

NEWSPACE MARKET · COMPANY PROFILE



Fossa Systems

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as of 20 August 2026



Fossa Systems

Fossa Systems, headquartered in Madrid with a second office in Lisbon, Portugal, builds an end-to-end satellite Internet of Things (IoT) system spanning space, ground, and device hardware. The company designs and operates its own constellation of nanosatellites to provide global IoT connectivity, even in remote regions with no cellular coverage. On the ground segment, Fossa offers its Satellite Ground Station product — a turnkey installation (starting at €200k) supporting UHF and S-band frequencies via Yagi and parabolic antennas, enabling autonomous, remote-operated LEO satellite tracking and communications from anywhere in the world. At the edge, the FOSSA Nexus is a modular IoT device and gateway offering hybrid connectivity across FOSSA's own SatIoT network, GSM, NB-IoT, and LoRa. It can run on internal batteries or an optional solar panel, is protected against dust, rain, and adverse weather, and connects to a wide range of external sensors for humidity, CO2, voltage, pressure, and other parameters. Fossa also offers Satellite Infrastructure services, providing turnkey nanosatellite missions covering satellite manufacturing, testing, and launch integration for customers who need dedicated space infrastructure rather than shared constellation access. The company serves energy & utilities, infrastructure & construction, logistics, oil & gas, smart farming, and national security & defence customers, and has received support from Spain's ICEX Next program and EU NextGenerationEU recovery funding for projects including HERMESS, TRITON, and NESE.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Connectivity Services

FOSSA provides reliable connectivity services, bridging gaps in cellular coverage and offering global satellite connectivity for IoT devices.

Infrastructure Monitoring Solution Development

FOSSA partners with clients to develop dedicated infrastructure monitoring solutions, leveraging advanced technology for structural integrity and operational efficiency.

Product catalogue



FOSSA SYSTEMS

Dedicated Infrastructure for Satellite Deployments

FOSSA Systems offers dedicated infrastructure and expertise for ad-hoc missions, IoT, or pre-configured payload satellite deployments, covering testing, integration, and launch sol

price on request



FOSSA SYSTEMS

FOSSA Ground Station

The FOSSA Ground Station provides a comprehensive end-to-end solution for Low Earth Orbit (LEO) satellite operations, offering versatile support for multiple frequency bands and re

price on request



FOSSA SYSTEMS

FOSSA Nexus IoT Gateway

Modular IoT device and gateway with hybrid satellite/GSM/NB-IoT/LoRa connectivity, solar or battery powered, weatherproofed for global remote sensor deployments.

price on request



FOSSA SYSTEMS

FOSSASat

FOSSASat is a modular and scalable satellite platform designed for secure, accessible, and reliable IoT communications from Low Earth Orbit (LEO), capable of carrying custom payloa

Power generation capacity superior to 30W

price on request

Contact Fossa Systems

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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