

NEWSPACE MARKET · COMPANY PROFILE

GENERAL DYNAMICS
Mission Systems

General Dynamics Mission Systems

United States · founded 1954 · gdmissionsystems.com

8

PRODUCTS

2

SERVICES

newspacemarket.com/companies/general-dynamics-mission-systems/

as of 3 September 2026



General Dynamics Mission Systems

General Dynamics Mission Systems is a defense electronics manufacturer and integrator specializing in mission-critical solutions across land, sea, air, space, and cyber domains. The company engineers technology for combat vehicles, ships, submarines, aircraft, spacecraft, and other advanced defense systems. These systems are designed to sense danger, securely share information, and respond to threats. Product lines include radios for communication, encryption products for secure information sharing, and unmanned underwater vehicles for identifying threats. General Dynamics Mission Systems provides mission systems and secure products to defense, civil government, intelligence, and cybersecurity customers. The company has decades of experience in engineering mission-critical systems. It employs more than 12,000 individuals worldwide.

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

Platform & Vehicle Integration

General Dynamics provides leading-edge, highly complex systems integration for land, airborne, and maritime platforms, focusing on C4ISR hardware and software.

Warfighter Training Systems

The company provides innovative solutions and leadership for warfighter training, including live training, training software development, and sustainment.

Product catalogue



GENERAL DYNAMICS MISSION SYSTEMS

APNT Software

General Dynamics’ alternate Position, Navigation and Timing (aPNT) Software provides resilient position, velocity and time (PVT) information when GPS is not available, utilizing tw

price on request



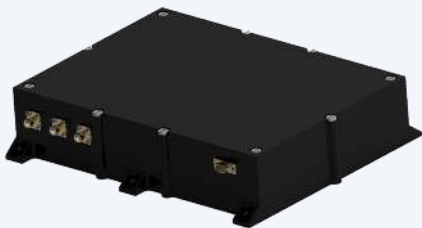
GENERAL DYNAMICS MISSION SYSTEMS

Bedrock Secure Processor

Bedrock is a purpose-built secure processor designed to fulfill U.S. Anti-Tamper and Cyber Survivability requirements to protect weapon systems containing Critical Program Informat

Lower Power Domain	<3 Watts in reduced power mode
Full Power Domain	<10 Watts
Low Power Domain RISC-V processor speed	500 MHz (1000MIPS)
Full Power Domain RISC-V processor speed	800 MHz (6400MIPS)
Low Power Domain eFPGA	50k 6-input Look Up Tables (LUTs), 156KB of BRAMS and 26 DSP slices
Full Power Domain eFPGA	14k 6-input Look Up Tables (LUTs), 128KB of BRAMS, and 16 DSP slices

price on request



GENERAL DYNAMICS MISSION SYSTEMS

ConDR Configurable Digital Radio

The ConDR Configurable Digital Radio supports selectable frequency plans without requiring hardware changes, utilizing FPGAs for signal processing.

price on request



GENERAL DYNAMICS MISSION SYSTEMS

General Dynamics Satellite Ground Terminal — 7.3-Metre Earth Station Antenna

General Dynamics Mission Systems (GDMS) is a US defense and technology company providing advanced mission-critical solutions including satellite communications terminals, ground sy

price on request



GENERAL DYNAMICS MISSION SYSTEMS

Helios Secure Processor IP

Helios Memory Guard (HMG) and Helios Processing Systems (HPS) are designed to defend against physical attacks on secure data through authentication and encryption.

price on request



GENERAL DYNAMICS MISSION SYSTEMS

Immunity Cryptographic IP

Immunity Cryptographic IP cores from Idaho Scientific are designed to protect embedded hardware and firmware by encrypting, decrypting, and authenticating information.

price on request



GENERAL DYNAMICS MISSION SYSTEMS

Ring of Fire Multi-Level Switching Security Solution

Ring of Fire is designed for satellite buses hosting diverse payloads with different security levels/categories that need simpler integration solutions and methods to reduce SWaP-C

price on request

GENERAL DYNAMICS MISSION SYSTEMS

Satellite Bus and Space Systems

General Dynamics Mission Systems' advanced satellite buses, space electronics, and command-and-control systems for US government and DoD space programs.

Key program	MUOS satellite bus (5 UHF SATCOM satellites for US military mobile forces)
Ground systems	EPOCH (Space Control software), GPS OCX ground control, mission planning
Classified programs	Intelligence, reconnaissance, signals intelligence space systems (details classified)
Technology	Satellite bus, space-qualified avionics, payload electronics, C2 software
HQ	Scottsdale, AZ / Fairfax, VA (division of General Dynamics Corporation)

price on request

Contact General Dynamics Mission 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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<https://gdmissionsystems.com/>

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