Pioneering last-mile logistics in space

Effective Space deploys and operates a fleet of small SPACE DRONE™ spacecraft to provide docked life-extension services for operators of geostationary satellites.

The platform can position, maintain, monitor and guarantee space assets in orbit and beyond, to further support LEO constellations, debris removal and logistics in space.

SPACE DRONE™ spacecraft:
- Small spacecraft (~400Kg, 1x1x1.25m)
- Non-intrusive robust docking system
- Full control of host satellite’s manoeuvres
- Highly efficient electric propulsion
- Capable of multiple missions (up to 15 years)

“The ability to safely and cooperatively interact with satellites in GEO would immediately revolutionise military and commercial space operations alike, lowering satellite construction and deployment costs and improving satellite lifespan, resilience, and reliability.”

DARPA

w: http://effective.space/  
E: info@effective-space.com
Insured services include:

- Station-keeping and attitude-control
- Relocation and deorbiting
- Inclination and orbit correction
- ‘Bringing into use’ (BIU)

Benefits for satellite operators:

- Flexible fleet management
- Reduced capital expenditure
- Low-risk business growth into new markets
- Unlocking revenues beyond ‘end-of-fuel’

“In-orbit servicing is an entirely new market, ripe for growth, providing the satellite industry with an attractive value proposition in an environment of falling capacity prices, rapid technology changes, and uncertainty in CAPEX.”

Northern Sky Research

Effective Space is headquartered in the United Kingdom. The team holds decades of small satellite design and operations expertise, supported by a secure ecosystem of leading suppliers.

Effective Space’s first signed contract will see two SPACE DRONE™ spacecraft being launched in 2020 to extend the life of two communications satellites in orbit.

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