



Decrease risk to satellite missions and increase survivability against threats

Space Object Threat Assessment (SOTA) enables you to assess the vulnerability of any space object with respect to the action of other space-based objects, using live, real-time, or simulated data.

- **How do I identify threats to my space assets?**

With SOTA you can model all relevant modes of potential threats – one-on-one, one-on-all, all-on-one, and all-on-all. Understand which assets are most at risk and how the most likely threat will play out.

- **What indications and warnings can I get to protect my space assets?**

SOTA delivers a full report with times of vulnerability along with delta-v and time-of-flight required for potential threatening actors. 3D surface contours and heatmap plots enable visualization of vulnerability windows and threats in multiple ways.

Benefits

- Sophisticated yet user-friendly
- Rapid and comprehensive
- Full constellation or single satellite
- Current or future analysis
- Warns against unknown threats

Features

- 3D visualization
- Full physics-based modeling
- Rank order of threats
- Text and graph reports

