

Data intelligence for the space industrial base.

— COMPANY IDENTITY

COMPANY	AstraVeris
PRIMARY URL	https://www.astraveris.ai/
SMALL BUSINESS	Yes — under 500 employees (SBA)
OWNERSHIP	51%+ US-owned and controlled
ITAR POSTURE	Commercial open-source data only; no ITAR
DATA RIGHTS	SBIR Data Rights asserted (20-yr) on ARI / decay / HHI

— NAICS CODES

- 541715** R&D — Physical, Engineering & Life Sciences
- 541511** Custom Computer Programming Services
- 541990** All Other Professional, Scientific & Technical Services

— CORE CAPABILITIES

01 · CATALOG & SSA

Space Object Catalog

- 15,000+ objects ingested from CelesTrak GP
- Decay forecasting from multi-snapshot regression
- Constellation N-1 redundancy & fleet health
- Orbit census by regime (LEO/MEO/GEO/HEO)

03 · LAUNCH RELIABILITY

Vehicle & Operator Reliability Dataset

- Success / partial-failure / failure split
- Wilson-bounded operator reliability intervals
- Booster reuse fatigue curves
- Insurance-grade actuarial schema

02 · INDUSTRIAL-BASE ANALYTICS

Operator & Supply-Chain Concentration

- HHI concentration per SAI supply-chain tier
- 100+ company ARI risk scoring
- Operator & country-level market structure
- Single-point-of-failure identification

04 · GOV CONTRACT INTELLIGENCE

Grant, SBIR & PSC Feed

- 9,400+ USASpending grants normalized
- SBIR Phase I / II / III graduation mapping
- PSC-code-filtered commercial contract feed
- Recipient concentration & agency trends

— METHODOLOGY

Every metric ships with a published methodology: weight derivation, data sources, confidence levels, and known limitations. Full whitepaper covers ARI scoring factor weights, decay model assumptions (MAPE backtesting), HHI construction, and the success / partial-failure / failure classification schema.

— GOVERNMENT ENGAGEMENT

Inquiries: gov@astraveris.ai

SAM.gov registration in progress. Response within one business day.