

INTERPLANETARY SYSTEMS — Whitepaper 3 Layer 3 — Multi■World MAUS Infrastructure Public Edition

This Public Edition introduces INTERPLANETARY SYSTEMS — the third layer of the MAUS ecosystem, expanding the operating system beyond Earth into orbital, lunar, and Martian environments. This document is legally safe, public■ready, GitHub■ready, and free from any confidential or TS■restricted engineering details. **SECTION 1 — MULTI■WORLD EXPANSION OVERVIEW**

The Interplanetary Systems layer conceptualizes MAUS functionality across multiple planetary bodies. It defines how MAUS scales into space■based environments while maintaining user sovereignty and identity continuity. Key concepts include:

- Orbital OS (Orbital Room)
- Lunar Base compute systems
- Mars Station autonomy operations
- Multi■planet networking (public■safe conceptual model)
- Multi■world MAUS Engine presence

SECTION 2 — INTERPLANETARY SYSTEM ARCHITECTURE

The Interplanetary Layer prepares the MAUS ecosystem for Tier■4 expansion by outlining:

- Orbital, Lunar, and Martian digital environments
- Space■based identity continuity and navigation
- Interplanetary visualization concepts
- Public■safe routing abstractions

SECTION 3 — PUBLIC SAFE SUMMARY

This Public Edition contains:

- No MAUS Engine internal code
- No cryptographic, identity, or routing internals
- No robotics, telepresence, or TS mechanisms
- No proprietary space■OS algorithms

This document is fully approved for public distribution and GitHub publication as a component of the MAUS whitepaper trilogy.