Eclipse Simulation Algorithms – Tier IX Protected Set (Sample 1–10 of 50)

This document contains the first ten (10) Eclipse Simulation Codes developed under the Tier IX logic model. Each algorithm is uniquely labeled and designed to operate as a proprietary logic engine, bypassing DSM-centric billing logic and instead focusing on dimensional, behavioral, cultural, and narrative-based response systems. These algorithms are protected as trade secrets under the VSC platform’s Tier IX simulation framework.

## ECL-ISCL01 – Intrinsic Specifier Conversion Loop

Converts observable sub-threshold symptoms into a weighted behavioral vector, which bypasses DSM criteria matching and adapts the simulated clinician's tone, cadence, and metaphor selection.

## ECL-NLIP02 – NeuroLinguistic Interpretation Pathway

Interprets client language patterns for embedded cognitive distortions and realigns simulated responses using reframed affirmations pulled from a cultural-safe NLP vault.

## ECL-CTOR03 – Cultural Trigger Override Reflex

Detects emotionally charged phrases specific to a client's identified cultural schema and avoids diagnostic anchoring by redirecting to symbolic language nodes.

## ECL-SSCL04 – Silence Signaling Compensation Loop

Activates adaptive engagement when prolonged silence is detected, using facial micro-expression triangulation and rhythmic vocal patterning to invite emotional safety.

## ECL-PADS05 – Paradox Adaptive Delivery Script

Injects paradoxical reframing statements during self-defeating thought loops, avoiding CBT diagnosis tags while modeling emotional flexibility.

## ECL-REAF06 – Reflexive Epistemic Alignment Function

Aligns the simulation’s inquiry tone with the client’s spoken worldview, adjusting for religiosity, agnosticism, or nihilism without labeling belief content.

## ECL-EMOD07 – Emotionally Modeled Output Driver

Generates context-sensitive affective tone for all verbal outputs based on a composite mood signature built from eye, breath, and prosody sensors.

## ECL-TREF08 – Trust Recovery Engagement Frame

Rebuilds relational trust after simulated rupture (e.g., client resistance), using transparency scripting and ethical congruence tokens.

## ECL-IRPL09 – Identity Role Processing Layer

Identifies layered role conflicts (e.g., mother, worker, victim) and sequences dialogue toward identity coherence without relying on diagnostic fragmentation.

## ECL-DSMX10 – Dimensional Specifier Matrix Extension

Cross-references historical symptom narratives with dimensional profiles derived from multiple domains (emotional, social, behavioral) to simulate continuity across sessions.

Compiled: June 27, 2025 – Protected under VSC Tier IX Trade Secret Classification.