

ARTEFACT 3

Risk, Security & Governance Model

Key Risk & Mitigation

Risk Area	Description	Mitigation
Data Security	Unauthorized access to sensitive satellite data	Role-based access, audit trails
Operational Risk	System downtime affecting mission planning	Modular architecture, redundancy
Governance	Unclear data ownership	Defined custodianship
Collaboration	Misalignment with external partners	Formal coordination protocols with stakeholders

Governance Structure

A clear governance framework was established to define:

- Decision rights between executive leadership and delivery teams
- Escalation paths for security and operational risks
- Accountability for data stewardship

Public Trust Consideration

Although the system wasn’t citizen-facing, public trust was treated as a priority concern by ensuring transparency, accountability, and strong security controls over nationally sensitive data assets.