



IOT 4 YOU AND ME

PRESS KIT | NET 4 FEB 2024

Rocket Lab USA, Inc.
rocketlabusa.com



LAUNCH INFORMATION

Rocket Lab will launch an Electron rocket to deploy five satellites for French Internet of Things (IoT) company Kinéis. It's the fourth of five dedicated Electron launches booked by Kinéis.



LAUNCH SITE

Launch Complex 1 – Pad A
Mahia, New Zealand.



LAUNCH WINDOW

The launch window opens on February 4th NZDT and extends for 14 days. This launch requires an instantaneous T-O and it remains the same for every day of the launch window.

Time Zone	Window Open
NZDT	09:43 am
UTC	20:43
EST	3:43 pm
PST	12:43 pm
CET	09:43 pm



ORBIT

646km



SATELLITES

5

5x IoT Satellites



INCLINATION

97

Degrees



CUSTOMER

Kinéis

MISSION OVERVIEW

About 'IOT 4 You and Me'



Mission Success
19 Jun. 2024



Mission Success
19 Jun. 2024



Mission Success
25 Nov. 2024



Launching Soon



Launching Soon



First Kinéis Mission: 'No Time Toulouse'
Launch Complex 1, Mahia, New Zealand



Second Kinéis Mission: 'Kineis Killed The RadiOT Star'
Launch Complex 1, Mahia, New Zealand



Third Kinéis Mission: 'Ice AIS Baby'
Launch Complex 1, Mahia, New Zealand

IOT 4 You and Me will lift off from Launch Complex 1 in New Zealand, deploying five satellites for French IoT company Kinéis.

The mission is the fourth of five dedicated Electron launches for Kinéis. The previous missions were successfully launched on Electron from Launch Complex 1 in June, September, and November of 2024.

Each launch deploys five Internet-of-Things (IoT) satellites. Across these five launches in total, Rocket Lab will deploy Kinéis' complete constellation of 25 satellites.

The IOT 4 You and Me launch has been tailored specifically to meet Kinéis' mission requirements, giving them greater control over launch schedule, orbit, and deployment parameters than would be possible on a larger rideshare mission.

LAUNCH SITE OVERVIEW

Rocket Lab Launch Complex-1
Mahia, New Zealand



'Ice AIS Baby' Payload Integration
Launch Complex 1, Mahia, New Zealand

An FAA-licensed spaceport, Launch Complex 1 can provide up to 120 launch opportunities every year. From the site it is possible to reach orbital inclinations from sun-synchronous through to 30 degrees, enabling a wide spectrum of inclinations to service the majority of the satellite industry's missions to low Earth orbit.

Located within Launch Complex 1 are Rocket Lab's private range control facilities, two 100K satellite cleanrooms, a launch vehicle assembly facility which can process multiple Electrons at once, and administrative offices.

Operating a private orbital launch site alongside its own range and mission control centres allows Rocket Lab to reduce the overhead costs per mission, resulting in a cost-effective launch service for satellite operators.

In addition to Launch Complex 1, Rocket Lab operates an additional launch site, Launch Complex 2, at the Mid-Atlantic Regional Spaceport within NASA's Wallops Flight Facility on Virginia's Eastern Shore. Launch Complex 2 can support up to 12 missions per year.

By operating two launch complexes in two hemispheres, Rocket Lab provides customers with flexible, responsive launch opportunities.

KINÉIS OVERVIEW



Created in 2018, Kinéis is a satellite operator and global connectivity provider. It inherited 40 years of expertise in the Argos system, founded by CNES (French space agency) and historically operated by CLS (Collecte Localisation Satellites).

Thanks to its constellation of 25 nanosatellites, Kinéis can connect any object from anywhere in the world and transmit useful data from these objects to users in near real time. This data is a decision-making tool that can be used to optimize activities while reducing risks, thanks to three essential functions: tracking, monitoring and alerting.

