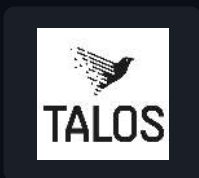


NEWSPACE MARKET · COMPANY PROFILE



TALOS GmbH

Germany · founded 2022 · talos-space.de

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PRODUCTS

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SERVICES

newspacemarket.com/companies/talos/

as of 20 August 2026



TALOS GmbH

TALOS was founded in 2022 in Munich with a clear mission: to make satellite-based IoT technology accessible, scalable, and ready for real-world use. Building on the scientific foundation of the ICARUS initiative of the Max Planck Society, the founders combined years of experience in RF engineering, satellite communication, and business development to create a new kind of data infrastructure company. What began as a vision to miniaturize and simplify wildlife tracking has evolved into a platform for global movement intelligence. TALOS integrates ultra-light IoT tags, a dedicated satellite constellation, and data delivery into one seamless system, bringing movement data from the field directly into the hands of those who depend on real-time foresight. The company works closely with the Max Planck Society and the ICARUS initiative, whose pioneering work in wildlife telemetry laid the groundwork for TALOS' approach to scalable satellite IoT. In 2023 TALOS won the DLR CubeSat competition and signed a 4-year cooperation agreement with the Max Planck Society for the ICARUS 2.0 programme. In 2026, the RAVEN microsatellite successfully launched on a SpaceX Falcon 9 from Vandenberg, marking a key milestone for the constellation.

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SERVICES

Services

Agriculture & Livestock Tracking Offers satellite-based tracking for livestock to monitor location, movement, and environmental conditions, helping farmers optimize productivity and animal welfare.	Environmental & Climate Intelligence Collects movement and environmental data using sensors to understand climate and environmental changes, complementing existing Earth data networks.
Logistics & Asset Tracking Provides global, independent tracking for assets and supply chains, ensuring secure and energy-efficient monitoring without relying on terrestrial networks.	Wildlife Tracking Provides global monitoring of wildlife using satellite-based IoT tags to track migration patterns and habitat changes for conservation and biodiversity programs.

Product catalogue



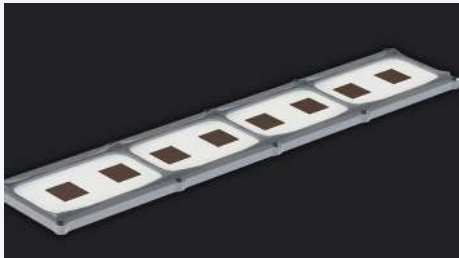
TALOS GMBH

ECHO Software Defined Radio (SDR)

Versatile software-defined radio module for satellite IoT signal reception and processing in LEO CubeSat payloads.

Type	Software-defined radio (SDR)
Function	LEO satellite IoT signal reception and processing
Architecture	Reconfigurable software-defined
Platform compatibility	1U–3U CubeSats
Flight heritage	RAVEN microsatellite, TALOS-I constellation (ICARUS 2.0)

price on request



TALOS GMBH

S-Band IoT Antenna Array

Flight-ready S-band antenna array for satellite-based IoT communication in demanding space environments.

Frequency	S-band
Application	LEO satellite IoT signal reception
Environment	Space-qualified for LEO operations
Flight heritage	RAVEN microsatellite (launched 2026 on SpaceX Falcon 9)

price on request



TALOS GMBH

TALOS IoT Tag

Ultra-compact, energy-efficient IoT tracking tag for wildlife, agriculture, and logistics applications via satellite.

Communication	UHF uplink to LEO satellite constellation
Positioning	GPS
Sensors	Multi-axis accelerometer, customizable interfaces
Applications	Wildlife tracking, agriculture, logistics, environmental monitoring
Network	TALOS RAVEN/TALOS-I CubeSat constellation
Coverage	Global (including oceans and polar regions)

price on request

Contact TALOS GmbH

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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