OUR VISION

AI · Data · Cloud Platform Company
Going Beyond Integration Middleware No.1 Company

Hyper-innovative

METABUILD
Accelerating the Innovation Edge

- **AI**
- **Big Data**
- **Cloud**

01
Accelerating Cloud Any-Integration
① Cloud-Native ESB, API Gateway, mHUB
② Cloud-Native Technology Certification of all products
③ Expand subscriptive cloud services (SaaS)

02
Expand into the Cloud-based B2G & B2C Market
① Establishing nationwide API gateway of Digital Platform Government
② Transitioning government administrative · public information system to cloud-native
③ AI · Data-driven public service development
④ Expand cloud-based On-Demand B2B services

03
Development of Convergence Service based on Generative AI Platform
① Development of application services based on AI platform sLM/LLM/ML
② Providing subscriptive AI composition & hyper-realistic digital human services

OUR PARTNERS

4,000 + Clients

Government · Public · Finance · Manufacturing
Telecommunications · Distribution · Traffic, etc.

KAIT Korea Association for ICT Promotion
KB Kookmin Bank
KEB Hana Bank · KDB Bank
KOREA FEDERATION OF BANKS · KODIT
BNK Financial Group
BCcard
NPS National Pension Service 30th
KLID Korea Local Information Research & Development Institute
NIA NATIONAL INFORMATION SOCIETY AGENCY
KORAIL Korea National Railway · Korea Workers' Compensation & Welfare Service
KEPCO · HIRA HEALTH INSURANCE REVIEW & ASSESSMENT SERVICE
Incheon Airport
h-well National Health Insurance Corporation
대법원 SUPREME COURT OF KOREA
Ministry of Health and Welfare · Ministry of Economy and Finance
Defense Acquisition Program Administration · Ministry of the Interior and Safety
National Tax Service · MOLIT
Ministry of Environment
Ministry of National Defense Republic of Korea
SK · CJ · Dongwon
ASIANA AIRLINES · kt · GS
ex Korea Expressway Corporation · 남해화학
CIC · emart
PARADISE

CONNECT WITH US

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Platforms for the AI Era

METABUILD SOLUTIONS

AI · Data · Smart Platform Connection & Integration

METABUILD

mb METABUILD

ABOUT US

Hyper-Innovative Company Connecting Data and Services & Reality and Digital

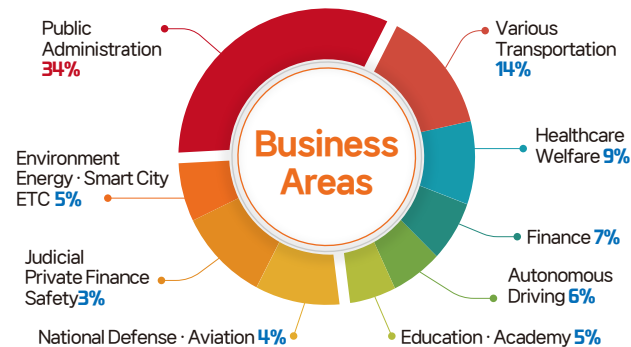| Foundation	Founder & CEO
1998. 11. 23	Dr. Cho Poong-youn (Dr. of Engineering)

○ **Employees** 400
※ Operating innovative SW R&D Lab with professional researchers in smart technologies such as Traffic Sensors · Digital Human · AI · Data Middleware · Smart Platforms

○ **Total Patent** Acquired 50+ for SW, Radar, AI, Transportation, etc.
○ **Certifications** GS, CC, NET, EPC, TTA, Excellent Product, etc. (22 in total)

OUR BUSINESS AREAS

Establishing Digital Platform Government	Digital Transformation for Business	AI-Based Convergence Service
Public Admin · Education, National Defense, Healthcare · Welfare, Safety, etc.	Finance · Manufacturing, Logistics · Distribution, Energy, etc.	Intelligent transportation, Autonomous driving, Smart construction, Digital twin, Digital human, etc.

AI → Connecting · Integrating Middleware → Smart Platform

Provide digital innovation services in B2G · B2B field based on Integration Middleware, AI · Big Data, and Smart Platforms

Business Areas

- Public Administration **34%**
- Various Transportation **14%**
- Healthcare Welfare **9%**
- Finance **7%**
- Autonomous Driving **6%**
- Education · Academy **5%**
- National Defense · Aviation **4%**
- Judicial Private Finance Safety **3%**
- Environment Energy · Smart City ETC **5%**

OUR PRODUCTS

01 AI · Data
Generative AI Platform / Interactive Digital Human

#Nursing care supply prediction and Fair Detection System (National Health Insurance Service, NHIS)
#Insurance assessment and Fraud Detection System (Health Insurance Review and Assessment Service, HIRA)
#Fraud Detection System (Hana Card)

Category	Product Name	Key Technology	Key Functions and Services
AI MyData	LLaMON	sLM/LLM	Service recommendations, Sentiment Analysis, Text classification and summary
	MAIAUTO	AI Platform (LLM/MLOps)	LLMOps, MLOps (Consultation, Chatbot, Emotion, Creation, FDS, etc.)
	PILLLUCK	MyData Platform for industrial victims' medical rehabilitation	Medical delivery service
	MAI VOCAL	AI-based multi-tonal vocal guide	AI-based multi-tonal vocal guiding and training
	KEENEAT	AI music composer/AI music generator platform, KEENEAT	AI soundtrack generation service for creators
	R2MIX http://r2mix.com	Realistic AI Digital Human	Digital Human live streaming & broadcasting

