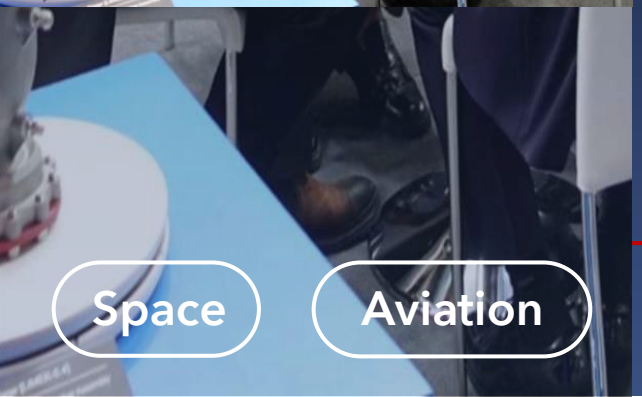

About

CSHARK SRL operates in the aerospace and AI sectors, specializing in IoT communication and satellite technology.
Founded in 2018, the company developed PONGO, an integrated development environment, and later expanded into hardware/software infrastructures that enable data transmission without an internet connection.
CSHARK's Andromeda® nodes ensure seamless communication via satellite to the Perseus® ground station and the Pongo® control platform, providing global coverage for IoT networks.

8
YEARS OF EXPERIENCE

1 mln€
PRODUCTION SITES

6
FOREIGN OFFICES/ BRANCHES: Brasil, Nottingham, 2 in USA, Canada, Japan

Products & Services

- PILOT – 2P picosatellite; and the CubeSat version ANT-1
- PONGO – development environment
- ANDROMEDA – IoT connectivity node
- PERSEUS – ground station & tracking antenna
- EPS, for PocketQube and CubeSat
- ADCS, with magnetorquers and reaction wheels
- Three types of radios: KIM, KORA, and KOBE
- Batteries for CubeSat and PocketQube
- OBC (On-Board Computer)
- I/O Board
- Particle detectors, for both aerospace and non-aerospace use
- Solar panels, for both CubeSat and PocketQube
- Four types of antennas: UHF dipole 144–438 MHz, UHF monopole 868/915 MHz, S-band 2.4 GHz, and GNSS patch antenna
- Mechanical and electronic design, development, and testing of hardware solutions for satellites. CShark also offers the possibility to manage stratospheric balloon launch missions for testing purposes.

References

- Università La Sapienza
- Università di Bologna
- Universita' di Padova
- Centro di ricerca IIT
- Associazione imprenditoriale di categoria Confindustria
- Centro di ricerca INFN
- Associazione imprenditoriale di categoria ASI
- Associazione imprenditoriale di categoria ESA
- Universita' di Nottingham
- Universita' di Montreal
- Politecnico di Milano
- Universita' di Modena e Reggio nell'Emilia
- Universita' di Parma
- PICOSATS
- SMART IR
- GORILLA LINK
- Università La Sapienza di Roma e CNR IMEM e CNR-ISOF
- Università Mediterranea di Reggio Calabria
- Prefettura di Ibaraki
- Innospace
- Uarx
- Miprons
- Moov 3
- EGICON
- We Are Forma

Main Markets

- Europe
- South Korea
- Canada
- North America
- South America
- Japan

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