

IMEUS Healthcare AI Grid

The Grid Operator for Sovereign Health Nations

COLLABORATING THE WORLD'S BEST BRANDS

www.IMEUS.com



A sovereign, regulated, federated intelligence infrastructure that connects healthcare stakeholders, data spaces, AI models, agentic workflows, trust controls, and national outcome intelligence.



1 CENTRAL ARCHITECTURE STACK

1 **Policy & Governance** Ministry rules, regulation, consent policy, clinical safety, interoperability standards

2 **TrustGrid** Audit, provenance, explainability, accountability, compliance, incident traceability

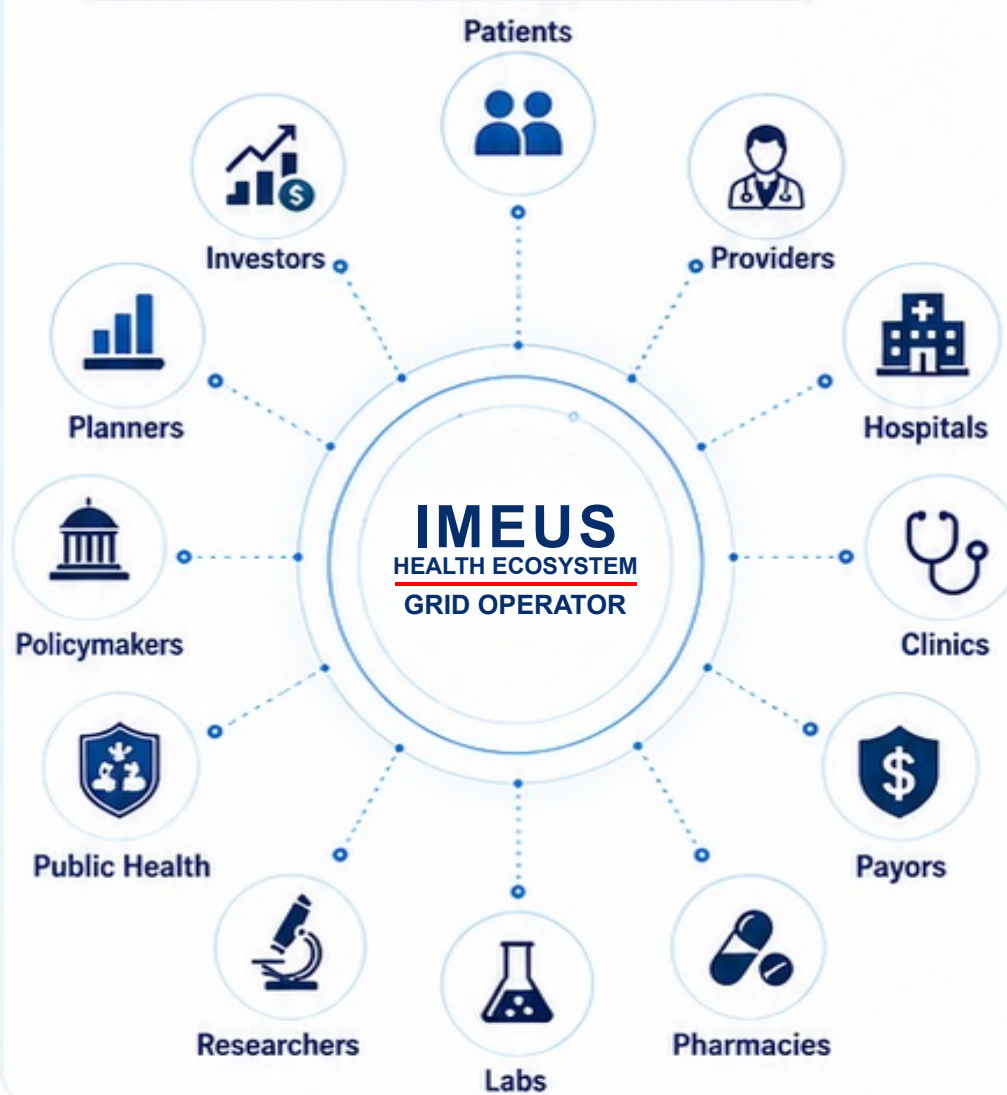
3 **Agentic Orchestration** Patient, Doctor, Nurse, Hospital, Payor, Regulator, Research, Finance, Cyber agents

4 **Model Registry** Approved models, risk class, validation, bias review, version control, recall

5 **Federated Health Data Space** CyEMR, LH-R, XO-I, FHIR exchange, role-based access, privacy-preserving analytics

6 **Sovereign Compute** AI factories, cloud, edge, hospital nodes, secure inference, national compute capacity

2 ECOSYSTEM PARTICIPANTS



3 IMEUS CORE MODULES

MEDIUM



Unified healthcare ecosystem

CyEMR



Clinical data core

LH-R



Lifetime health repository

XO-I



Identity, consent, personal vault

BIZTIUM



Business and compliance layer

FINTXCH



Finance, settlement, reimbursement

SECXRE



Cybersecurity and resilience

IMEUS-X



Devices, IoT, edge integration

4 KEY OUTCOMES



Sovereign Data Governance
Data remains controlled, governed, and policy-aligned



Trusted AI
Validated, auditable, explainable intelligence



Citizen Consent
Person-controlled access and transparency



FHIR-Native Interoperability
Standards-based healthcare exchange



Multi-Agent Workflows
Coordinated task automation across stakeholders



National Health Intelligence
Population, cost, quality, and access insights



Cyber Resilience
Systemic protection for critical health infrastructure



Value-Based Financing
Outcome-aware reimbursement and settlement

IMEUS transforms healthcare AI from isolated tools into a governed national intelligence grid



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