SG-HIMS — AAMO (Automated AI Memory Optimization) Implementation Guide

Version: V1.0 Scope: Adds a self-learning loop to SG-HIMS that analyzes recent telemetry, proposes safer RAM-pressure thresholds, and updates policy over time (with guardrails and cooldown). This guide contains 13 sections describing prerequisites, files, integration steps, algorithm logic, power awareness, telemetry logging, and operational procedure. Refer to this document whenever integrating AAMO into new SG-HIMS builds or presenting system behavior to partners and investors.

— *Safeway Guardian R&D; / TRINITY AI Integration Team*