

## **NUT AGI FRAMEWORK: Intended Purpose Statement**

**Document Version:** 1.0

**Date:** January 30, 2026

**System Name:** Nut AGI Framework v.0.1

**Provider:** Nrutseab Ltd.

### **1. System Overview**

Nut is a self-evolving Artificial General Intelligence (AGI) system designed with safety, transparency, and enterprise deployability as core principles. The system integrates multi-domain reasoning, continuous learning, and embedded human governance frameworks within a unified architecture.

### **2. Intended Use Cases**

#### **Primary Applications:**

- Enterprise cognitive automation and strategic foresight
- Financial risk management and portfolio optimization
- Creative production and content generation
- Scientific research acceleration and hypothesis generation
- Multi-modal data analysis and synthesis

### **3. High-Risk Classification**

Under the EU AI Act, Nut is classified as a **HIGH-RISK AI SYSTEM** due to its applications in:

- Financial services (credit scoring, portfolio management, risk assessment)
- Employment decisions (recruitment, performance evaluation)
- Access to essential services (regulatory compliance, resource allocation)

### **4. Target Users**

- Enterprise organizations (Fortune 500, financial institutions)
- Research institutions and laboratories
- Creative agencies and content producers
- Developers and AI researchers
- Government agencies (via public market models only)

### **5. Key Limitations and Constraints**

#### **Technical Limitations:**

- Pre-beta status with performance metrics subject to Q4 2025 validation
- Scalability untested beyond 2TB datasets

- Audio and video modalities at 70% fidelity
- 5% edge-case failure rate in adversarial testing

#### **Operational Constraints:**

- Requires human oversight via Safety Net Protocol (SNP)
- Not suitable for autonomous decision-making without human validation
- Outputs are probabilistic and may contain errors
- Not approved for safety-critical applications (medical diagnosis, aviation, nuclear)

#### **6. Deployment Modes**

**Cloud-Native:** Web and mobile interfaces via nrutseab.com

**API Access:** RESTful/GraphQL endpoints for developers

**Hybrid-Secure:** On-premise deployment for enterprise clients (in development)

**NutChip (R&D):** Dedicated hardware deployment (future roadmap)

#### **7. Compliance Statement**

Nut is designed to comply with:

- EU AI Act (Regulation 2024/1689) - High-Risk AI requirements
- GDPR (General Data Protection Regulation)
- ISO 42001 (AI Management System)
- FIPS 140-2/140-3 (Cryptographic standards)
- China Generative AI Content Labeling Measures
- CCPA/CPRA (California privacy laws)
- PIPL (China Personal Information Protection Law)

#### **8. Disclaimers**

**Pre-Beta Status:** This system is currently in pre-beta development. Performance metrics and capabilities are subject to further validation.

**Output Reliability:** All outputs are probabilistic and require human validation for critical decisions.

**No Medical/Safety-Critical Use:** Nut is not approved for medical diagnosis, treatment decisions, or safety-critical infrastructure management.

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**Hilde Chew**

Nrutseab Ltd. - Chief Executive Officer

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