

EVERAXIS®

Standard & Custom Rotating Solutions

Reliable solutions
for challenging
environments



SLIP RING & TWIST CAPSULE MRO SERVICES

Repair | Refurbishment | Replacement | Reverse Engineer

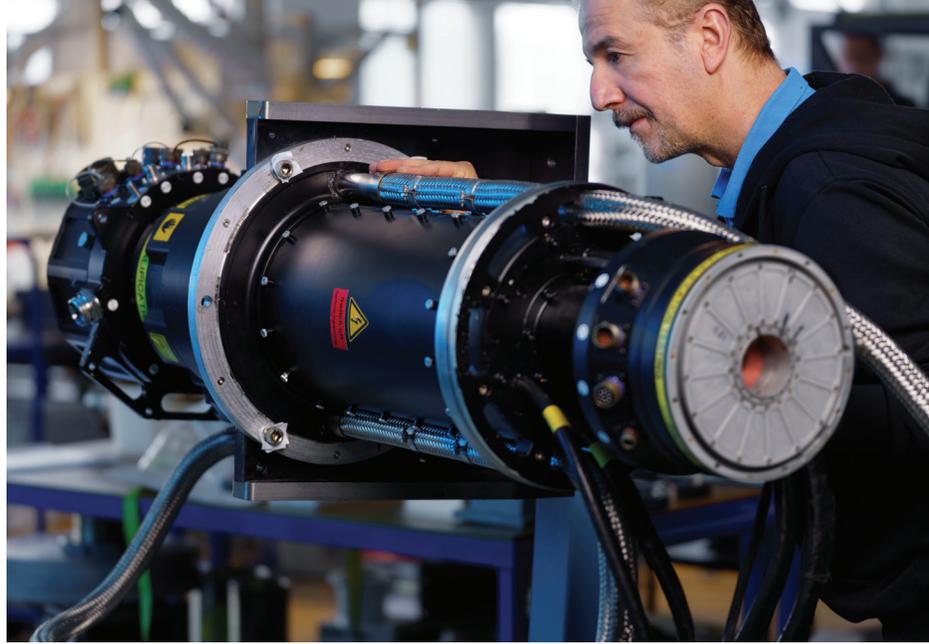


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Industry Recognized Expert

Everaxis USA is a trusted partner for high-performance Maintenance, Repair & Operations (MRO) support of slip rings and twist capsules operating in the most demanding environments. Backed by over 65 years of experience in mission-critical applications, we help customers quickly restore system performance, extend equipment life, and dramatically reduce costly unplanned downtime.



Our proven expertise goes beyond standard repair. Everaxis USA successfully reverse-engineered a competitor's complex radar slip ring for a U.S. Air Force program, executing the complete design, repair, and qualification cycle and delivering fully operational units in less than one year. The program received exceptional performance ratings from the Air Force, validating our ability to solve complex challenges, meet aggressive timelines, and deliver results when mission success matters most.

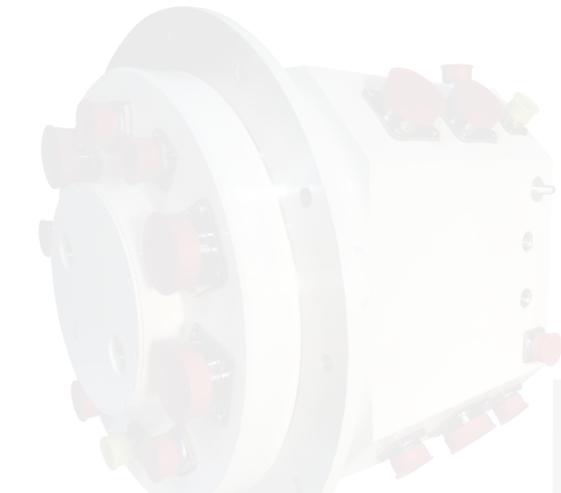
Why Slip Ring MRO Matters

Slip rings are critical components for transmitting power, signals, and data between stationary and rotating systems. Over time, wear, contamination, vibration, and electrical stress can lead to failures that impact production, safety, and equipment availability.

A proactive slip ring maintenance and repair program can extend operating life, reduce replacement costs, and prevent costly downtime events.

