

NEWSPACE MARKET · COMPANY PROFILE

KRATOS

Kratos Defense & Security Solutions

United States · founded 1994 · kratosdefense.com

11

PRODUCTS

3

SERVICES

4

WITH DATASHEETS

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as of 20 August 2026



Kratos Defense & Security Solutions

Kratos Defense & Security Solutions is a publicly traded American defense technology company founded in 1994 and headquartered in San Diego, California. The company develops and manufactures advanced systems for the U.S. Department of Defense and allied governments across unmanned systems, satellite communications, and electronic warfare domains. Kratos' space and satellite division provides commercial satellite ground systems, satellite network management software, modems, and test equipment to satellite operators and defense customers worldwide. The company's OpenSpace platform enables software-defined satellite ground systems used by commercial GEO and LEO satellite operators. In unmanned systems, Kratos is known for its high-performance, low-cost unmanned aerial target drones including the XQ-58A Valkyrie tactical unmanned aircraft developed in partnership with the U.S. Air Force. These jet-powered unmanned systems are relevant to space domain awareness and testing of counter-space and hypersonic defense systems. With approximately 3,500 employees, Kratos serves the full spectrum of U.S. military customers and international defense programs, bringing a combination of proprietary technology, systems engineering, and low-cost production to complex national security programs.

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

Engine Design & Engineering Services

Kratos provides advanced engineering, testing, and material solutions for military and commercial engines, space propulsion, and industrial power-producing applications.

Rapid Prototyping and Test & Evaluation for Aerial Systems

Kratos provides rapid prototyping, from clean-sheet design to manufacturing, vehicle integration, and test and evaluation for full-scale aerial targets and unmanned aerial systems.

Software Development

Kratos provides software development for GOTS, COTS, and custom solutions, with personnel trained in all phases of the software development lifecycle.

Product catalogue



KRATOS DEFENSE & SECURITY SOLUTIONS

Fixed GEO Earth Stations

Kratos offers a range of fixed earth station antennas from 3.5m to 18m, configurable for receive-transmit or receive-only operations, providing high electrical performance and vers

Aperture Range	3.5 - 18.3 m
Frequency Bands	L-, S-, C-, X-, Ku-, K-, Ka-, Q/V-band (varies by model)
Mount Types	Pedestal, kingpost tripod, high-wind, turning head, extended azimuth
Operating Mode	Receive-transmit or receive-only
Application	Fixed GEO satellite earth stations / teleports

price on request [datasheet](#)



KRATOS DEFENSE & SECURITY SOLUTIONS

Fixed LEO/MEO Antenna Systems

Kratos Fixed LEO/MEO Antenna Systems are precision-engineered ground antennas designed for stable, high-throughput links to LEO and MEO satellite constellations.

Model	3.5m LEO Satcom Antenna
Aperture	3.5 m
Radome	None (open-air design)
Controller	Kratos NGC2 Antenna Controller
Application	LEO/MEO constellation ground stations

price on request [datasheet](#)



KRATOS DEFENSE & SECURITY SOLUTIONS

Kratos 2.4m Nomadic Antenna

A highly flexible 2.4-meter nomadic antenna system designed for various satcom bands and configurations, available with one-, three-, or nine-piece reflector panels and motorized o

Reflector Diameter	2.4m
Reflector Panel Options	One-, Three-, and Nine-piece
Motorization	Motorized and non-motorized axes
Mount Types	Pedestal, Tactical and Mobile Mounts
Shippable Version	Eight-case ISO shippable
Feed Systems	Interchangeable for L-, C-, X-, Ku-, K-, Ka-, and Q-bands, low PIM capable
Reflector Material	Lightweight carbon fiber panels, honeycomb core, carbon fiber skin

price on request



KRATOS DEFENSE & SECURITY SOLUTIONS

Kratos 2.5m Nomadic Antenna

A highly flexible 2.5-meter nomadic antenna system designed for various satcom bands and configurations, available with a one-piece reflector panel and motorized or non-motorized a

Reflector Diameter	2.5m
Reflector Panel Options	One-piece
Motorization	Motorized and non-motorized axes
Mount Types	Pedestal, Tactical and Mobile Mounts
Shippable Version	Eight-case ISO shippable
Feed Systems	Interchangeable for L-, C-, X-, Ku-, K-, Ka-, and Q-bands, low PIM capable
Reflector Material	Lightweight carbon fiber panels, honeycomb core, carbon fiber skin

price on request



KRATOS DEFENSE & SECURITY SOLUTIONS

Kratos 3.9 Meter Trifold™ Transportable Satellite Antenna System

A transportable satellite antenna system designed for worldwide use in data, voice, and communications networks, offering high quality and dependable antenna platform.

