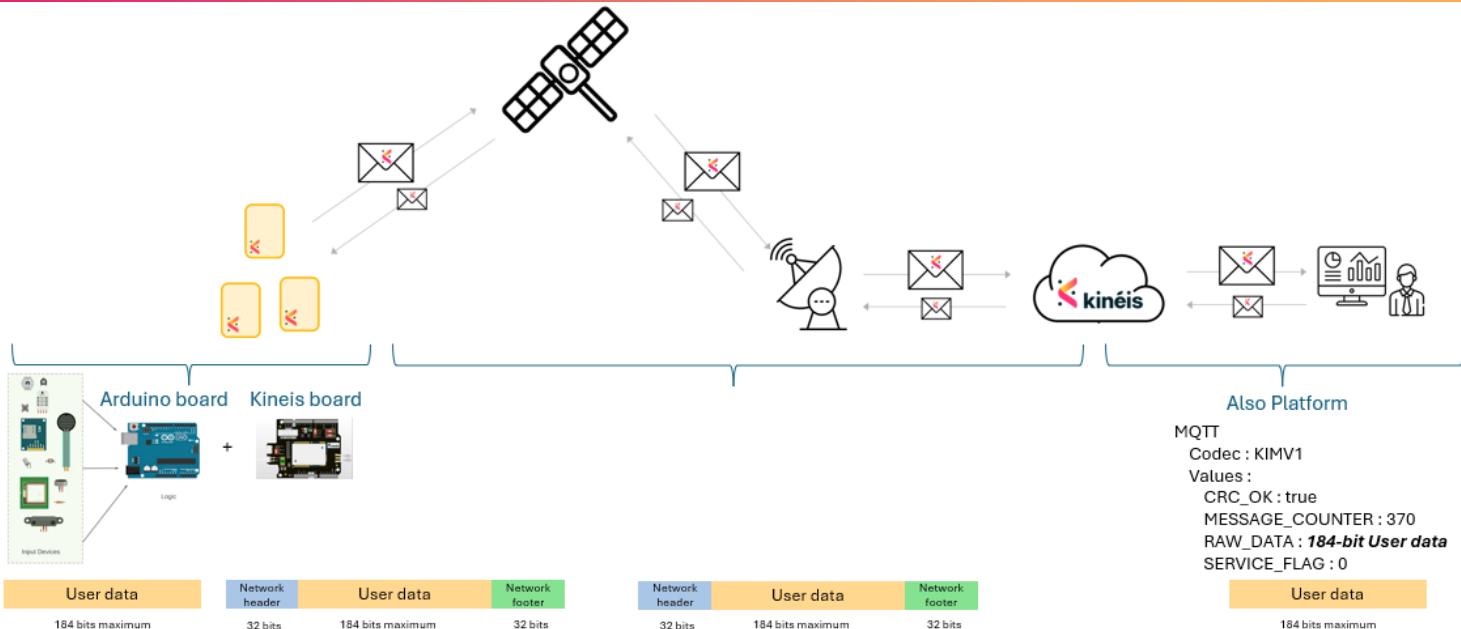
Start using the kit

Included in the kit



- Arduino compliant Kinéis Board with a KIM1 module
It includes a chipset as well as all other RF components
 - Amplification, filtering, and supply management
 - Different emission powers are available for selection
 - Network protocol management
 - UART interface with AT commands
- Antenna
- Spare KIM1 module

Global system



Practical information

About the kit

- Plug & play board: quick installation with Arduino board
- Easy access to all data on All Things Talk platform, already decoded
- Usable in any scenario

About the Hackaton

- Integration manual with detailed usage steps + satellite passes info included for each location
- Kinéis support on Discord channel during the event
 - Saturday 8th November 2025: 10am-12am
 - Saturday 8th November 2025: 2pm-6pm