	Design and qualification	Live operation
Model or system behavior	**A Improve and qualify behavior** • Training and reliability engineering • Validation and red teaming • Evidence for release decisions	**B Observe and manage live behavior** • Runtime monitoring • Drift and misuse detection • Input and output guardrails

Cryptographic verifiability

Provenance · integrity · scoped proofs · current status evidence

External actions and effects	**C Design bounded execution** • Air gaps or logical isolation • Deterministic controller design • Requirement and issuer profiles	**D Verify and enforce each action** • Check current authority and evidence • Apply status and revocation rules • Permit, block or escalate at the boundary