



**SPACE DATA**  
ASSOCIATION

## By space operators, for space safety and sustainability for all

The Space Data Association Ltd. (SDA) is an **international non-profit organisation** and, since 2009 has united space stakeholders with a shared mission: to **enhance spaceflight safety through effective Space Traffic Coordination (STC)**. The association is also a forum for satellite operators to advance state of the art best operational practices.

As space becomes increasingly used, **no single operator can ensure safety**. However, uncoordinated space operations can pose risks to all. Coordination is essential. SDA enables the **secure, reliable, and efficient** exchange of **essential data** and best practices—helping safeguard the integrity of the space environment **across all orbital regimes**.

Our global membership includes leading satellite operators and space organisations. By contributing ephemeris data, including planned future manoeuvres, our members play an active role in reducing collision risk and supporting safer orbital operations.

This data is **securely** processed through our **Space Safety Portal (SSP)**, operated by the leading space technology company **GMV**. By combining member data with external sensor inputs and public catalogues, the SSP delivers **conjunction assessments** and **timely warnings**—empowering operators to act and reduce the potential for collisions.

Security and trust are at the core of everything we do. SDA employs **robust cybersecurity and legal measures** to protect all member data. Member information is never shared externally without consent, and in the event of an alert, only the minimum necessary data is disclosed to ensure safety while preserving confidentiality.

Together, we reduce risk and protect the space environment through trusted collaboration.

### Who can Join?

- All operators, in all orbital regimes, commercial, civil and military
- Satellite equipment providers
- Satellite service providers
- National space agencies

### Why is it important to join and share your data?

The space environment is a **critical, shared resource** and it is becoming increasingly congested. We must **protect** the space that we have and ensure that it remains safe to operate in.

By **sharing your data** and intentions, you play a **critical role** in space sustainability. We provide essential conjunction assessment, manoeuvre planning validation and authoritative contact information for participating satellites.

As a **non-profit**, non-governmental organization we provide a safe forum for space professionals to work together for global benefit.

**Want to know more?** Visit <https://www.space-data.org/sda/>