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[\(201\) 460-0510](tel:(201)460-0510)



[Electro-Miniatures Corp.](#)

[Solutions Designed Around You](#)

- [Home](#)

- [About Us](#)
 - [About Us](#)
 - [Execution Excellence](#)
 - [Capabilities](#)
 - [Markets Served](#)
 - [Blog](#)

- [Our Products](#)
 - [Our Products](#)
 - [Small Capsules](#)
 - [Mid-Sized Capsules](#)
 - [Enclosed Signal Thru-Bore](#)
 - [Enclosed Power Thru-Bore](#)
 - [Separates](#)
 - [Other](#)

- [Slip Ring Info](#)
 - [Slip Ring Info](#)
 - [How to Specify a Slip Ring](#)
 - [Case Studies](#)
 - [Insights](#)
 - [Component Integration](#)
 - [Design Capabilities](#)

- [Supplier Info](#)
 - [Supplier Survey](#)
 - [Purchasing Policies](#)
 - [Conflict Minerals](#)
 - [Counterfeit Parts](#)
 - [Obsolescence Policy](#)
 - [Supplier Quality](#)
 - [Terms and Conditions](#)

- [Contact Us](#)
 - [Contact Us](#)
 - [Request a Quote](#)
 - [Careers](#)

High-Performance Slip Ring Assemblies

Seizing the Beachhead

Electro-Miniatures Corp. has designed and manufactured slip rings for demanding defense applications. Our customers are mostly prime defense and aerospace contractors in four key fields: Armored Vehicles, Aircraft Systems, Naval Systems, Space Satellites.

Amphibious Assault Vehicles (AAV's) are the first ashore when the Marines mount an assault for the sea. EMC slip rings are used in many different applications and sizes. Electro-Miniatures can meet the challenge of your custom slip ring requirements. We design, test and manufacture to the most challenging specifications. We worry about the details so you don't have to. Electro-Miniatures is an ISO 9001:2015 registered company. EMC is now a Woman-Owned Small Business.

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Design Capabilities

- Solid Works
- Autocad
- High circuit density
- Pioneered designs

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Component Integration

Designing integrated components that combine the functions of two or more traditionally discrete components

[Learn more](#)

Manufacturing

- Transfer Molding
- Epoxy Casting
- Tool & Die Fabrication

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Specifying a Slip Ring

- Physical dimensions
- Description of circuits
- Operating environment

[Learn more](#)

"That was the best slip ring design experience we've ever had."



Northrop Grumman

"This is the first time we have accepted a prototype slip ring without waivers!"

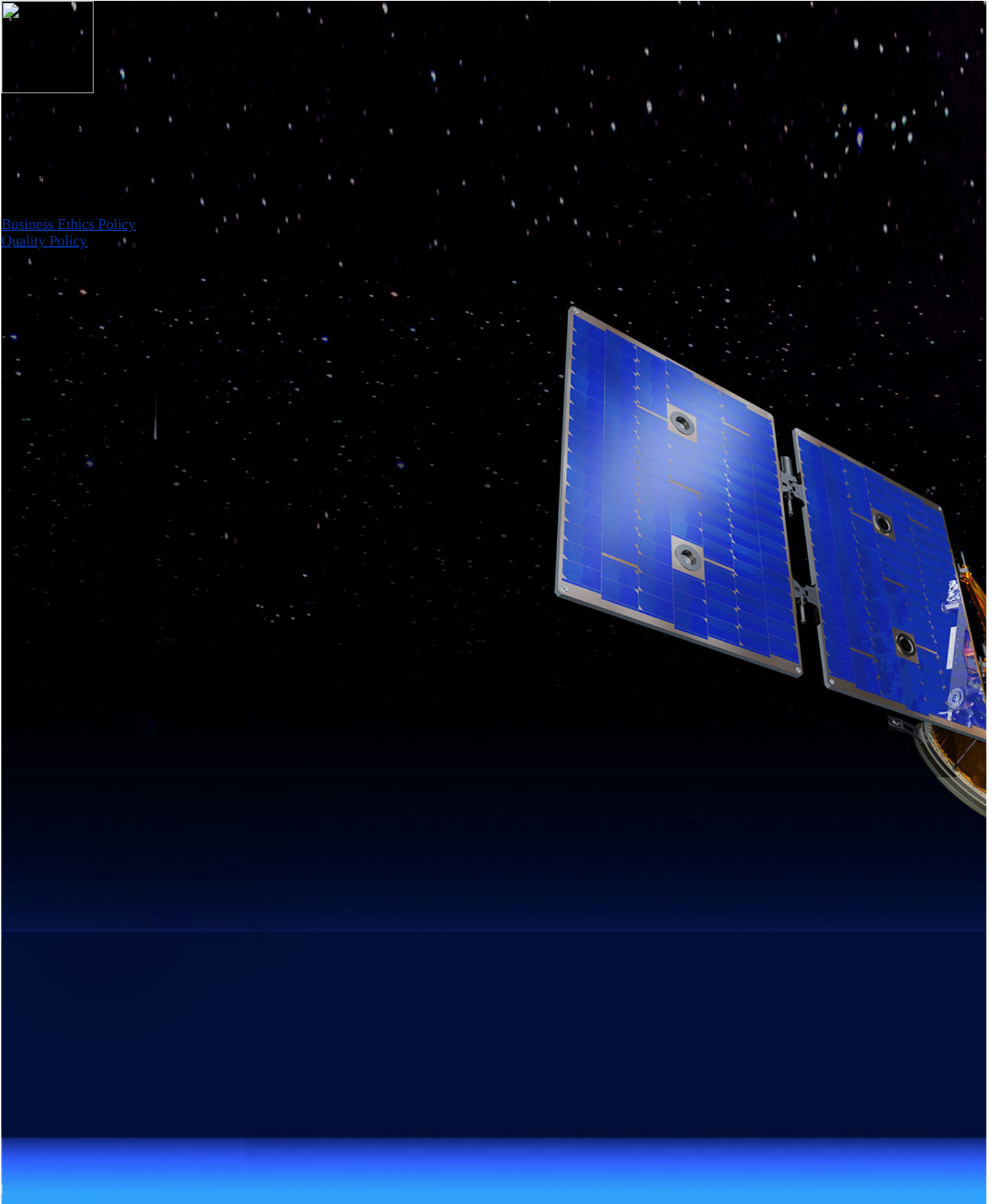


Reliability

EMC was instrumental in developing the RAM Guided Missile Launcher System (Rolling Airframe Missile). US Navy ships employ this system to defend against incoming threats.

[Learn more](#)

Supplier of the Year Award



[Business Ethics Policy](#)
[Quality Policy](#)

Reach for the STARS

EMC slip rings are part of the Solar Array Drive Assemblies (SADA's) for Google Earth Imagery Satellites produced by the Sierra Nevada Corporation.

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Heading Out To Sea

For over 20 years Electro-Miniatures has supplied slip rings for periscopes on US Navy submarines.



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Panasonic eXconnect Broadband Connectivity System

EMC continues to provide hundreds of slip rings to make it possible for airlines and others to offer entertainment, telephone and broadband internet on its flights using system.