GIMBLE

AUTONOMOUS DECISION DOMINANCE

CAPABILITY BRIEF · NOVEMBER 2026

CUSTODY

Orbital behavior and exposure. CUSTODY reads the public satellite catalog and reports what changed, what is crowded, and what it means for your assets.



custody.gimbletech.com · Orbital awareness

AT A GLANCE

The public catalog, read every six hours

CUSTODY reads the public satellite catalog, compares each run with the last, and reports what it observes: maneuver indications, crowded shells, overdue disposals and what shares an orbit with your assets.

6 hrs

between catalog reads, each compared with the last

22,889

space vehicle and rocket body cards

112

public SSA requirements, each linked to its source

35 days

of per-object history behind every chart

Unclassified. Built only from public data. Not an official U.S. Government product.

THE DECISION IT SERVES

Know what changed around your assets

THE ISSUE THAT PERSISTS

You operate or insure high-value assets you cannot continuously account for.



WHAT CUSTODY DOES ABOUT IT

CUSTODY turns the public catalog into a daily answer: what maneuvered, what is new or dropped, how crowded each shell is, which dead payloads are overdue for disposal, and what sits next to the satellites on your list.

WHO IT'S FOR

Space underwriters · Satellite operators · SSA analysts · Enthusiasts (free)

THE CONSOLE

Views built for analysts and underwriters

Overnight

What changed since the last check: maneuver indications, new and dropped objects, low perigees, drifters.

Exposure

For your satellites: how many objects share each altitude band, what they are, what changed nearby.

Disposal

Dead payloads still in low Earth orbit, against the FCC five-year disposal rule.

Neighbors

For one object: the closest tracked objects now, and what shares its orbit or GEO slot.

Telescope

Where to point and when: look angles, passes and a sky chart, computed for your site.

Watchlists & alerts

Standing conditions on your objects, by email, signed webhook or a read-only API.

Also: Catalog (3-D globe), Reentry, Needs, object cards, operator pages, space weather, a What-if scenario and Ask Custody.

HOW IT WORKS

From public catalog to a report



Source: CelesTrak GP element sets (18th Space Defense Squadron, U.S. Space Force) and SATCAT.

1. **Read**
   CelesTrak element sets for 17 groups and the full satellite catalog
2. **Compare**
   Each complete run against the previous one; partial runs are never written
3. **Flag**
   Orbit changes beyond published thresholds, reported as indications
4. **Report**
   Exposure, disposal and neighbors; a full PDF report for underwriters
5. **Alert**
   Watchlists, a morning digest, signed webhooks and API keys

EVIDENCE YOU CAN CHECK

Observed, curated, modeled or scenario

EVERY PANEL CARRIES ONE OF FOUR LABELS

OBSERVED	Read from the public catalog
CURATED	Assembled from cited public sources
MODELED BAND	A computed range, with its assumptions
SCENARIO	Simulation, not data: the What-if view

WHAT IT IS NOT

- Flags are indications from mean elements: not proof of a maneuver, and nothing about intent
- Exposure figures are population counts, not collision probabilities
- Neighbors is not conjunction screening
- Telescope has no brightness estimate, weather or refraction
- The What-if view, peace into conflict, is a simulation

PLANS

Free for enthusiasts, priced for professionals

Enthusiast

Free

no account

- Catalog, What-if and Needs
- Overnight: every count
- Telescope: ISS, Tiangong, Hubble

Analyst

$49 / mo

or $490 / year

- Overnight: every row, filters, export
- Neighbors and Reentry in full
- Telescope for any tracked object

Underwriter

$249 / mo

or $2,490 / year, per seat

- Exposure on your own assets (up to 50)
- Disposal in full; operator lists
- Full PDF report

Paid plans add watchlists and alerts, a morning digest, signed webhooks and a read-only API key. Plans are purchased inside CUSTODY; payments by Stripe.

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CONTACT

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