

SEER FOR SPACE SYSTEMS



SEER® for Space Systems is Galorath's newest parametric cost model, and the only one developed for a single commodity – robotic earth-orbiting and planetary spacecraft. SEER for Space Systems has been developed by thought leaders in the space cost community. The statistical engine for SEER-Space utilizes advanced statistical techniques to provide unbiased estimates that avoid overfitting.

Key Features

- Based on recent missions, including cutting-edge instruments such as lasers and synthetic aperture radars
- Provides insight into both development and production costs for spacecraft busses and payloads
- Provides insight into both direct and indirect costs
- Models cost to mature technology readiness levels to level 6 for subsystems and instruments
- Models at the bus subsystem and instrument level, enabling quick estimates
- Includes 35 specific instrument types
- Incorporates key drivers, including mass, heritage, NASA standards, design life, and technical and programmatic inputs
- Provides calibration factors to model savings due to commercial acquisition

Applications

As a subsystem-level model, SEER for Space Systems is ideal for quick-turn estimates, which are needed to support:

- Proposal Submittals
- Independent Cost Reviews
- Analysis of Alternatives
- Preparation of Budgets
- Cross-Check and Sensitivity Analysis

