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Version 3.7 – For SIM Orientation Training. Authorized Distribution Only
Compiled by the Phiratora Space Coalition

RedVista

One-line summary: Neural AI interface that sees what you see. And more.

Type: Neural AI Interface (Helmet-Integrated)

RedVista is the central AI assistant integrated into helmet visors and personal base systems. It syncs biometric data, mission overlays, environmental analytics, and SilentiNex traffic through non-invasive neural sensors. It also governs system access, threat triage, and user behavior prediction.

Informal: Big Red.

Common phrases include: “If you blink, RedVista’s already three thoughts ahead of you.” “Stay on Vista. Stay alive.”

SilentiNex

One-line summary: Encrypted thought-stream that replaces speech under pressure.

Type: Neural Communication Protocol

A low-latency, encrypted thought-stream routed through RedVista. Enables direct cognitive exchange between linked users, bypassing speech entirely. Connections are ephemeral, routed through CoreWave-Com.

Informal: Line, Slipstream.

Common phrases include: “You don’t talk on SilentiNex. You listen with your mind.” “Slip the Line.”

Synetheia

One-line summary: Cognition-linked device for system control, ID, and sync.

Type: Neural-Sync Interface Device

A compact, cognition-linked device enabling deep synchronization between the user’s thought patterns and CoreWave streams. Used for system control, ID authentication, environmental perception shaping, and secure field access.

Variants:

↳ Synetheia-M – Military-grade field unit

↳ Synetheia-C – Civilian/scientific variant

Informal: Theia.

Common phrases include: “You don’t use a Theia. You carry it. You think through it.” “Theia up.”

TheiaVault

One-line summary: Secure storage for memories, logs, and things better left unspoken.

Type: Encrypted Storage Module

A secure, bonded storage unit linked to Synetheia devices. Used to archive CoreWave recordings, biometric data, and AI-refined mission logs.

Variants:

- ↳ FieldVault – Portable hardened version for recon and recovery teams
 - ↳ SynVault – Designed for SilentiNex trace capture and deep recon analysis
- Informal: The Vault.

Common phrases include: “If it’s in the Vault, it happened. Whether you remember it or not.”

CoreWave

One-line summary: The neural backbone linking minds, machines, and mission data.

Type: Cognitive Data Stream Layer

CoreWave is the real-time neural data infrastructure binding together RedVista, Synetheia, GlazeNet, and SilentiNex. It processes and transmits layered mission data, tactical overlays, sensory feedback, and system logic across all active nodes. Users experience CoreWave passively—until they don’t.

Subsystems:

- ↳ CoreWave-Tac – Tactical combat feeds, squad overlays, threat processing
- ↳ CoreWave-Med – Biometric monitoring, injury analysis, life-sign routing
- ↳ CoreWave-Com – Communications grid (SilentiNex routing, error correction, latency sync)
- ↳ CoreWave-Env – Environmental hazard scans, terrain data, radiation alerts
- ↳ CoreWave-Logi – Equipment status, cargo ops, resupply tracking

Informal: “Ride the Wave” — Fully syncing under pressure. Often used in high-stakes ops.

Common phrases include: “You either ride the Wave. Or it rides you.” “Wave’s up. Hold tight.”

GlazeNet

One-line summary: Smart-display infrastructure woven into every wall and surface.

Type: Nanoglass Display Infrastructure

GlazeNet is an embedded smart-surface network spanning most of Cadieux’s Lumière. It forms a reactive display layer across walls, bulkheads, and terminals. Displays activate via proximity, voice, or Synetheia input. Supports visual data feeds, door controls, and classified access approvals.

Informal: The Glaze.

Common phrases include: “If it’s glowing on GlazeNet, it matters. Or it’s lying.” “Check the Glaze.”

SR.T.T.: Signal Relay – Tactical Threadline

One-line summary: Primary comms network bridging planets, people, and Duatis-Ares threads.

Type: Planetary–Orbital Relay Network

SR.T.T. is the primary comms lattice linking Cadieux’s Lumière to the SIM and the broader Phiratora Space Coalition. Anchored by surface transceivers and mid-orbit repeaters, it routes compressed cognitive data, mission logs, real-time telemetry, and high-priority SilentiNex pings across the system with aggressive redundancy protocols.

Designed for latency-resilient transmission, SR.T.T. negotiates Mars–Earth drift using predictive synchronization buffers and Duatis–Ares-assisted signal threading. In emergency conditions, it prioritizes essential packets—biometric alerts, AI distress calls, and mission-critical CoreWave logs.

SR.T.T. also manages quantum handshake verifications for long-range Synetheia authentication and TheiaVault uplinks.

Subsystems:

- ↳ SR.T.T.-Orb – Uplink to Phiratora satellites and data buoys
- ↳ SR.T.T.-Base – Internal routing across Lifelines, research spines, and reactor cores
- ↳ SR.T.T.-Vault – Secure channel for TheiaVault syncs and redacted log pullbacks
- ↳ SR.T.T.-Override – AI bypass and fallback comms when GlazeNet fails

Informal: “Serrate” – Temporary comms loss; often cause for drills or paranoia

Common phrases include: “You don’t call home through SR.T.T. You whisper through a firewall of ghosts—and hope home’s listening.” “We’re serrated. Hold the line.”

Earth-Based Systems Overview

Note: The following technologies represent current-generation Earth-based systems commonly in use among civilian, corporate, and covert networks. Though distinct from Martian tech suites, these systems interface through authorized channels when necessary.

VeyraNex

One-line summary: Where thought ends, VeyraNex begins.

Type: Cognitive Interface & AR Control Layer

VeyraNex is the dominant neural-sync device on Earth, connecting users to EnterNet streams, BloomField overlays, and communications grids through discreet cranial or dermal nodes. Unlike the rugged Synetheia systems used on Mars, VeyraNex prioritizes comfort, seamless integration, and consumer-grade accessibility.

Informal: Veyra, Nex’d.

Common phrases include: “Think it. See it. Become it.” “Stay Nex’d.”

BloomField

One-line summary: Reach the surface. Shape the bloom. Reality is only the start.

Type: Interactive Holographic Display Field

BloomField is Earth’s most widespread interactive holographic display system, linked through VeyraNex or direct device activation. Users manipulate projected visuals through touch, gesture, or cognitive input.

Informal: Bloom, Field.

Common phrases include: “Throw it to the Bloom” or “Let it field out.” “Light the Bloom.”

MemoShard

One-line summary: Memory stored. Moments sealed.

Type: Cognitive Data Storage Device

MemoShard is a compact cognitive storage artifact, designed to record, archive, and replay mental impressions, immersive experiences, and AI-refined memory logs.

Informal: Shard.

Common phrases include: “The past doesn’t fade. It syncs.” “Drop it to Shard.”

ClearTone

One-line summary: Say more. Feel more. Beyond words.

Type: Emotion-Enhanced Communication Protocol

ClearTone is the dominant emotion-layered communication standard, transmitting embedded emotional cues alongside spoken words for deeper digital interaction.

Informal: Tone, Clear'd

Common phrases include: "Speak human again." "Tone me."

Biofone

One-line summary: Always on. Always you.

Type: Neural-Linked Communication Device

Biofone is Earth's standard personal device, blending communication, identity, and AR functionality through VeyraNex or direct Neural Channel sync.

Informal: Bio, 'fone, Neural'd.

Common phrases include: "Always on. Always you." "Ping me." "Neuro-call me."