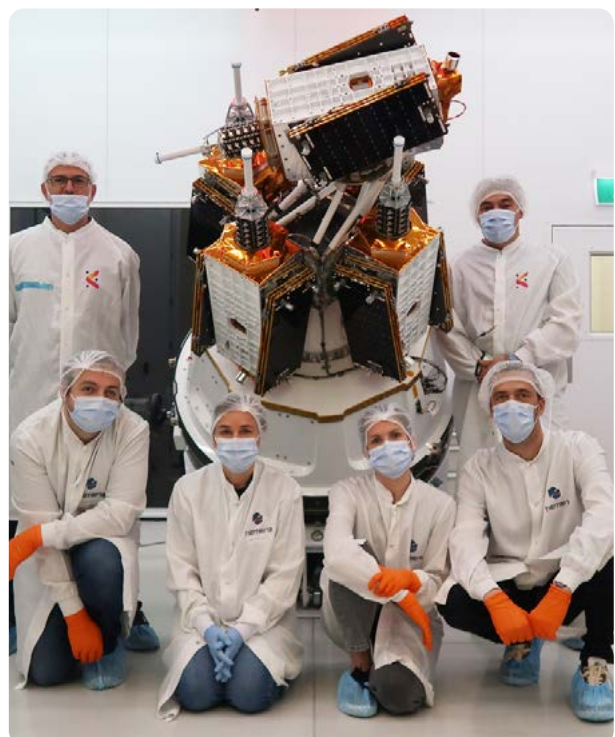
Kinéis' space connectivity applications are used in a number of fields that represent major challenges for humankind: natural risk prevention (detection of forest fires, floods, pollution, etc.), monitoring of infrastructure and energy networks (detection of anomalies, predictive maintenance, etc.), transport and logistics monitoring, agriculture, traceability of wild and farmed animals, and monitoring of maritime activities.

The Kinéis constellation also integrates the AIS (Automatic Identification System), a maritime automatic identification system for ships operating on VHF (Very High Frequency) radio frequencies, which enables ships and surveillance systems to know the identity, position, direction and status of ships at sea.

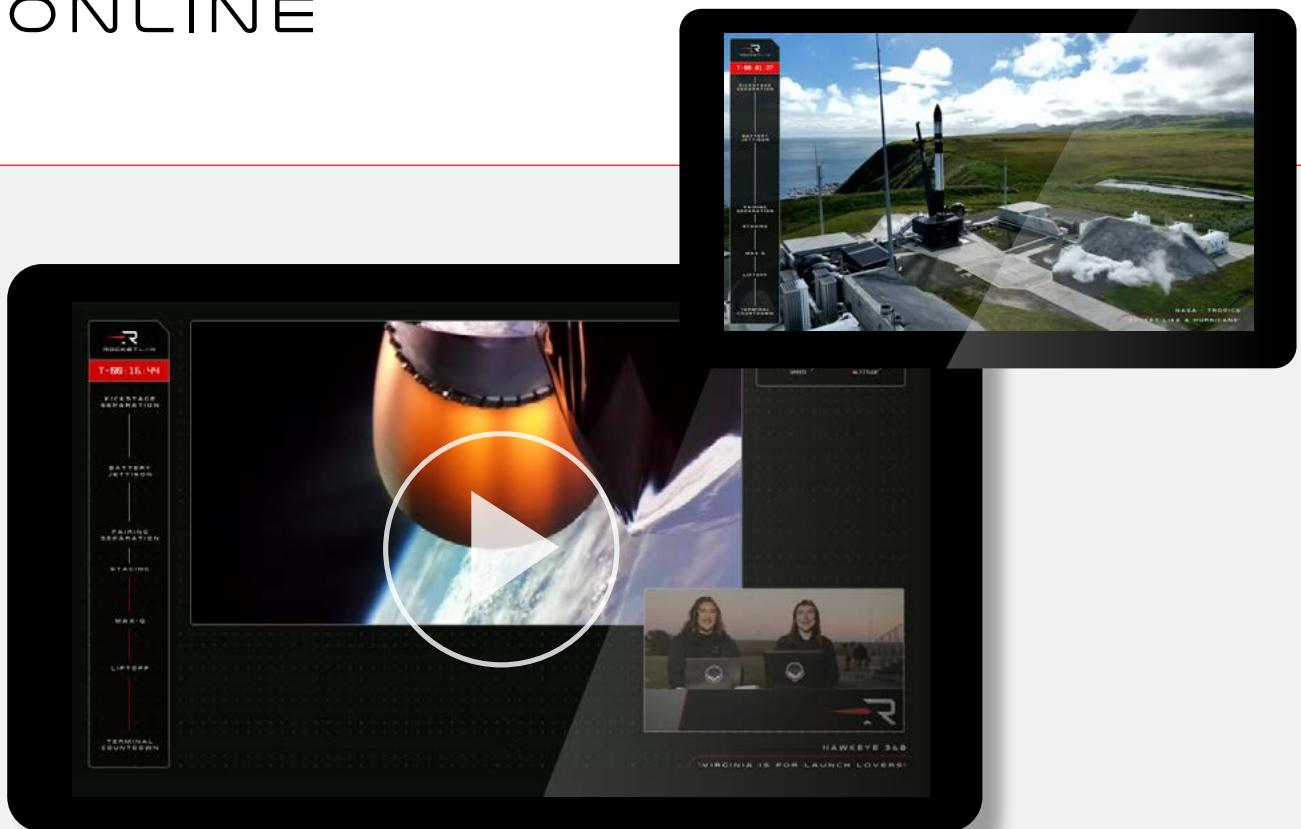
Kinéis' satellite-based AIS (S-AIS) is a high-performance system (requiring no ground infrastructure) that complements terrestrial AIS, enabling ships to be monitored worldwide, even in international waters not accessible by terrestrial AIS.

