NEXT-GEN DATA PLATFORM FOR HEALTHCARE & AVIATION SECURITY

- IRM Inc.

- Presented by: Samuel Choi

IRM

Idea to Reality in Medicine

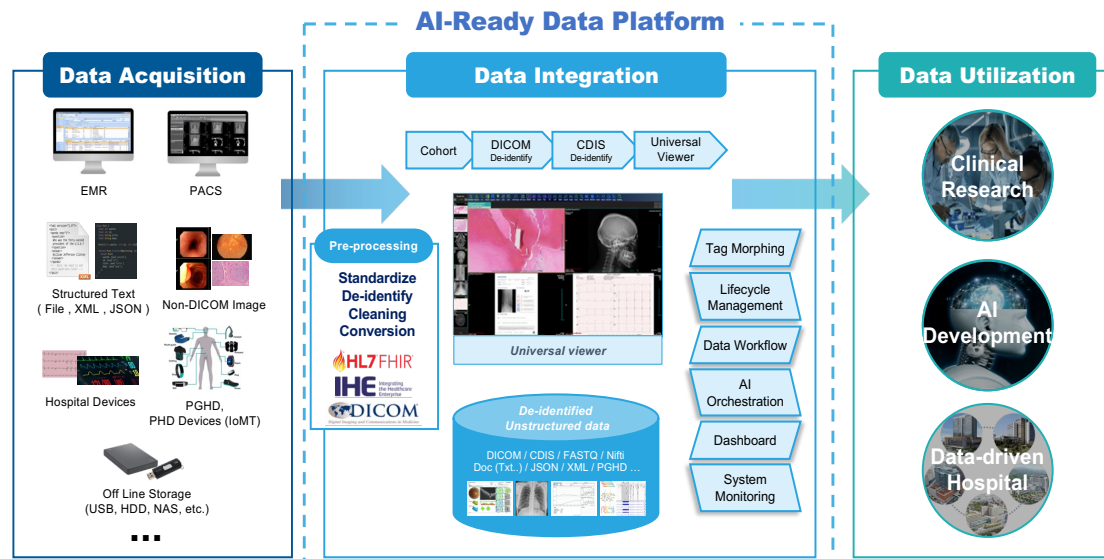# ORGANIZATION DESCRIPTION

Samuel Choi PhD

CEO, IRM

Founder & CTO, ETERNE (Meerecompany)
Co-President, RAY
Co-Founder, INFINITT HEALTHCARE

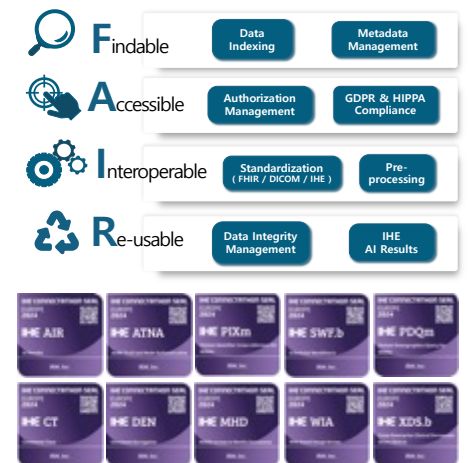### Pioneering Health Data Enablement

Core Competences - *Data Integration/Exchange*

Medical Big Data Interoperability

- **Seamless integration** with PACS, EMR and HIS with **global standards (DICOM, IHE, HL7 FHIR)**
- Automated **metadata tagging** & **pre-processing**
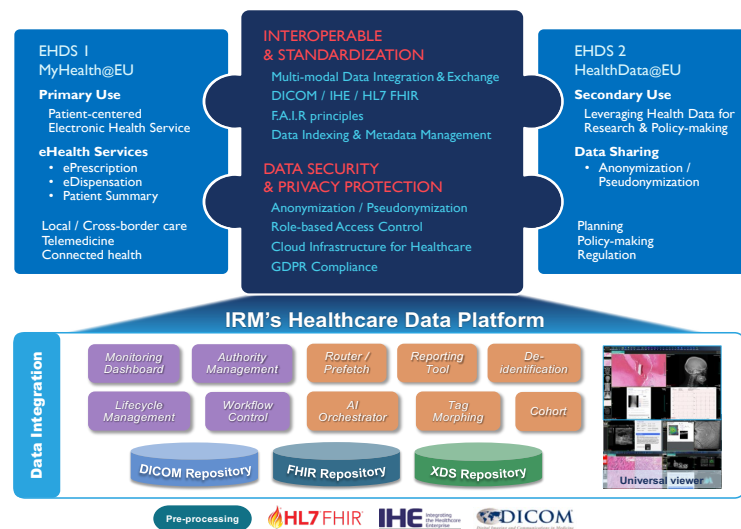
AI-Ready Data Processing

