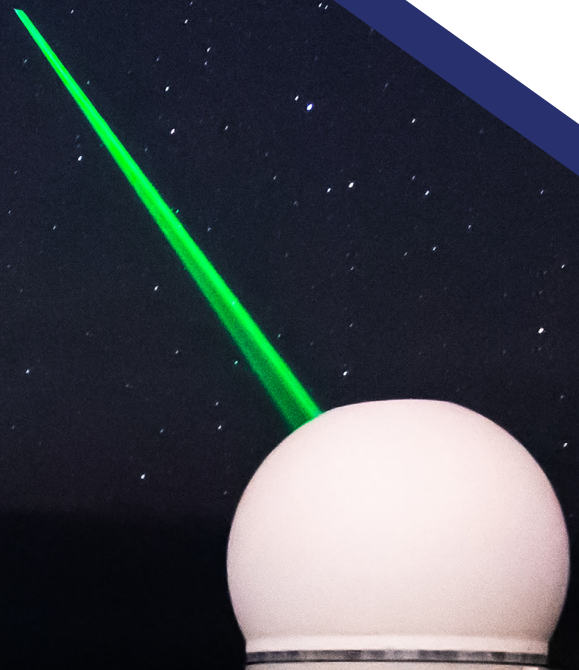
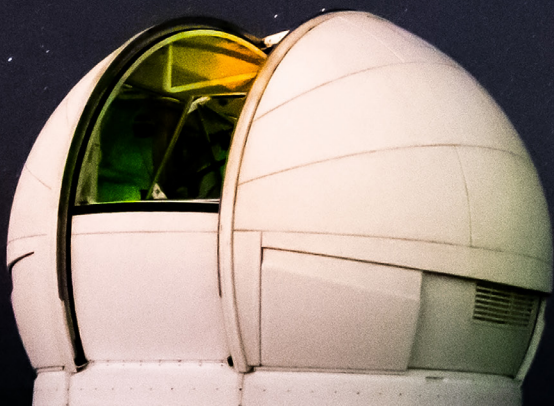




EOS Space Systems has been pioneering the use of laser technology in space, providing the capability to establish and maintain space intelligence superiority for over 35 years.

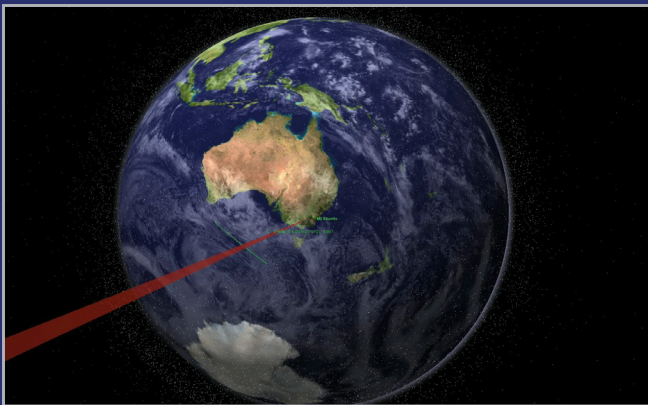
# SPACE TRAFFIC MANAGEMENT



EOS Space Systems is a world leader in design, manufacture, delivery and operation of software, sensors and systems for space traffic management (STM). EOS' superior STM capability covers all orbit regimes from LEO to GEO with unrivalled accuracy to support mission planning and conjunction alerts.

## ADVANCED STM CAPABILITY

Our advanced STM capability allows users to monitor, measure and interpret activities in space. The Conjunction Analysis and Threat Warning (CATW) system uses available data sources as well as EOS high accuracy catalogue data to provide realistic, and actionable data for satellite operators. High accuracy follow tracking can be provided to refine collision probabilities. With over 35 years' experience in STM, EOS products are mature and interoperable with allied systems.



## STM SERVICES

- Independent space object catalogue
- Optimised sensor scheduling
- Reliable and accurate track correlations
- Conjunction assessments and proximity warnings
- Ephemeris generation and prediction
- Object characterisation and identification
- Data analytics, machine learning and artificial intelligence
- Simulation tools for mission planning and capability assessments

## DATA SERVICES

- Accurate tracking: LEO to GEO, and beyond
- Taskable network of sensors
- Emergency tracking requests
- Sensor cueing
- Region search, object detection and tracking
- Satellite & debris laser ranging
- Passive optical tracking
- Daytime tracking
- High-rate image capture

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QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =

**Please contact us for detailed specifications, custom configurations, pricing and delivery information.**

[general-space@eos-aus.com](mailto:general-space@eos-aus.com)  
[www.eos-aus.com/space](http://www.eos-aus.com/space)

