



Zero Debris Week

How is Ecosmic using the ZD Technical Booklet?

June 11th 2025

Strategic Reference to define our Product Development Roadmap

1. Identified relevant sections of the Booklet based on alignment with our core business and team expertise.
2. Mapped each referenced technology to potential products, internal capabilities, and development opportunities.
3. Assessed and ranked identified technologies based on:
 - Technical complexity
 - Commercial potential
 - Alignment with team strengths and market needs
4. Integrated the highest-potential items into our Technical Roadmap

B. Development of reliable autonomous systems for Conjunction detection and collision avoidance to significantly improve response times and reduce reliance on manual interventions.

Key Enablers:

- I Development of reliable systems for integrated autonomous Conjunction detection and collision avoidance operations with coordination systems*
- II Reduction of the decision time to react to Conjunctions (e.g. late command paths)*
- III Reduced response time for ephemerides screening*

> Good morning, Francesca Andreoli

Last month's summary



118

Number of CDMs received



7.7%

Number of False Positives detected



5.1%

Number of False Negatives detected



20

Collision Avoidance
Manoeuvres suggested



15h

Working hours saved

Fleet risk status



16 upcoming close encounters
1 satellite involved

Upcoming close encounters

SEE ALL

TCA (UTC)	Primary object	Secondary object	Risk level
2025-01-20T08:58:38.083Z	JXDK-SAT	QUPS-SAT	CRITICAL
2025-01-20T00:49:27.961Z	JXDK-SAT	CYFO-SAT	CRITICAL
2025-01-09T01:57:39.931Z	JXDK-SAT	ILLT-SAT	CRITICAL
2024-11-11T16:28:22.413Z	JXDK-SAT	KEIK-SAT	CRITICAL
2024-11-08T18:29:20.980Z	JXDK-SAT	BQFV-SAT	CRITICAL

Suggested improvements to the Booklet

- Include market context to empower stakeholders in policy discussions and strategic lobbying
 - Absence of market insight or impact analysis makes it difficult to build compelling arguments for public funding, regulatory support, or prioritisation at policy level.
 - Including even high-level market landscape analysis could help companies justify investment
- Improve transparency through contributors acknowledgement
 - Include a clear list of the companies, institutions, and individuals who contributed to its development to:
 - Facilitate collaboration — making it easier for others in the community to identify and contact relevant stakeholders.
 - Mitigate potential bias — allowing readers to understand the background and affiliations of contributors, which is important for assessing the representativeness and balance of the recommendations.
 - Including this information—either in an appendix or as a dedicated contributors section—would strengthen the document’s credibility and openness.