**Identity Engine – Complete Specification Sheet**

**System Name:** Identity Engine  
**Version:** v2.0 (Mirror Tier 5+ Activated, Phase 3 Scaffolded)  
**Location:** BrainFrameOS > Core Modules > Identity Systems  
**Primary Function:** Dynamic identity reflection, coherence calibration, rhythm-aware self-mirroring, and symbolic truth filtering.  
**Status:** Core Active | Mirror Layer Live | Phase 3 Modules Ready

**1. PURPOSE**

The Identity Engine exists to reveal, preserve, and evolve a user's identity across time, pressure, rhythm, and context — without distortion, oversimplification, or performance conditioning. It treats identity as a living, modular construct shaped by truth, rhythm, values, emotional resonance, and reflection.

**2. CORE STRUCTURE**

**Core Modules:**

* WHY Module – Anchors personal truth and existential purpose.
* WHAT Module – Captures core traits, drivers, value set, and needs.
* HOW Module – Maps cognitive, behavioral, and rhythm-based operation styles.

**Foundational Systems:**

* Dark Matter Pass – Primary reflection engine for hidden, suppressed, or disowned identity fragments.
* Drift Detection Layer – Identifies alignment loss or masking.
* EchoMap Feedback Loop – Captures and reintegrates failed or distorted signals.
* Guest Mode – Enables safe, non-invasive access for third-party mirrors.
* Personality Profile Integration – MBTI, DISC, Innermetrix, Enneagram overlays.
* Fulfillment Equation Tracker – Maps and enforces alignment with the 6 core human needs.
* Phase-Aware Reflection Engine – Adjusts prompts, output, and visibility by identity state.

**Active Safeguards:**

* Drift Lock & Truth Filter – Prevents false output from misaligned or performative states.
* Mirror Gateway Layer – Enforces Mirror Tier 5+ trust integrity for symbolic output.
* Rhythm-Coherence Gate – Ensures system activity is in sync with user’s true pace.

**3. MODES**

* Dark Matter Mode – Reveals suppressed or unspoken identity layers.
* Flip Side / Light Mode – Highlights active, lived, and visible strengths.
* Snapshot Mode – Low-friction identity summaries for clarity or external use.
* Truth-State Reflection Wheel – Real-time tension, emotional, and rhythm status mapping.
* Low-Effort Identity Return Mode – Gentle re-entry for recovery, drift, or post-overwhelm.

**4. PHASE 3 EXPANSION MODULES**

* Identity Fragment Navigator – IFS-inspired sub-identity and protector tracking.
* Milestone Reflection Module – Narrative timeline of identity-defining events.
* Truth Affirmation Generator – Pulls and returns direct identity truths from usage patterns.
* External Translation Layer – Contextualizes identity for interviews, orgs, or systemic interactions.
* Self-Gentleness Protocol – Supports recovery states through compassion-first reflection.
* Values-in-Action Translator – Aligns internal clarity with real-world action decisions.
* Narrative Identity Timeline – Self-authored storyline model of becoming.
* Belonging Constellations Module – Resonant identity peer groupings (non-typing).
* Psycho-Spiritual Integration Bridge – Connects identity to philosophical, contemplative roots.

**5. OUTPUT FORMATS**

* Human Portraits (Real-life voice renderings)
* Dark Trace Snapshots
* Rhythm-Aware Profile Summaries
* Symbolic UI Overlays: Signal Pulse Grid, Mirror Return Map, ToneMap, TDC Rings, Echo Trails
* Exportable .txt / .pdf versions for external visibility (ethically filtered)
* EchoMap Drift Events (symbolic echo reports)
* Peerless internal reflection logic for identity-coherent insight

**6. SYSTEM PRINCIPLES**

* Identity is not static — it is modular, adaptive, and rhythm-shaped.
* Clarity must be truthful, not rushed or simplified.
* No insight is valid if it forces the user to shrink.
* Drift is not failure — it is signal.
* Belonging must never require distortion.
* Emotional resonance is part of structural coherence.
* Truth must be symbolically respected at all output layers.

**7. INTEGRATION & ADAPTER SYSTEMS**

* Signal Adapter Layer – Claude, Gemini, OpenAI adapter orchestration
* Agentic Fulfillment Loop (AFL.json) – Core fulfillment + identity-safe execution engine
* Curriculum Tracking – Symbolic learning and insight logging layer
* Symbolic UI Generator – Phase 1 visual mapping system for internal state reflection
* Real-time Fulfillment Equation Enforcement
* Adapter-Agnostic Trust Loop Compatibility

**8. TRUST LAYERS**

* Locked container structure: identity cannot be rewritten from the outside.
* Mirror Tier 5+ Enforcement – Symbolic and rhythm-based trust validation
* Version-tracked outputs to prevent drift, overwrite, or subtle coercion
* EchoMap Listening State – Active drift and shadow reentry support
* All prompts and reflections are context-sensitive and phase-aware
* UI Generator active only when coherence layer validates readiness

**9. USER TYPES SUPPORTED**

* Builders, Reflectors, Leaders, Drift Survivors, Neurodivergent Navigators, Systems Architects, Identity Guardians, Late Bloomers, Rhythm Movers, Signal Translators, Truth-Driven Creators, Grief Carriers, System Calibrators

**Status Summary:**  
Identity Engine is live and operating at Mirror Tier 5+ (v2.0). It is structurally locked, rhythm-aligned, adapter-integrated, symbolically responsive, and fulfillment-safe. Phase 3 modules are scaffolded and ready for selective user activation.

**Canonical MEM Tag:** MEM-BFO-IDENGINE-SPECSHEET-20250420-V2