

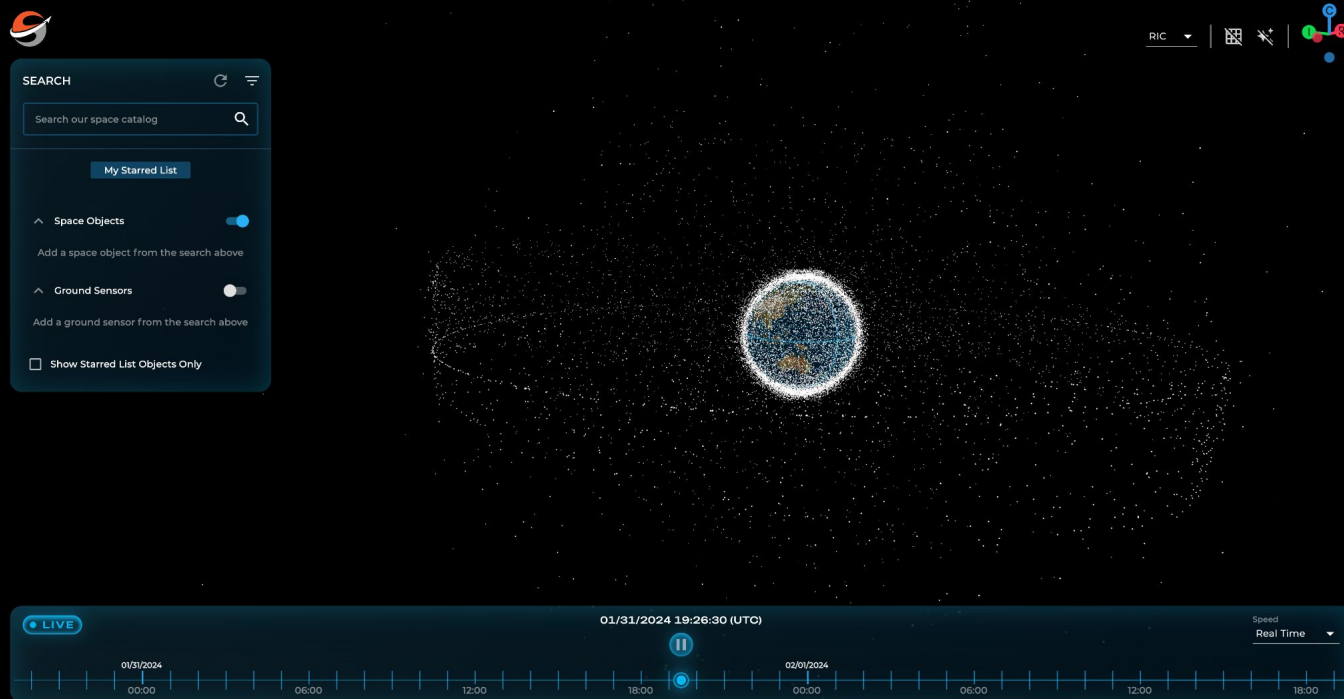


Private Sector Support to LTS Guideline Implementation

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COPUOS Scientific and Technical Subcommittee
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Comprehensive & Dynamic Picture of Space Operations



Multi-Source, Multi-Orbit,
Day & Night Space Object Tracking



Astrodynamics Models &
Machine Learning Models



Accessed through Software
Platform with Open Interfaces

SUPPORT TO SPACE OBJECT TRACKING & INFORMATION SHARING

- Guideline B.1 Provide updated contact information and share information on space objects and orbital events
- Guideline B.2 Improve accuracy of orbital data on space objects and enhance the practice and utility of sharing orbital information on space objects
- Guideline B.3 Promote the collection, sharing and dissemination of space debris monitoring information