- AI results **standardization**
- Processing original data to ensure **AI-Ready**
- **Collaboration and Joint R&D** with AI companies
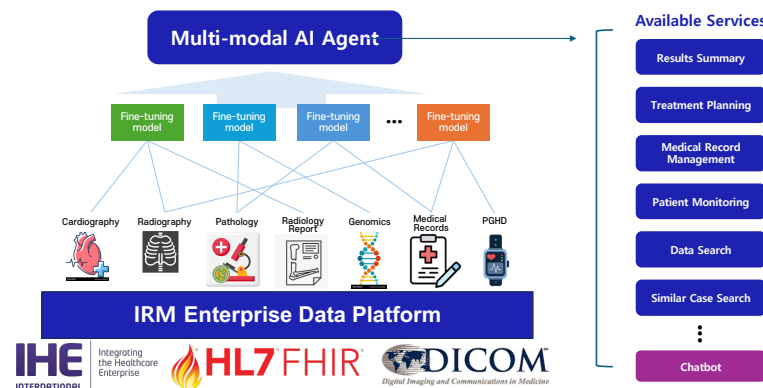
COLLABORATION:
AREAS OF INTEREST

Data Platform for Common Health Data Space

- **Enhancing the value and usability** of health data
- Advancing **patient-centric data access** & enabling **seamless interoperability** for continuous healthcare
- **Ensuring secure and ethical utilization** of health data for research, innovation and policy decisions
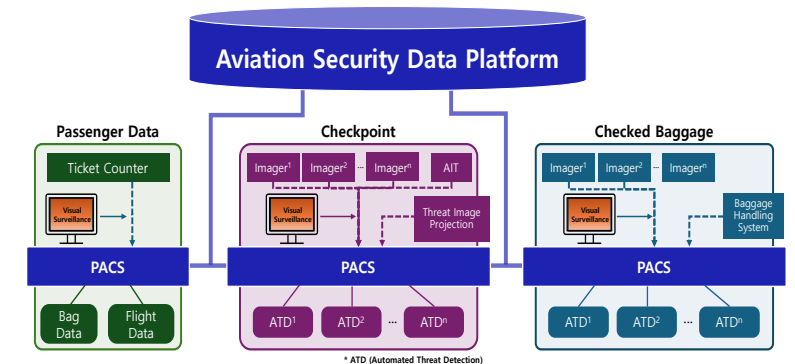

