MASTER SUITE — CANONICAL ARCHITECTURE

This document normalizes the structure and intent of the MasterSuite toolkit collection.
The suite is organized into functional subsystems focused on Android device safety,
flash validation, recovery, and system inspection.

CANONICAL MODULE TIERS

Tier 1 — Safety / Policy Layer
- FlashGuard (policy engine, invariants, lifecycle control)
- FlashAuditor (flash verification and audit logging)
- ROMValidator (ROM integrity validation)

Tier 2 — Device Interaction Layer
- DeviceProbe (hardware + partition discovery)
- PartitionGuard (partition safety validation)
- BootGuardian (boot image safety checks)

Tier 3 — Recovery Layer
- RecoveryManager (recovery orchestration)
- EDL_Rescue (emergency device recovery tooling)

CANONICAL DIRECTORY EXPECTATION

MasterSuite/
safety_system/
device_system/
recovery_system/
docs/
examples/

Each subsystem should expose:
- README.md
- QUICKSTART.md
- LICENSE
- .py
- examples_*.py

FLASHGUARD AS REFERENCE IMPLEMENTATION
FlashGuard is treated as the canonical architecture reference because it contains:
- lifecycle engine

- invariants definition
- policy enforcement
- audit logging
- schema validation

All other modules should gradually align to this structure.

CANONICALIZATION GOAL

The purpose of canonicalization is:

- minimize duplication
- standardize module layout
- unify naming conventions
- make automation predictable
- prepare the suite for integration tooling

END OF CANONICALIZATION DOCUMENT