



**SPACELOGISTICS**  
A Northrop Grumman Company



# MISSION EXTENSION VEHICLE (MEV)

## Award-Winning Satellite-Life-Extension Servicing Vehicle

The SpaceLogistics MEV delivers life-extension services using a suite of integrated proximity sensors and a simple mechanical docking system to reliably and safely rendezvous and dock with a client satellite running low on fuel, taking over its attitude and orbit maintenance.

With two ongoing commercial missions (MEV-1 in 2020 and MEV-2 in 2021), SpaceLogistics is the first and only company to successfully perform on-orbit satellite servicing of commercial geostationary orbit (GEO) satellites, earning recognition as Via Satellite's "2020 Satellite Technology of the Year," Popular Science's "Best of What's New 2020," and Aviation Week's Laureates Award.

Designed to service multiple client satellites and carrying fuel for a planned 15+ year service life, when a customer no longer requires life-extension service the MEV undocks and proceeds to its next client. The MEV is specifically designed to fit commercial operators' business models and technical requirements with a docking system compatible with nearly 80% of all GEO satellites on orbit today.

### About SpaceLogistics

SpaceLogistics, a Northrop Grumman company, is the global leader in the development and deployment of on-orbit satellite servicing systems and the first and only company performing on-orbit servicing for commercial GEO satellites. Our planned series of vehicles will extend service life, provide enhanced capabilities and enable future missions for a variety of customers.

### Customer Benefits:

- Prolongs revenues by extending satellite life
- Improves financial performance
- Defers capital expenses
- Breaks down barriers to new markets
- Gains flexibility to adapt to changing market conditions
- Redeploys satellites to start new orbital roles
- Protects current revenue streams by creating on-orbit backup
- Protects satellite revenues from procurement delays and launch failures
- Manages risk of transition to new technologies
- Provides recovery option from on-orbit anomalies

*Pioneering the Future of Space*

### Business Contact

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