

Encoders for
GOVERNMENT & AEROSPACE



**MISSION CRITICAL
MOTION FEEDBACK**

Encoders for Government & Aerospace

EPC is the trusted manufacturer of military-grade precision encoders for defense, aerospace, and government applications since 1969. As one of the largest defense subcontractors in the United States, and the largest in Idaho, we help customers de-risk critical programs through a secure, vertically integrated U.S. manufacturing operation, proven quality systems, and industry-leading lead times. Trusted by leading prime contractors, EPC delivers millions of configurable encoder solutions with the reliability, responsiveness, and production capacity required for mission-critical applications.

MISSION-CRITICAL MOTION FEEDBACK

Missile Systems & Guidance

- Dependable motion feedback for guidance mechanisms, ensuring accuracy, reliability, and precision.

Directed Energy & Laser Communications

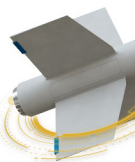
- High-resolution motion feedback for beam steering, optical positioning, and precision control systems, helping ensure reliable performance in advanced defense and aerospace applications.

Gimbals & Targeting Systems

- EPC encoders deliver high-resolution position and speed feedback for gimbals, assemblies, electro-optical systems, and targeting platforms, ensuring reliable performance in land, air, naval and space applications.

Robotics & Autonomous Systems

- High-resolution motion feedback for mobile systems, ensuring precise positioning and delivering reliable performance.



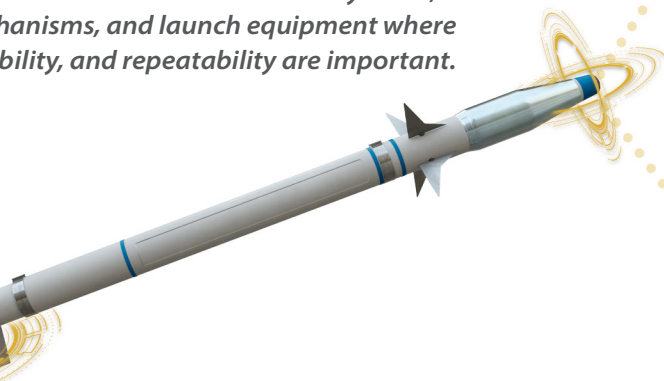


Space & Satellite

- Support for satellite positioning, ground station antennas, solar array positioning, and other critical aerospace systems with dependable motion feedback designed for long service life and mission-critical performance.

Guided Ordnance

motion feedback for actuator systems, mechanisms, and launch equipment where stability, and repeatability are important.



Need Help Choosing the Right Encoder?

EPC helps match the right encoder technology to your application — learn more about our custom encoders.



Radar & Antenna

- Precise angular feedback for antenna positioning, radar rotation, and elevation control, enabling consistent performance in demanding operational environments.

eed feedback for gimbal platforms, ensuring smooth, applications.

Autonomous Systems

ion feedback for unmanned ground vehicles (UGVs), autonomous systems, robotic manipulators, and automated defense equipment, the accuracy and reliability required for mission success.

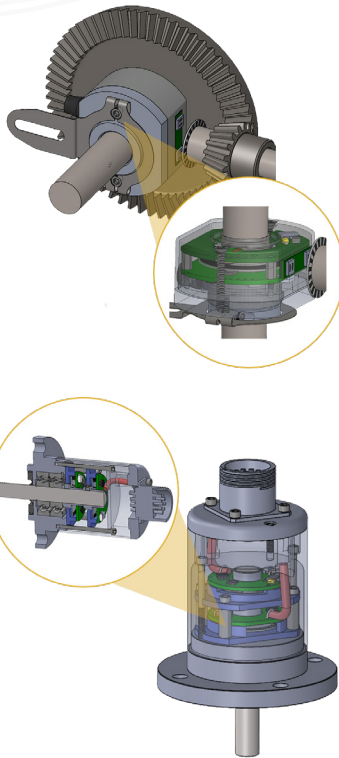


COTS to Custom

Fast response engineering and design support from concept to production — custom engineered built to fit your application, system, and performance requirements.

When standard products aren't the right fit, EPC works with you to develop a custom encoder solution tailored to your application requirements. Our team focuses on delivering cost-effective custom designs that fit both your system requirements and your budget, backed by responsive engineering support and full in-house manufacturing capabilities.

- More than 1,000 custom engineering projects completed
- Dedicated in-house engineering team focused on customer-driven solutions
- Vertical integration with full in-house manufacturing capabilities
- Custom machining, connectors, discs, and mounting configurations
- Custom electrical systems, signal outputs, and firmware options available
- Inventory planning and private labeling support
- Transparent pricing and responsive communication throughout the process
- Standard lead times apply to the majority of custom builds



***Engineers that are ready to work with you.
Contact our team to get started!***

We will work with you through planning and production to ensure your encoder is the perfect solution. Our engineers are ready to help — no matter the challenge or application.

CONTACT US



The EPC Advantage



Secure Your Supply Chain



100% On-Time Delivery



Gain a True Engineering Partnership

**encoder.com/gov
1-800-366-5412
sales@encoder.com**



CAGE: 3136
HubZone Certified
CMMC Level 2 in 2026
ITAR