

NUT AGI FRAMEWORK: Intended Purpose Statement

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System Name: Nut AGI Framework v.0.1

Provider: Nutseab 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 nutseab.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.

Hilde Chew

Nutseab Ltd. - Chief Executive Officer

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