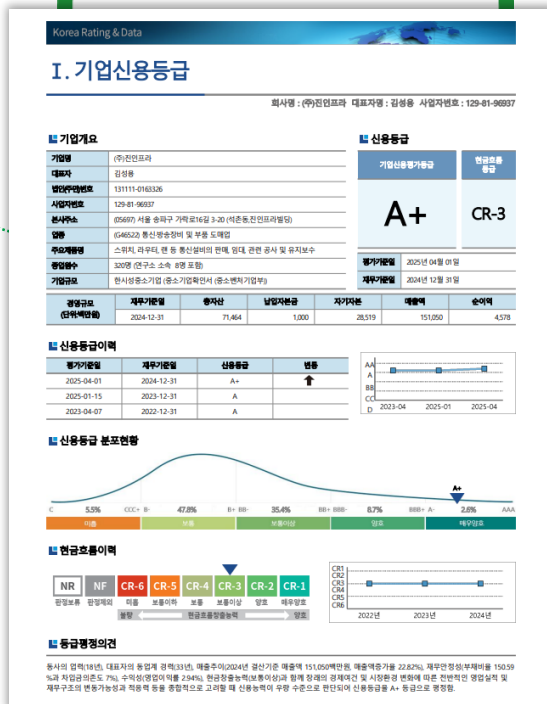




General Overview

“Introducing Jininfra, a total IT company”

Credit Rating “ **A+** ”
(Issuance Date : 2025/04/01)



Company Name	Jininfra Co.,Ltd.
CEO	Kim Sung Yong
Date of Establishment	May 4, 2006
Headquarter Address	3-20, Garak-ro 16-gil, Songpa-gu, Seoul, Republic of Korea
Business Area	1. Network design, construction, and maintenance 2. Telecommunication circuit and equipment leasing 3. Information and communication construction, electrical construction, fire safety construction 4. Cloud infrastructure setup 5. Enterprise mobile solutions 6. Vehicle telematics platform 7. e-commerce business system construction and maintenance
Main Products	Network equipment, wired/wireless communication equipment
Tel	02-330-3900
Website	http://www.jininfra.com

Nationwide Regional Centers and Branch Offices



Headquarters, 6 branches, 14 centers
21 locations nationwide

JIN INFRA

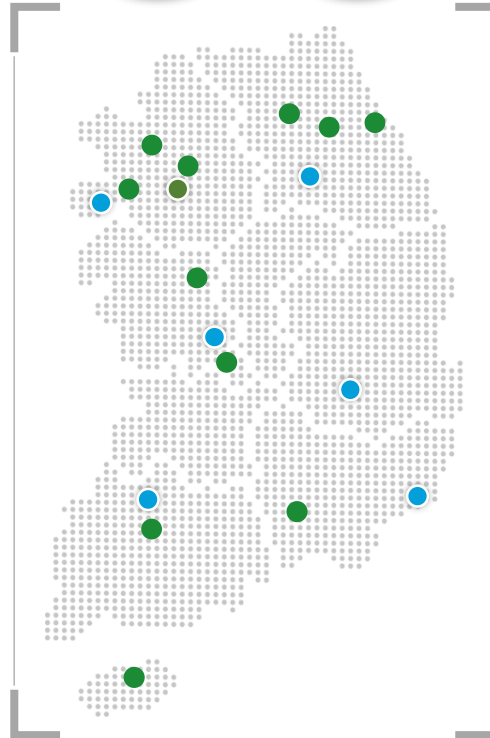
National opening/maintenance/consulting
Performing organization composition

National Status	HQ	branches	center
	1	6	14

Metro-politan area	HQ	branches	center
	HQ	Gyeongin	Gangbuk Gangnam metropolitan area

Chung-cheong area	branches	center
	Daejeon B	Chungnam Chungbuk Daejeon

Jeonla area	branches	center
	Gwangju	Gwangju



Gangwon area	branches	center
	Gangwon	Chuncheon Gangneung Gangwon

Gyeong-sang area	branches	center
	Busan Daegu	Busan Daegu Gyeongnam

Jeju area	center
	Jeju

Legend		
● headquarters	● branch	● center



Main Business Areas

01

IT Equipment rental

- network
- security
- solution

02

Communication line

- transfer
- VPN
- Flexline

03

Network/ Information Security

- network
- WLAN
- Information Security
- On-site installation
Managed Services

04

Cloud

- xTrain Cloud
- Private Cloud
- Managed Services

05

Solution

- Ethernet Switch
- TeamsVoice
- Currency Solution
- Paperless
- mVoIP
- Network Routing
Area Management

06

Mobile

- Smartphone/IoT opening

07

Vehicle Informatization Platform

- Business Car Sharing•Managed Services
- eTAS Agency Submission• Vehicle Control Services

08

E-commerce

- Product Distribution
- Brand Business
- e-DAS

09

Construction

- Information and Communication Corporation
- Electrical work
- Fire Protection Facilities Construction

10

Maintenance

- Maintenance Resident
- IDC Operations
- Remote Control

Rapid Workplace Shift with ChatGPT

By playing a key role in maximizing business performance across various aspects such as **cost reduction, productivity improvement, creation of new opportunities, and enhanced customer satisfaction...**

The adoption of generative AI can no longer be delayed.



72% of domestic organizations say, “We use generative AI in our work” higher than the Asia-Pacific regional average.

