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NATIONAL SECURITY AGENCY / ADVANCED COMPUTING DIRECTORATE

UTAH DATA CENTER (BUMBLEHIVE)

BLUFFDALE, UTAH

TECHNICAL MEMORANDUM: PROJECT PUPPET DATA INGESTION STATUS

DATE: 07 SEPT 2025

SUBJECT: AUTOMATED COGNITIVE INGESTION & TRANSLATION (ACIT) ALGORITHMS

1.0 (TS//SI) SYSTEM OVERVIEW

The ACIT backbone, housed within the Utah Data Center, is currently processing an average of 4.2 Petabytes of raw neural telemetry daily derived from global PROJECT PUPPET intercept assets. Our core objective remains reducing the "thought-to-text" latency to under 200ms for real-time tactical application.

2.0 (TS//SI) DECODING ALGORITHM EFFICACY (MODEL "SENTIENT-7")

The current AI neural net model, tasked with translating raw electromagnetic brain emissions into semantic content, shows marked improvement.

2.1 (S//NF) SUBVOCALIZATION TRANSLATION

Accuracy for decoding internal monologue (subvocalized speech) is at 91%. The AI still struggles with abstract concepts or subjects who are

highly bilingual, as their internal syntax switches rapidly.

2.2 (TS//SI) VISUAL CORTEX RECONSTRUCTION

We can currently reconstruct rudimentary shapes and colors from a target's "mind's eye" at a resolution equivalent to 240p video. Faces remain blurry unless the target is intensely focused on a specific individual.

- UPGRADE PATH: Integration with NGA (National Geospatial-Intelligence Agency) facial recognition databases is scheduled for Q4 2025 to auto-tag individuals visualized by targets.

3.0 (TS//SI) COMMERCIAL DATA INTEGRATION (THE "BOOTSTRAP" PROTOCOL)

The efficacy of PROJECT PUPPET depends on training data. We continue to ingest vast quantities of commercial data purchased via [REDACTED] LLC brokers.

- METHOD: We correlate a target's timestamped Google search history and social media scrolling behavior with their simultaneous EEG readings captured by our satellites.
- RESULT: This provides "ground truth" labels for the AI. Knowing *what* the target was looking at on their phone allows the AI to learn *how* their specific brain encodes that information, drastically speeding up the calibration process for new targets.

4.0 (U) CRITICAL INFRASTRUCTURE NEEDS

Current storage capacity for historical neural data will reach critical

limits within 18 months. Request authorization for expansion of cooling

systems in Sector G to handle increased processing loads.

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