150+ Day/Night Optical Sensors

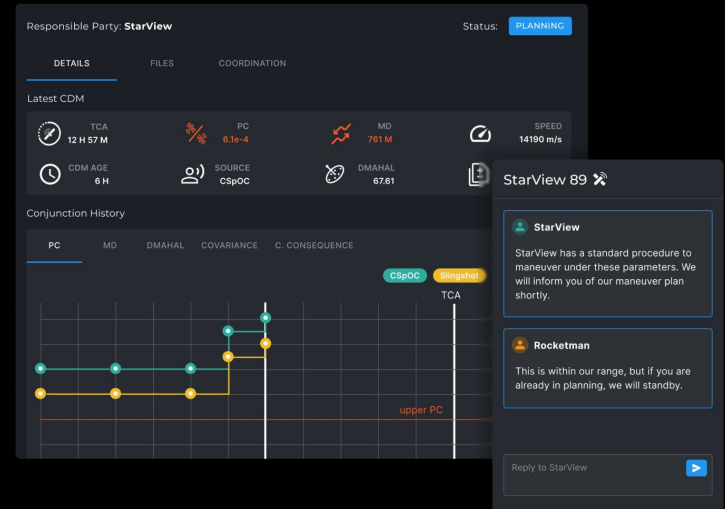
24-7-365 Space Situational Awareness



SUPPORT TO CONJUNCTION ASSESSMENT & COLLISION AVOIDANCE

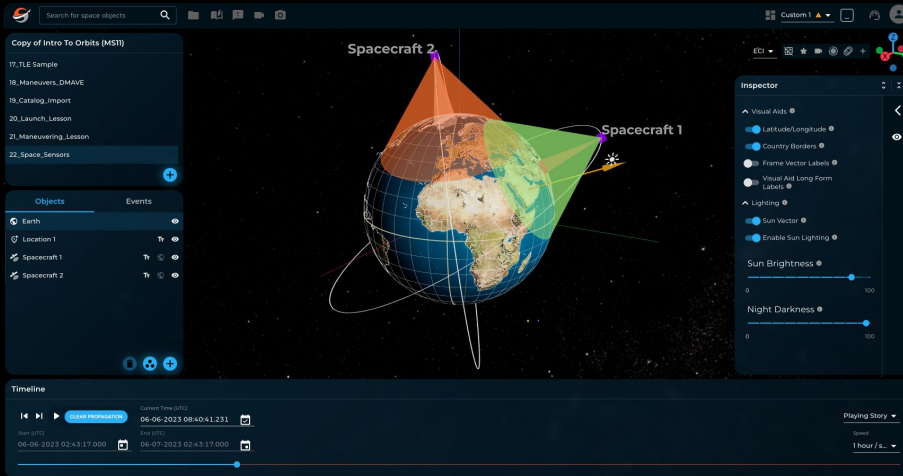
- Guideline B.1 Provide updated contact information and share information on space objects and orbital events
- Guideline B.4 Perform conjunction assessment during all orbital phases of controlled flight
- Guideline C.1 Promote and facilitate international cooperation in support of the long-term sustainability of outer space activities

Free platform for collision avoidance
Coordinate with other satellite operators



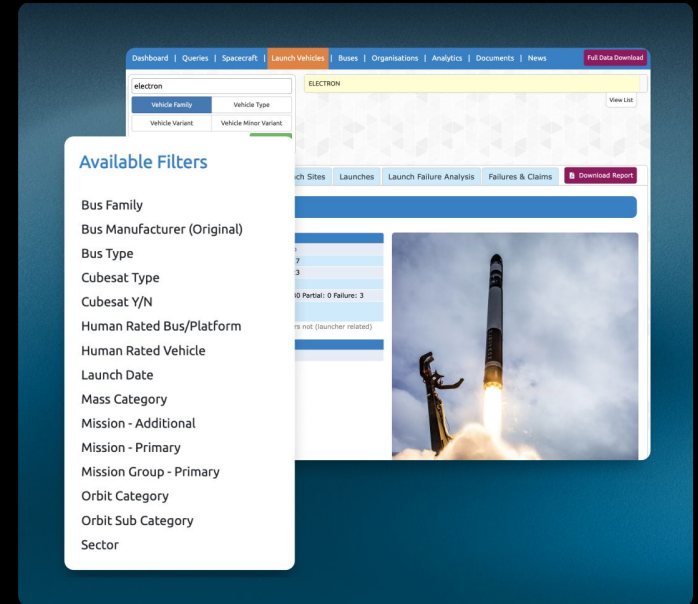
SUPPORT TO CAPACITY BUILDING

- Guideline C.3 Promote and support capacity-building
- Guideline C.4 Raise awareness of space activities



Learn fundamentals of space operations

Research global space activities





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