Multi-modal AI Agent on Healthcare Data Platform

- **Leveraging Multi-modal AI analytics** to drive precision medicine & personalized treatment
- **Empowering clinical decision-making** and driving **operational efficiency** through workload optimization
- Establishing **AI-ready healthcare data ecosystem** to accelerate medical research and innovation
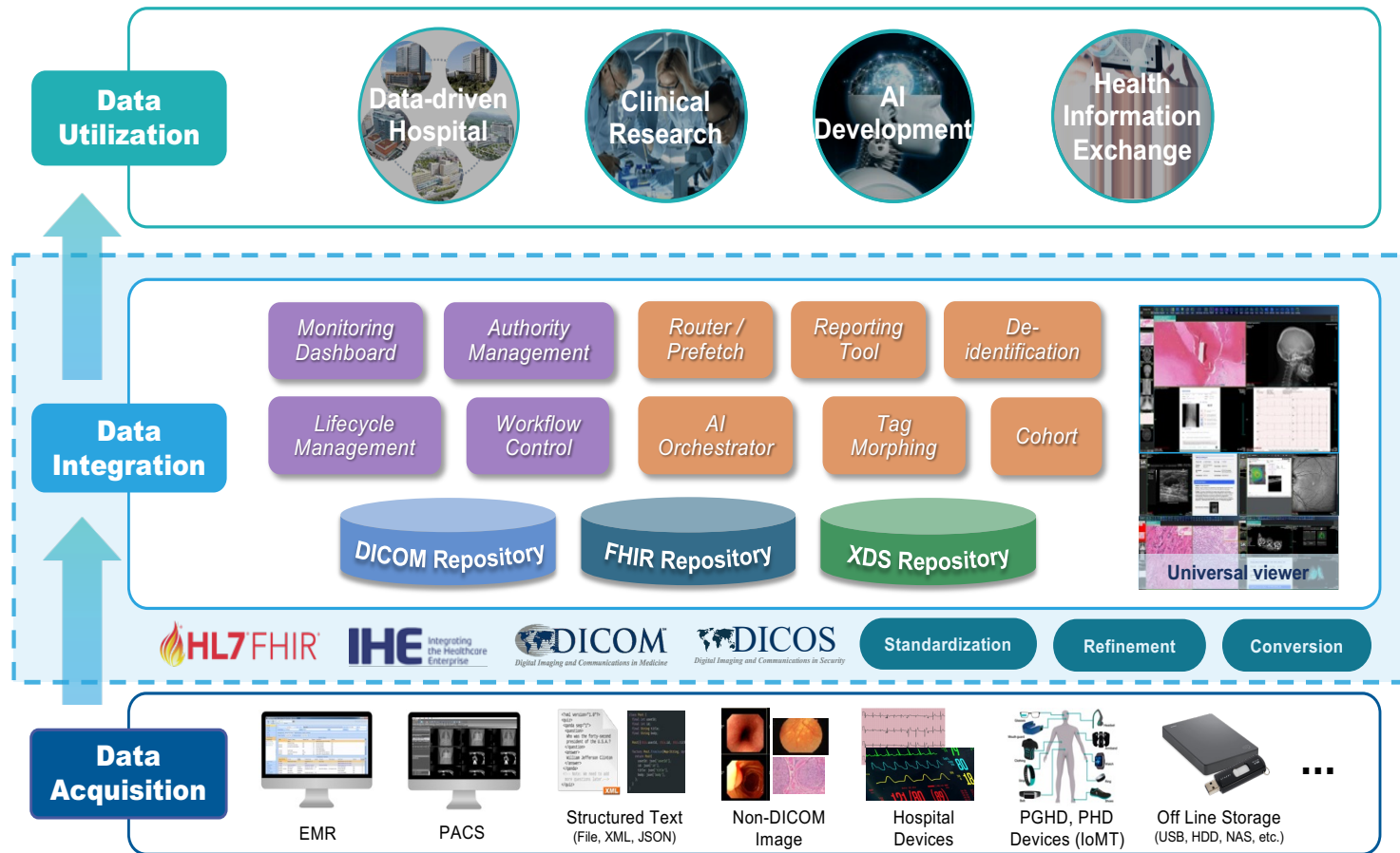

DICOS-based Aviation Security Data Platform

- **Facilitating cross-border security collaboration** through real-time aviation data exchange
- **Optimizing security screening processes** through DICOS standard
- Aligning aviation security protocols with international standards to **future-proof security operations**

COLLABORATION:
INNOVATION PARTNERS AND/OR PROJECTS OF INTEREST

Partners for Common Health Data Space

- **EHR vendors** expertise in adapting to diverse national & institutional healthcare systems
- **Hospitals/Clinics** in target countries for collaboration
- Organizations committed to building **EHDS-compliant solutions/services**

Partners for Multi-modal AI Agent

- **Companies, institutions, and research centers** specialized in LLM-based AI development
- Organizations engaged in AI research and development **leveraging Multi-modal medical data**

Partners for Aviation Security Data Platform

- **Companies and institutions** aiming to develop risk analytics & response systems **utilizing integrated aviation security data**
- **Companies, Universities and Research centers** specializing in aviation security technology

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