

NEWSPACE MARKET · COMPANY PROFILE

XTENTI™

Xtenti

United States · founded 2015 · xtenti.com

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newspacemarket.com/companies/xtenti/

as of 20 August 2026



Xtenti

Xtenti, LLC is a space logistics company established in late 2015 that designs, develops, and qualifies hardware enabling more affordable and responsive access to space. The company's core products, the FANTM-RiDE dispenser family and FANTM-RAiL deployer family, allow launch providers and satellite operators to containerize, reconfigure, and integrate rideshare payloads with greater schedule flexibility than legacy approaches, including the ability to add, replace, or remove payloads within hours of launch. Headquartered administratively in Dallas, Texas, with primary engineering and operations based in Los Angeles, California, Xtenti has patented, developed, qualified, and flown multiple space logistics technologies and has integrated numerous satellites on complex multi-manifest missions. The company operates as a Service-Disabled Veteran-Owned Small Business and has been awarded multiple U.S. Space Force and Air Force SBIR Phase II contracts (totaling over \$5.3 million) to develop long-duration on-orbit storage, pre-positioned payload integration, and rapid responsive-launch capabilities. Xtenti's name derives from the Latin 'extenti,' meaning 'reaching forward,' reflecting its focus on paradigm-shifting logistics solutions intended to increase launch flexibility, lower mission risk, and stabilize launch schedules for the small satellite market. Notable public work includes a 2023 collaboration with Firefly Aerospace to fly the FANTM-RiDE dispenser on the Elytra orbital vehicle in support of a responsive space demonstration for the National Reconnaissance Office (NRO).

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

Rapid Dispenser Hotswap (RDH)

Xtenti offers rapid hot-swapping of entire Dispensers between launch vehicles using a common interface.

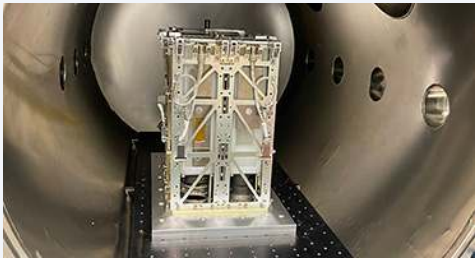
Rideshare Rapid Reconfiguration (R3)

Xtenti enables rapid reconfiguration of rideshare payloads without changing coupled loads dynamics, enhancing operational flexibility.

Total Mission Integration

Xtenti offers comprehensive integration services for small satellites, ensuring seamless deployment and operational flexibility.

Product catalogue



XTENTI

FANTM-RAiL

A lightweight, minimalist satellite deployer for payloads up to 60 kg, usable standalone or integrated within a FANTM-RiDE dispenser.

Maximum payload mass	60 kg
Interface types	Railed and tabbed configurations, multiple sizes
Deployment record	100% successful in-space deployment (per manufacturer)
Optional protection	Payload shields and FANTM-CAGE enclosures
Qualification	Thermal vacuum (TVAC) and industry-standard qualification testing
Usage modes	Standalone on flat launch interface, or integrated within FANTM-RiDE dispenser

price on request



XTENTI

FANTM-RAiL Deployer

Lightweight, flight-proven smallsat deployer with railed and tabbed interfaces for payloads up to 60 kg.

Payload capacity	Up to 60 kg
Interface	Railed and tabbed interfaces, multiple industry-standard sizes
Compatibility	Stand-alone on flat launch interface, or containerized inside FANTM-RiDE Dispenser
Optional accessories	FANTM-CAGE enclosures and shields for payload protection during processing and launch
Flight heritage	100% successful in-space deployment record across multiple missions
TRL	9 (flight-proven)

flight proven · TRL 9 price on request



XTENTI
FANTM-RiDE

A containerized, tunable-mass rideshare dispenser enabling rapid payload reconfiguration and hotswap capability up to hours before launch.

Capability	Containerized rideshare payload dispensing
Reconfiguration mode	Rideshare Rapid Reconfiguration (R3) – payload hot-swap without altering dispenser dynamic
Interchange mode	Rapid Dispenser Hotswap (RDH) – common interface across launch vehicles
Flight heritage	Selected for Firefly Aerospace Elytra/Alpha responsive space demonstration supporting NRO

price on request



XTENTI
FANTM-RiDE Dispenser

Rideshare dispenser platform enabling responsive launch integration with hot-swappable payloads and deployers.

Interface	Static mechanical, electrical and dynamic-response launch interface
Containerization	Houses FANTM-RAiL deployers or compatible payload containers
Reconfiguration	Rideshare Rapid Reconfiguration (R3) – hot-swap payloads without altering coupled loads dy
Dispenser interchange	Rapid Dispenser Hotswap (RDH) – common interface for fast Dispenser interchange between la

price on request

Contact Xtenti

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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