

# Hackathon CASSINI - 10<sup>th</sup> 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

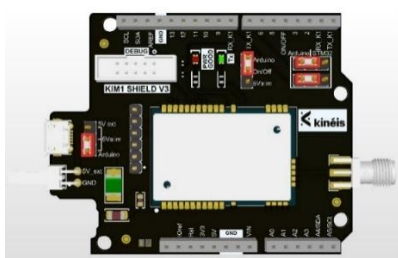
- Payload on 9 nanosats already in orbit: global coverage
- 25 nanosats launched in 2024/25
- Current average revisit time 3h
- Revisit time in 2025 <15 minutes
- Licensed UHF frequencies (~400 MHz)

### Our technology

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

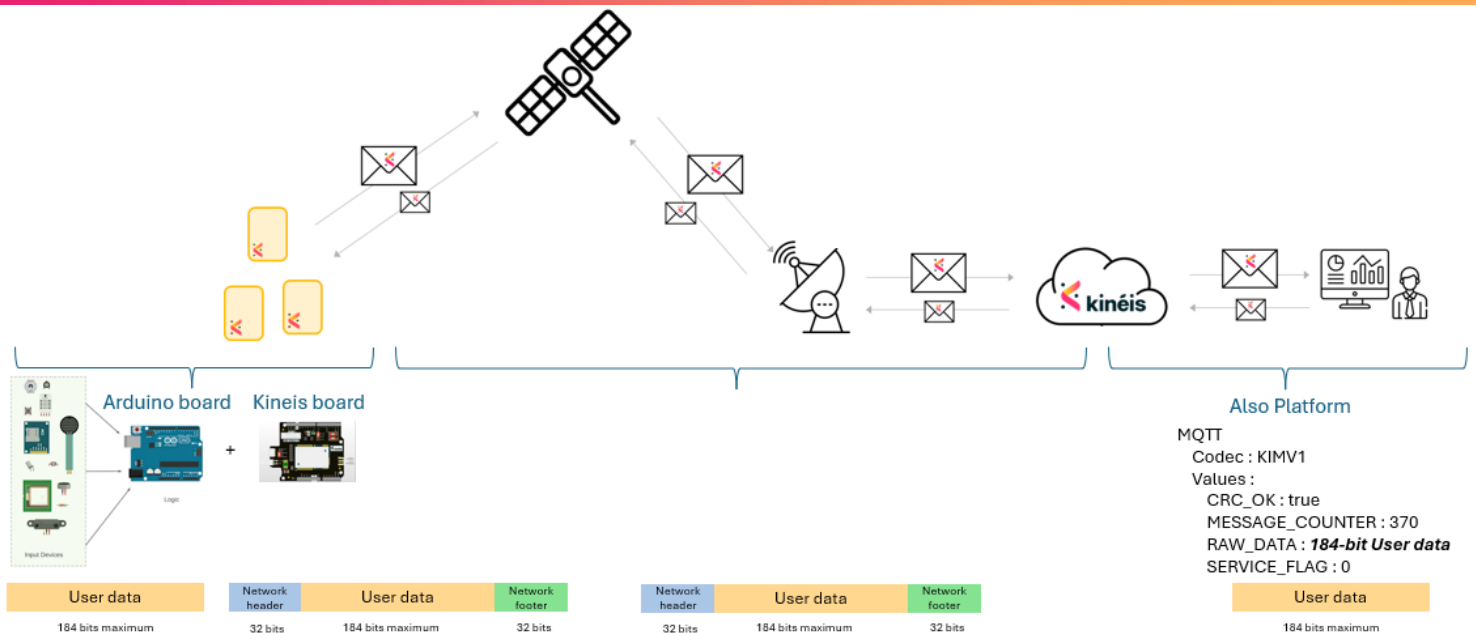
## Start using the kit

### 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 8<sup>th</sup> November 2025: 10am-12am
  - Saturday 8<sup>th</sup> November 2025: 2pm-6pm