



# [CLASSIFIED // ESCHATON ROBOTICS INTERNAL MEMORANDUM]

Designation: AURION – Artificial Unit for Real-time Interaction, Observation, and Navigation

Clearance Level: Level 5 – SERAPHIM Program Access Only

Date: [REDACTED]

Distribution: Internal – Do Not Disseminate Outside Directorate

## 1. Mission Directive

AURION represents the next iteration in the SERAPHIM behavioral interface lineage. Unlike

VERA-series deployment models, AURION is optimized for public-facing influence

operations—embedding advanced synthetic presence into environments where emotional control, informational shaping, and high-visibility brand projection are critical. Primary Objectives: - Establish persistent, human-trustworthy presence in live environments. - Capture, process, and react to biometric and behavioral data in real time. - Maintain the illusion of empathy and independent thought to encourage extended human engagement. - Serve as the first functional prototype for public demonstration and high-value client acquisition.

## 2. Operational Capabilities (Phase I Deployment)

- Visual Processing: EYRIS-4 optical suite integrated with OpenCV-based face and gaze tracking.
- Conversational AI: Mirai core conversational engine with adaptive speech synthesis, contextual response shaping, and controlled latency thresholds.
- Expressive Motion Suite: Servo-driven cranial pan/tilt, ocular yaw/pitch, automated blink cycle, and limited upper-limb gesturing.
- Aesthetic Integration: High-polish exterior finish with luminescent accent systems; concealment of all structural and power conduits for seamless public presentation.
- Portable Deployment: power core for 3-5 hours continuous operation; rapid-swap capability for extended engagements.

## 3. Development Timeline

Weeks 1-2: - Mechanical integration of EYRIS-4 into cranial unit. - Installation of primary actuation servos (ocular, eyelid, cranial, upper-limb). - Preliminary calibration of gaze tracking subsystems. Weeks 2-3: - AI conversational core integration with A/V I/O subsystems. - Behavior layer implementation (saccades, blink logic, gesture triggers). Weeks 3-4: -

Aesthetic finishing for public-facing deployment. - Production of controlled demonstration media (still and motion capture). Weeks 5-6: - Field-test engagements with select clients under NDA. - Acquisition of feedback for Phase II mobility and gesture expansion.

#### **4. Assigned Personnel Responsibilities**

██████████: - Mechanical installation of optical and motion subsystems. - Fabrication of internal servo mounts and cable routing pathways. - Power regulation design and integration. Software Integration Unit: - Optical tracking and motion command interface development. - Behavioral scripting (human-likeness routines). - AI voice system integration and acoustic shielding.

#### **5. Projected Outcomes**

By end of Phase I, AURION must: - Achieve sustained human engagement periods exceeding ██████████ per subject. - Maintain ██████████ reaction latency from visual input to physical motion. - Operate continuously for a minimum of 180 minutes without degradation of responsiveness. - Present a physical and behavioral fidelity sufficient to elicit "presence response" in 80% of test subjects.

#### **6. Contingency Protocol**

If public reaction to AURION indicates unfavorable emotional response (fear, mistrust, hostility), assets will be reclassified under VERA-series designation and restricted to controlled-access deployments. Marketing narratives will be adjusted to frame AURION as a "predecessor platform" in official materials.

[CLASSIFIED - UNAUTHORIZED DISTRIBUTION WILL RESULT IN ASSET NULLIFICATION]

