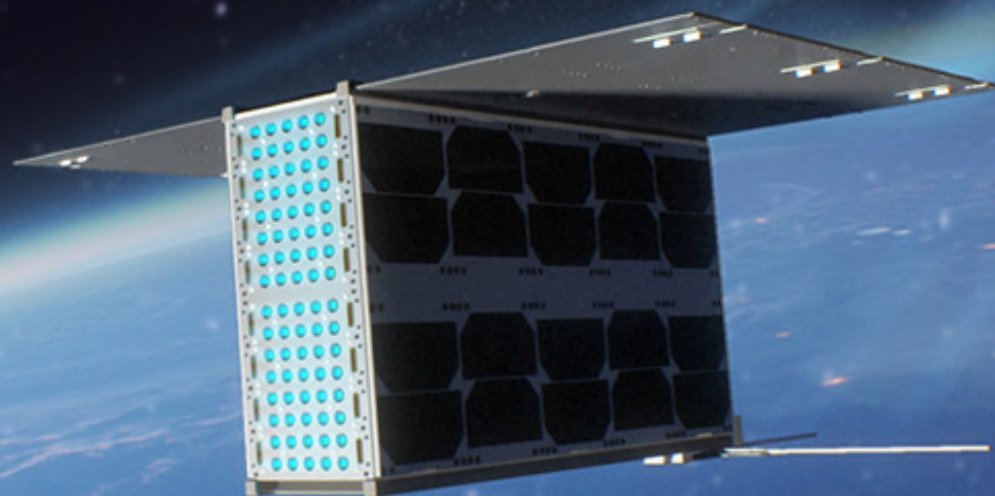


# ACTIVE DE-ORBIT

(Regulatory & End of Life Disposal Compliance)





## **PROBLEM:**

LEO missions must meet 5-year post-mission disposal rules; using just drag can often be too slow.

## **SOLUTION:**

Use GO-2's large total impulse (up to ~12.4 kNs) for an efficient and safe deorbit well within compliance.



## **GO-2 INSIGHTS:**

Ideal for decommissioning satellites ranging from 6U to hundreds of kilograms small sats; satellites can decommission over many months to their desired altitude given the GO-2's long lifetime. If necessary, GO-2's can be stacked with multiple systems per spacecraft for higher  $\Delta v$  if needed.

Next slide →→



## **GO-2 INSIGHTS:**

For example, deorbiting from 500 km:

**100 kg satellite** → **1× GO-2, available:  $\Delta v \approx 124$  m/s**  
(more than 2× what you need).

**200 kg satellite** → **2× GO-2, available:  $\Delta v \approx 124$  m/s**  
(keeps burn time short and leaves ample margin).

**400 kg satellite** → **4× GO-2, available:  $\Delta v \approx 124$  m/s**  
(same healthy margin with faster campaign).

## **GO-2 INSIGHTS:**

GO-2 can stay inactive for years on a satellite – consuming no power, with no propellant leakage, and turned on when needed for decommissioning.





## **GO-2 INSIGHTS:**

Ease of integration into the system – GO-2 is fully contained with all its propellant, electronics, and sensors integrated into the system. One single connector links the GO-2 to the spacecraft; essentially allowing the user to install it and forget it until it's time to decommission.

## **GO-2: PROPELLING MISSIONS,**

By ensuring a timely, active deorbit with GO-2, you avoid costly regulatory penalties, reduce liability, and contribute to a more sustainable orbital environment.

Clearing out decommissioned satellites also frees up space for future deployments and minimizes the risk of collisions within your own constellation.



# **MAXIMIZING RETURNS:**

Meeting end-of-life requirements protects your operations, preserves access to valuable orbits, and reinforces your company's reputation as a responsible space neighbor.