Learn more here:

kineislaunch.com



VIEWING A LAUNCH ONLINE



LIVE STREAM

The live stream is viewable at:

[rocketlabusa.com/
live-stream](https://rocketlabusa.com/live-stream)

LAUNCH FOOTAGE & IMAGES

Images and footage of "IoT For You and Me" launch will be available shortly after a successful mission at:

www.flickr.com/photos/rocketlab

UPDATES

For information on launch day visit:

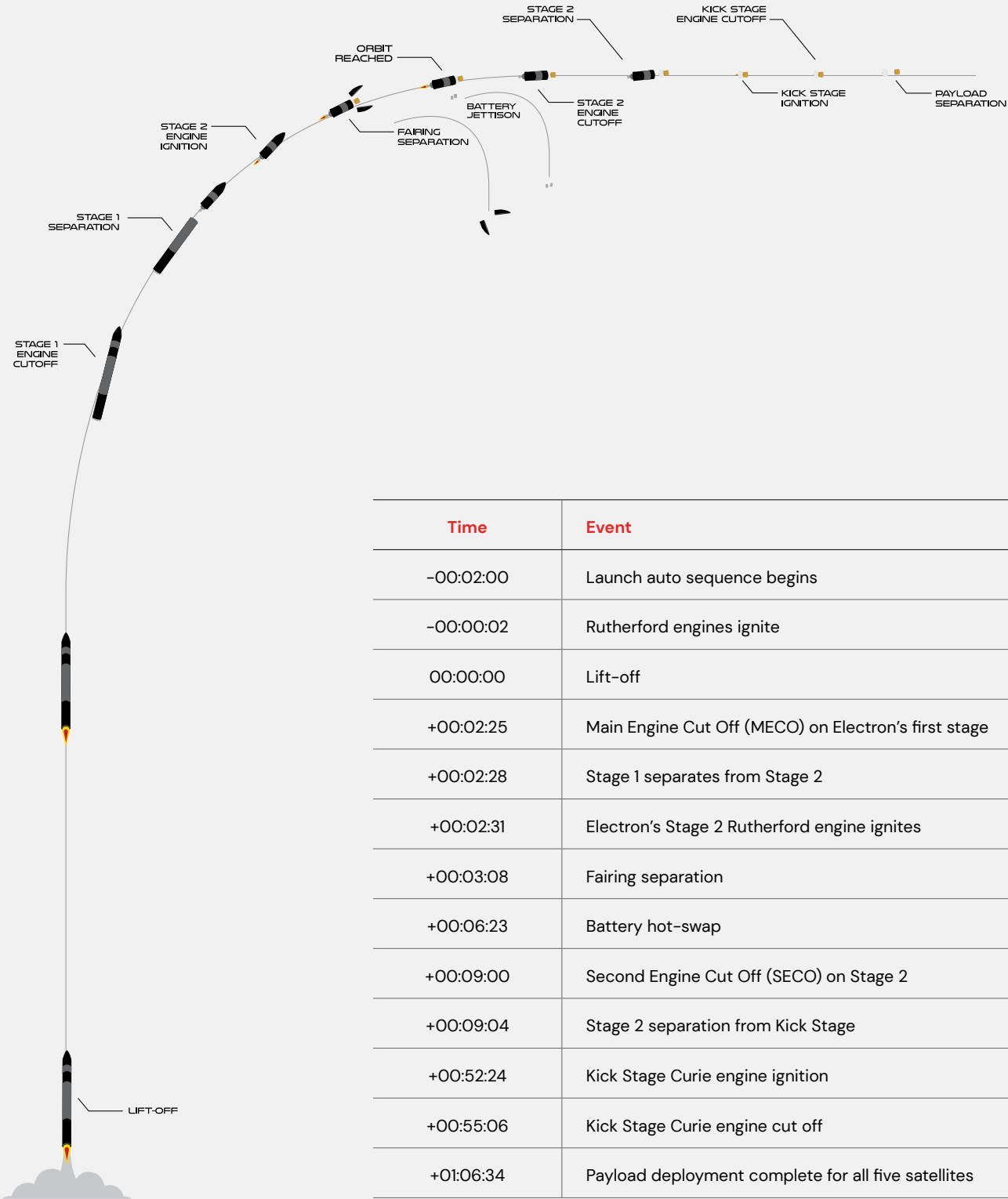
rocketlabusa.com/next-mission

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TIMELINE OF LAUNCH EVENTS



ELECTRON LAUNCH VEHICLE

OVERALL

LENGTH

18m

DIAMETER (MAX)

