

Chief Architect In-Orbit Manufacturing Platform

About the role

Starflight Dynamics brings the benefits of the space environment to the process industries, enabling the production of previously impossible materials and substances, and providing the technology to deliver a complete end-to-end service. We seek a visionary Chief Architect to lead the genesis and market launch of our in-orbit manufacturing infrastructure.

Key Responsibilities and Duties

- Concept generation: Craft vehicle designs for in-space production missions using available technology and customer feedback. Outline operational concepts and preliminarily size key assemblies.
- Design and Oversight: Perform the dimensioning for re-entry containers and transport platforms, supervise performance evaluations, and allocate system requirements to subsystems.
- Strategic Planning: Collaborate with technical teams to formulate development plans and roadmaps, ensuring their successful execution.
- Team Development: Manage the formation and staffing of technical teams, fostering an environment of innovation and excellence.

Essential Skills & Qualifications

- Established expertise as a systems engineer with a robust background in space systems.
- Demonstrated history in developing sophisticated space transportation and re-entry systems.
- Proven track record leading multidisciplinary engineering teams.

Preferred Skills

- Prior leadership of engineering teams across multiple disciplines.
- Active role in notable demonstration programs.
- In-depth knowledge of the space industry's landscape and dynamics.

Position Type & Location

This position is open to local candidates in Munich, Germany, as well as remote applicants.

Contact Information

Please send your application and your availability to mission-control@starflight-dynamics.com