

Antenna Solutions from the Ground Up



End-to-End Ground Systems

Kratos provides full end-to-end ground systems that offer assured seamless satellite operations and a single point of contact for all project needs. This simplifies project communication, accelerates timetables, and minimizes risk by reducing the number of involved parties in the project.

With experience spanning over 50 years, Kratos has a long history of turnkey earth station deliveries around the world, from site builds to system upgrades. Kratos is one of the few organizations in the industry that can build the physical earth station site as well as provide all the necessary management systems for these applications and more:

- Satellite Telemetry, Test and Control (TT&C) and In Orbit Test (IOT)
- Monitoring and Control (M&C)
- Carrier System Monitoring (CSM)
- Communications Gateways
- VSAT Systems
- Broadcast and headends (DTH and contribution)

Complete teleports that include the physical earth station as well as the management systems can be built to scale. Kratos provides the capability for multiple complex locations to be constructed simultaneously.



To learn more about Kratos' antenna solutions, end-to-end ground systems and related products, visit bit.ly/Turnkey-Ground-Station

The Complexity of Multiple Earth Station Builds

Supporting:

- High Throughput Satellites
- Multiple Gateways and Beams
- Flexible Bandwidth Requirements
- Proliferated Constellations

Experience with:

- Network of Gateways
- Simultaneous Deployment in Multiple Countries
- Innovative Architectures

Delivering Solutions On Time and on Budget





Any Frequency. Anywhere.

Kratos designs and manufactures antenna systems that meet the high performance, accuracy, and high reliability needs of demanding satellite tracking applications and mission-critical uplink and downlink applications. The newly expanded portfolio includes transportable and fixed earth station antennas ranging from 3.5-meter to 18-meter in diameter, radar antennas for air traffic control and weather applications, and High-Frequency (HF) and specialty antennas delivering a broad range of capabilities for the government, military, broadcasters, and integrators worldwide.

Kratos' WGS certifiable antenna products are made in North America and provide one of the broadest offerings on the market covering:

- All Sizes: 2.4 -18 Meters in Diameter
- All Orbits: GEO, MEO, and LEO
- All Missions: Fixed Site, Transportable, and Tactical
- All Frequencies: UHF, L, S, C, X, Ku, K, Ka, Q and V Bands

Industry-Leading Tracking Mobility & Control

Kratos antenna systems offer many features that provide lower operating and maintenance expenses and scalable, secure, reliable service. Highly engineered antennas combined with a multi-functional controller result in dependable, consistent performance you can trust.

Key Features:

- Patented Sub-Reflector Technology allows for tracking within 1/1000th of a degree without moving the main reflector
- Modularity design ethos for interchangeable parts across antennas
- Multi-functional Next Generation Controller (NGC2) includes scheduler/deconflictor automation



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Earth Station Antennas
bit.ly/Earth-Station



Specialty Antennas
bit.ly/Specialty-Antennas



High Frequency Antennas
bit.ly/HF-Antennas



Radar Antennas
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