Optics Type	Dual Reflector Gregorian
Reflector Construction	Dual Piece Aluminum Spinning
Reflector Segments	3
Mount Configuration	Elevation over Azimuth Heavy Duty Positioner
Antenna Pointing Range, Elevation	5-90° (NOMINAL)
Antenna Pointing Range, Azimuth	±146° from Center (NOMINAL)
Polarization	±90°

price on request



KRATOS DEFENSE & SECURITY SOLUTIONS

Kratos 4.6 Meter Trifold™ Transportable Satellite Antenna

A transportable satellite antenna system designed for worldwide use in data, voice, and communications networks, offering broad adjustments for non-critical positioner/trailer orie

Optics Type	Dual Reflector Gregorian
Reflector Construction	Dual Piece Aluminum Spinning
Reflector Segments	3
Mount Configuration	Elevation over Azimuth Heavy Duty Positioner
Antenna Pointing Range, Coarse/(Continuous) Elevation	5-90° (NOMINAL)
Antenna Pointing Range, Coarse/(Continuous) Azimuth	±146° from Center (NOMINAL)
Polarization	±90°

price on request



KRATOS DEFENSE & SECURITY SOLUTIONS

Kratos KPBESA40M.C2 4.0 Meter Earth Station Antenna

A 4.0 meter low-cost Earth Station Antenna with high gain and exceptional pattern characteristics, designed for television broadcast and telecommunications networks.

Optics Type	Dual Reflector Gregorian
Reflector Material	Precision-Formed Aluminum
Reflector Segments	6
Mount Type	El over Az, Optional Manual or Motorized Mount
Antenna Pointing Range, Coarse (Elevation)	0-90o (90o) (NOMINAL)
Antenna Pointing Range, Coarse (Azimuth)	180o (120o) (NOMINAL)
Polarization Range	180o (180o)

price on request



KRATOS DEFENSE & SECURITY SOLUTIONS

Kratos MILSAT KPBESA40MLQD.C2 4.0 Meter Light Quick Deploy Antenna

A highly flexible 4.0 meter light quick deploy antenna system designed for multi-band satellite communication, featuring a carbon fiber reflector and available in motorized or non-

Reflector Diameter	4.0 Meter
Reflector Material	Carbon Fiber
Reflector Segments	Nineteen Panels
Feed Type	Axisymmetric Gregorian dual optics
Mount Type	El over Az Pedestal
Azimuth Pointing Range	± 60° Continuous (NOMINAL)
Elevation Pointing Range	0° to 90° of Boresight (NOMINAL)

price on request



KRATOS DEFENSE & SECURITY SOLUTIONS

Kratos NOMADIC MILSAT 4.0 Meter Carbon Fiber Antenna

A highly flexible 4.0-meter carbon fiber antenna system designed for various satcom bands and configurations, available in motorized or non-motorized versions.

Reflector Diameter	4.0 Meter
Reflector Material	Carbon Fiber
Reflector Segments	Nineteen panels
Feed Type	Axisymmetric Gregorian dual optics
Mount Type	El over Az Pedestal
Azimuth Pointing Range	±150° Continuous (NOMINAL)
Elevation Pointing Range	0° to 90° of Boresight (NOMINAL)

price on request



KRATOS DEFENSE & SECURITY SOLUTIONS

Tactical Antenna Systems

Kratos' Tactical Antenna Systems are state-of-the-art earth station satcom antennas ranging from 2.4m to 4.0m, designed for mission-critical applications.

Aperture Range	2.4 - 4.0 m
Models	2.4m/2.5m Nomadic Earth Station Antenna; 4.0m Nomadic Carbon Fiber Earth Station Antenna;
Feed Configuration	Customer-selectable transmit/receive feed assemblies
Application	Tactical / field-deployable satcom terminals

price on request

[datasheet](#)



KRATOS DEFENSE & SECURITY SOLUTIONS

Transportable Antenna Systems

Kratos' transportable earth stations are designed for maximum transportability, quick setup, versatility, and high performance in mission-critical satellite communication applicati

Models	3.9m Trifold Transportable Antenna; 4.6m Trifold Transportable Antenna
Reflector Design	Trifold (fold-out segmented reflector)
Application	Mobile / rapid-deployment satcom ground terminals

price on request [datasheet](#)

Contact Kratos Defense & Security Solutions

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.

<https://newspacemarket.com/companies/kratos-defense-security-solutions/>

<https://www.kratosdefense.com>

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