

ROYAL BrAIn™ (ENGLISH VERSION – COPYRIGHT READY)

Royal BrAIn™ – The Global Sovereign Artificial Intelligence for Heraldry, Nobility Law, Genealogy & Chivalric Orders

Foundational Copyright Document & Whitepaper Base – 2025
Edition

Author: Dr. Enea Benedetto

Proprietary Ownership: benediXit Oü – All Rights Reserved

Codename: Royal BrAIn™

1. Mission & Vision

Royal BrAIn™ is the world's first Sovereign Artificial Intelligence designed to analyze, validate, preserve and systematize:

- heraldry
- nobility and dynastic law
- global genealogies
- national, dynastic, ecclesiastical and international chivalric orders

It unifies into a single AI the regulatory, historical and symbolic systems of all countries and all dynastic traditions worldwide.

Royal BrAIn™ aims to become:

- the global authoritative standard for heraldic and genealogical verification
- the digital custodian of dynastic legitimacy
- the interoperability engine for institutions, monarchies, governments, chivalric orders and families
- the certification AI against the global rise of false titles, fake orders and forged lineages

Royal BrAIn™ represents the new cognitive authority for historical identity validation.

2. Global Architecture

Royal BrAIn™ is structured into four interoperable sovereign engines:

2.1. Global Nobility Law Engine™

A worldwide legal harmonization system integrating:

Europe

- UK: College of Arms, Court of the Lord Lyon
- Spain: Real Decreto on noble titles

- France: Ministry of Culture Heraldic Protocol
- Portugal: Conselho de Nobreza
- Belgium, Netherlands, Scandinavia (royal charters and nobility acts)
- Eastern European hereditary rules and post-imperial codifications

Middle East

- Genealogical and nobility frameworks of Gulf monarchies
- Tribal hereditary systems (nasab & ansab)
- Royal decrees of Saudi Arabia, Jordan, Oman, Qatar, UAE, Kuwait, Bahrain

Asia

- Japanese Imperial Monshō system
- Korean Bon-gwan lineage codex

- Thai Royal Household heraldic law
- Chinese historical imperial seals and clan registers

Africa

- Traditional royal houses (Ashanti, Buganda, Zulu, Berber, Ethiopian Imperial House)
- Tribal lineage succession systems (oral → AI semantic validation)

Americas

- Canadian Heraldic Authority
- Latin American post-colonial heraldic structures
- U.S. Lineage Societies (DAR, SAR, Mayflower, Huguenots)

Oceania

- Heraldic systems of Australia, New Zealand
- Indigenous genealogical frameworks

The system interprets 27 global succession models (salic, semi-salic, cognatic, tribal rotational, agnatic, imperial).

2.2. Global Heraldic Engine™

A multilayer visual-linguistic AI capable of:

- decoding heraldic symbols of any tradition
- generating historically accurate blazons
- producing compliant heraldic artwork in 900+ styles
- validating conformity with each jurisdiction's heraldic authority
- performing reverse identification of coats of arms from images

All elements (tinctures, ordinaries, charges, crowns, helms, mantling, supporters, mottos) are globally standardized.

2.3. Global Genealogy Engine™

A planetary genealogical intelligence mapping:

- reigning and non-reigning royal houses
- historic noble houses and post-feudal aristocracies
- Middle Eastern lineages (agnatic nasab tracing)
- African dynastic-linguistic lineages
- East Asian imperial household registers
- Western diaspora genealogies
- Italian, Spanish, Portuguese ancestral tracing
- Native American and Oceanian tribal records

AI outputs include:

- dynastic trees (agnatic, cognatic, mixed)
- succession simulations
- legitimacy scores
- AI-verified lineage certificates

2.4. Global Chivalric Orders Engine™

A unique worldwide catalogue of legitimate chivalric institutions:

1. State Orders

Equivalent to the Italian example (ex Law 178/1951), expanded worldwide:

- UK: Garter, Thistle, Bath
- Spain: Carlos III, Isabel la Católica
- France: Légion d'Honneur

- Japan: Order of the Chrysanthemum
- Morocco: Order of the Throne
- Thailand: White Elephant
- Brazil, Mexico, Argentina, Peru, etc.

2. Dynastic Orders

- Bourbon-Two Sicilies
- Savoy
- Braganza
- Romanov
- Hashemite
- Royal Houses globally

3. Ecclesiastical Orders

- Sovereign Military Order of Malta

- Order of the Holy Sepulchre
- Oriental Patriarchal Orders

4. Orders recognized by ICOC

Full integration and AI validation.

5. Anti-Forgery System

Identification of:

- fake orders
- fabricated titles
- forged patents
- non-legitimate organizations

3. Sovereign Trust Layer™ (Blockchain & Digital Notary)

Features:

- immutable certification
- AI-notarized heraldic and genealogical records
- NFT private tokens for coats of arms and patents
- smart contracts for succession and membership validation
- sovereign distributed registry

4. Applications

- Governments & State Heraldic Authorities
- Monarchies & Royal Houses
- Dynastic Orders & Ecclesiastical Orders
- Museums and Archives

- Genealogical Research Centers
- Diaspora identification services
- Private clients (heritage validation)

5. Business Model

- Institutional SaaS
- Private Heritage Membership
- Professional Verification Services
- Licensing API
- Archival Digitization Contracts

6. Intellectual Property Declaration

Royal BrAIn™ is an original AI architecture, concept, structure, dataset taxonomy and system design created by Dr. Enea Benedetto and owned by benediXit Oü.

All rights reserved. Reproduction without authorization is prohibited.

Made in Turin on November 20th, 2025, by Enea BENEDETTO