02 Connecting · Integrating Middleware
Cloud-Native Solutions : MESIM SaaS/gSaaS

#Public Information Sharing System (Ministry of the Interior and Safety)
#Incheon International Airport Corporation IIS(Integrated Information System)
#Next Generation Social Security Information System (Korea Social Security Information Service, SSIS)

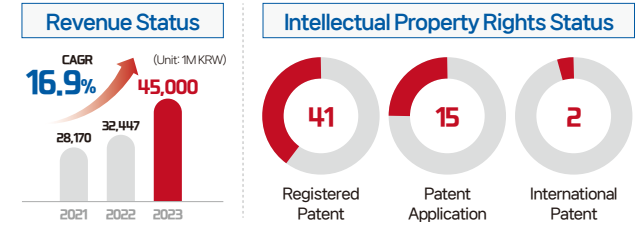| Category	Product Name	Key Technology	Key Functions and Services
Connecting & Integrating Middleware	MESIM ESB	Connecting & Integrating Middleware	Connecting and integrating data
	MESIM APIG	API operation management	API management(API security policy, configuration and usage statistics, etc.)
	MESIM DataHUB	Data storage and management	Data set and catalog management
	MESIM MCI	Channel integration	Platform for integrating different financial channels
	MESIM mHUB	Data Connection among separated multi-networks	High-speed transmission using InfiniBand (CC certification)
	MESIM IoT	Internet of Things (IoT)	Real time IoT data collection and management

03 Digital Twin-Based Smart Platform
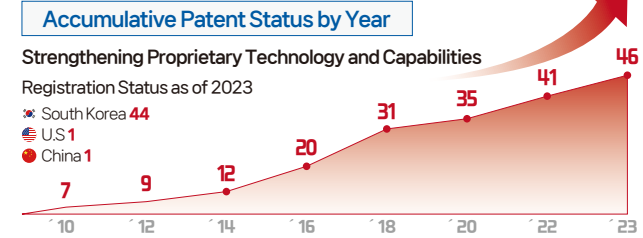### Smart City and Mobility Platform

#Saemangeum autonomous driving testbed (Jeollabuk-do)
#Digital Twin-based traffic management system (Korea Expressway Corporation)
#Namsan Tunnel 1 Incident Detection System (Seoul Metropolitan Government)

Category	Product Name	Key Technology	Key Functions and Services
Digital Twin Platform	Traffic Digital Twin	Digital twin transportation platform	Digital twin based intelligent traffic managment
	SMART CAMS	Integrated control system of cooperative autonomous driving (self-driving)	Autonomous vehicles, roadside equipments, and facilities
	SMART CITY	Smart City Platform	Integrated platform for smarty city operations
	SMART CONS	Smart Construction Platform	Digital twin platform for construction sites management
	SMART IDS	Traffic radar sensor for detecting incidents	Radar-based all-terrain 24hr traffic Incident detection
	SMART VDS	Traffic radar sensor for vehicle speed detection	Traffic information collection such as vehicle location, speed, and traffic volume etc.
	MAI SEE	Traffic video incident detection sensor	Classification and processing of incident cases based on deep-learning
	Smart-uMOP	Multi Drone Operation Platform	IoT based multi-purpose drones control and operations

PERFORMANCE AND INNOVATION

Revenue Status
CAGR **16.9%** (Unit: 1M KRW)
- 2021: 28,170
- 2022: 32,447
- 2023: 45,000

Intellectual Property Rights Status
- **41** Registered Patent
- **15** Patent Application
- **2** International Patent

Own competitive proprietary technologies through continuous R&D investment

Accumulative Patent Status by Year
Strengthening Proprietary Technology and Capabilities

Registration Status as of 2023
- 🇰🇷 South Korea **44**
- 🇺🇸 U.S **1**
- 🇨🇳 China **1**

'10	'12	'14	'16	'18	'20	'22	'23
7	9	12	20	31	35	41	46

CERTIFICATIONS

- Excellent Product Designation by Public Procurement Service
- Seoul SME Certified by Seoul Metropolitan Government
- Outstanding Venture Certification
- Inno-Biz Certification
- Certified as an Excellent Technology Company

CSAP | GS | CC | NET | KC | EPC | TTA | oneM2M

AWARDS

63 Awards
From Government Ministries and Public Institutions

2023 Network Connection Security SW BMT No.1 (Government Affiliated Organization for Software Quality Certification, TTA)
2033 Selected as SW High Growth Club
2022 The 13th Korea Data Technology Innovation Award
The 9th Korea Big Data Awards, the Best Solution Award
2021 World Smart City Outstanding Company Award from Korean Ministry of Science and ICT
2020 Global Commercial SW Luxury Award by Korean Minister of Science and ICT
2019 The 6th Korea SW Product Quality Award
2017 Top 10 Smart City Companies Award from Korean Minister of Land, Infrastructure and Transport
2016 Iron Tower Order of Industrial Service Merit for Korea ICT Innovation
2010 Commendation of Korean Prime Minister for Software Contribution
2003 Presidential Commendation for the Best E-Government Software Solution Company