1.2m

STAGES

2 + Kick Stage

VEHICLE MASS (LIFT-OFF)

13,000kg

MATERIAL/STRUCTURE

Carbon Fiber Composite/Monocoque

PROPELLANT

LOX/Kerosene

PAYLOAD

NOMINAL PAYLOAD

320kg / 440lbm To 500km

FAIRING DIAMETER

1.2m

FAIRING HEIGHT

2.5m

FAIRING SEP SYSTEM

Pneumatic Unlocking, Springs

STAGE 2

PROPULSION

1x Rutherford Vacuum Engine

THRUST

5800 LBF Vacuum

ISP

343 Sec

INTERSTAGE

SEPARATION SYSTEM

Pneumatic Pusher

STAGE 1

PROPULSION

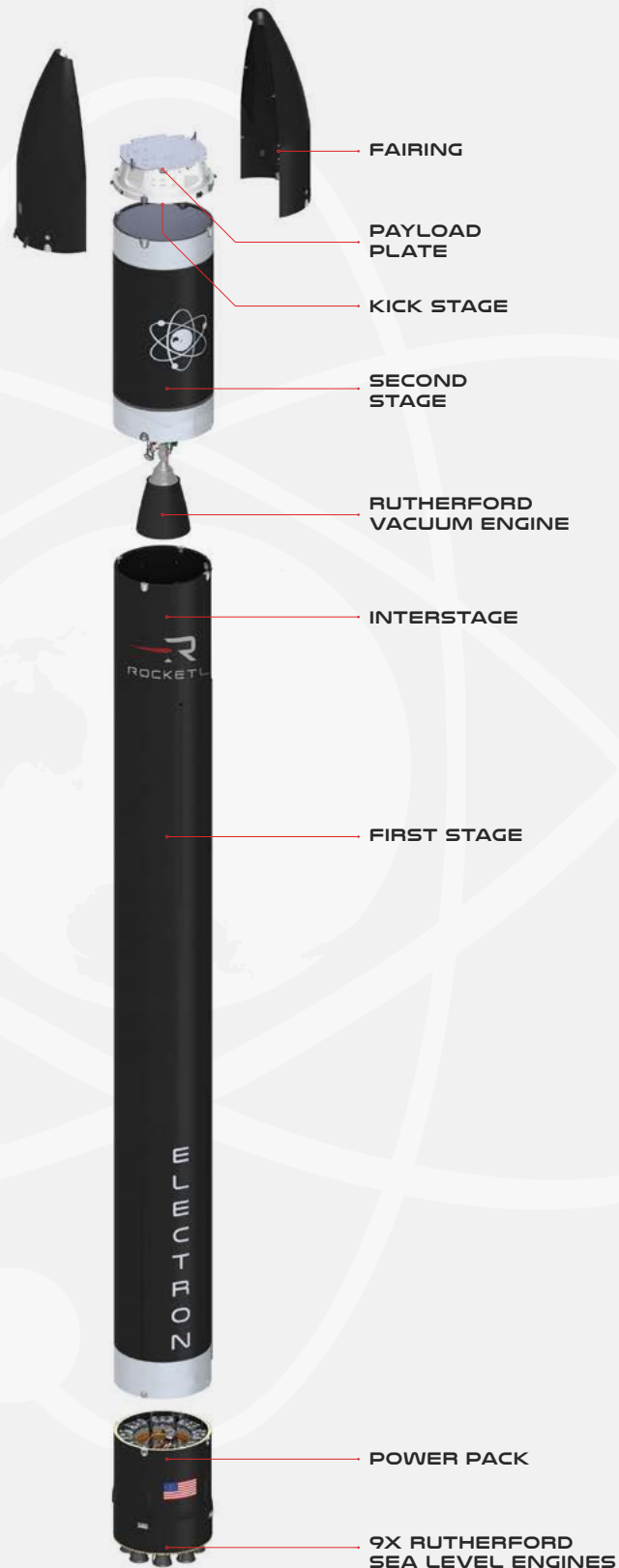
9x Rutherford Sea Level Engines

THRUST

5600 LBF Sea Level (Per Engine)

ISP

311 Sec



MISSION PATCH ANATOMY

'IoT 4 You and Me'

Reference to Kinéis' end-to-end IoT (Internet Of Things) connectivity.

IoT Level 4 represents a significant shift in data handling and analysis within Internet of Things systems.

Eiffel Tower symbolizing France, Kinéis' country of origin.





Electron launch vehicle.

Five stars symbolize the five payloads on board this mission.


Four out of the five missions for Kinéis.


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