What You Get with Everaxis USA MRO

- ✓ Less downtime
- ✓ Lower total cost of ownership
- ✓ Longer operating life
- ✓ Reliable power + signal transmission
- ✓ Practical recommendations you can act on
- ✓ Best in class slip ring TAT
- ✓ Solutions for DMS

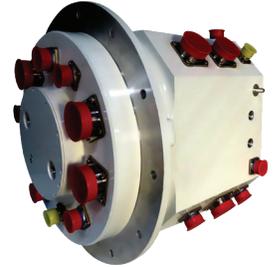
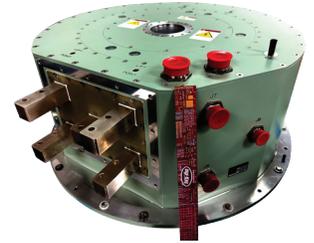


Everaxis USA MRO Capabilities

REPAIR & REFURBISHMENT

Restore performance and reliability through OEM-grade processes:

- Ring surface restoration/reconditioning
- Brush replacement and brush holder repair
- Cleaning and contamination removal
- Hardware replacement (springs, terminals, wiring, seals)
- Mechanical repairs as needed (fit-up, alignment, interfaces)



REPLACEMENT & REVERSE ENGINEERING SUPPORT

If repair isn't viable or lead times are critical:

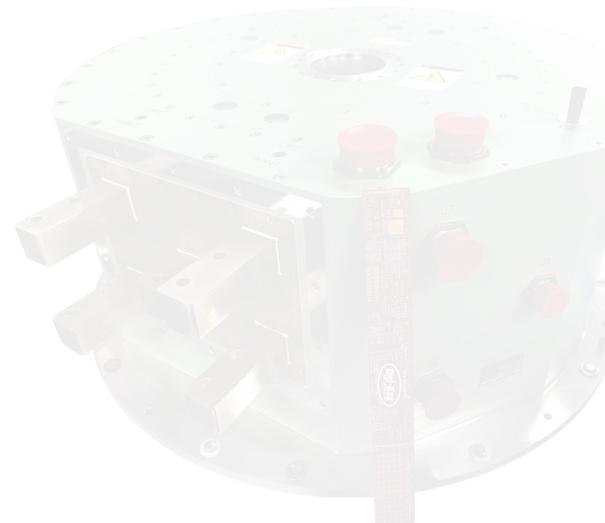
- Diminishing Manufacturing Sources (DMS) are often the primary driver of MRO needs – our reverse-engineering expertise identifies enduring new sources of supply to reduce future risk and extend system life.
- Slip ring replacement planning and cross-referencing
- Drop-in replacement options (when available)
- Upgrade recommendations for improved durability
- Documentation support for maintenance records and procurement



INSPECTION & DIAGNOSTICS

We identify root causes and recommend the best recovery path:

- Electrical testing and continuity checks
- Ring surface inspection & wear evaluation
- Brush condition analysis (material, tension, wear rate)
- Mechanical inspection (bearings, shaft condition, alignment)
- Signal integrity and noise assessment (application-dependent)



Repair vs. Replace

REPAIR / REFURBISH IS IDEAL WHEN:

- Ring surface wear is moderate
- Brushes are worn but housings are intact
- Lead time for replacement is too long
- You want to maximize asset lifespan

REPLACE IS IDEAL WHEN:

- Severe ring damage or overheating occurred
- Critical parts are obsolete or unavailable
- Design upgrade is needed for duty cycle/environment
- Cost-to-repair approaches replacement cost



Ready to reduce slip ring downtime?

Talk to Everaxis USA about your slip ring assembly, symptoms, and operating conditions. We'll recommend the fastest, most reliable path to restore performance.

Everaxis USA – Reliable motion and power transmission support for mission-critical rotating systems.

For more information or to get your MRO Program started, please contact David Occhipinti, Executive Director, Business Development and M&A at (239) 728 8306 or david.occhipinti@everaxis-usa.com.

We are very responsive and will get back to you in a matter of hours, not days!

About Everaxis USA

Everaxis USA is a recognized world-leading designer and manufacturer of customized slip rings and rotating equipment to meet specific customer requirements for the transmission of power, data, optical and RF signals – including integration of RF/FORJ/Fluid. Everaxis USA offers standard products, but our real value is designing a custom solution while minimizing lead time and cost.

Learn more by contacting us at: [+1\(239\) 728 8306](tel:+12397288306) usa.sales@everaxis-usa.com everaxis-usa.com



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