



Positioned on strategic high ground of space



SPACE SITUATIONAL AWARENESS FOR THE BATTLEFIELD COMMANDERS



DISTINCT MILITARY ADVANTAGE WITH SPACE SITUATIONAL AWARENESS.

Today EOS uses Australian developed technology to produce these highly accurate real-time intelligence products leveraging EOS' own catalogue of over 20,000 objects in space with other commercial sources to determine key attributes such as ownership, asset capabilities and orbital characteristics. Information is checked twice daily using EOS' Australian network of ground-based sensors, which track thousands of objects. Battlefield commanders can use this live information to conduct safe mission planning, ensuring operations are protected from enemy surveillance and enabling the highest probability for mission success.

SPACE DOMAIN AWARENESS

EOS is a proud partner of the Australian Department of Defence in Space Domain Awareness (SSA) for over 15 years. Through a proven network of passive and active optical SDA sensors, EOS covers all orbit regimes from LEO to GEO with unrivalled accuracy. Having highly accurate SDA data enables better intelligence for knowing when, where and who is watching.

SSA SERVICES

- Live threat warning for commanders before and during the mission, supporting route planning and updated notifications based on live orbital maneuvers
- Regular space intelligence summaries
- Independent & Australian space catalog
- Object characterisation and identification services
- Data analytics, machine learning and artificial intelligence
- Simulation tools for mission planning and capability assessments

DATA SERVICES

- Accurate tracking from LEO to Cis-Lunar
- Direct tasking for network of sensors based on mission needs
- 24 hour coverage
- Region search, object detection and tracking
- Satellite laser ranging
- High-rate image capture

FOR MORE INFORMATION:

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