On the 2nd, IDC Korea released a report titled “A Study on Domestic Use Cases of Generative AI in Work” and published survey results on the adoption of generative AI among organizations in the Asia-Pacific region. The survey, conducted by IDC Korea, covered over 450 organizations across the Asia-Pacific, including more than 50 organizations in Korea.

According to the results, 72% of Korean organizations responded that they are “currently using” generative AI, while 86% reported using general AI features.

**Referenced from : <https://www.mk.co.kr/news/it/11129676>

Simple, repetitive, and time-consuming tasks

Automating repetitive and simple tasks through AI

Difficulty in analyzing large volumes of data and generating accurate reports

Providing more accurate and practical insights through domain-specific data analysis

Providing customer service that requires 24/7 year-round support

Delivering customer service through AI-powered chatbots and virtual assistants

Complex and diverse internal regulations and employee training

Providing customized chatbots for internal regulations and delivering key information through summarized training materials



Introduction to JIN AI Business Platform

Integrated AI Services: From Adoption Consulting to Operations

From requirements analysis to deployment, operation, and maintenance

We provide effective and customized AI adoption services.



LLM + RAG-based AI services JIN AI Business Platform

Key services for AI adoption

Requirements analysis

- 1 Analysis of services to be delivered through LLM adoption
- 2 Verification of data and resources for AI adoption
- 3 Assessment of LLM adoption feasibility and case analysis

Data preparation and customization

- 1 Collection and analysis of client-owned internal data
- 2 Collection and analysis of external public and reference data
- 3 Refinement and processing of data for LLM utilization

LLM selection and RAG application

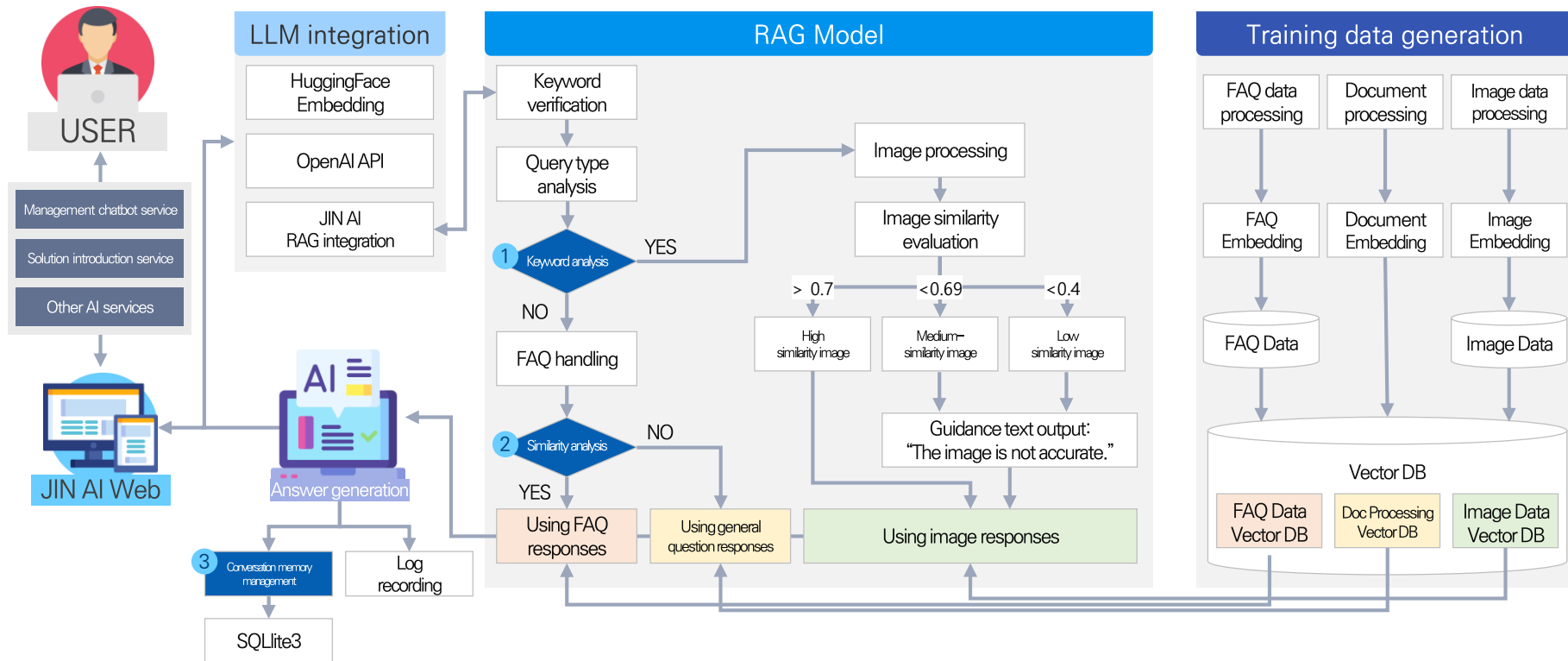
- 1 Recommendation of the most optimized LLM for client requirements
- 2 Applied LLMs: OpenAI, Claude AI, OLLAMA ...
- 3 Integration with client databases to apply the latest data and provide responses



Introduction to JIN AI Business Platform

AI-Powered Services: From Keyword Analysis to Similarity Search

JIN AI System Architecture Diagram



Key components

- 1 Prompt-based analysis with diagrams, images, and keywords
- 2 Determination of whether to provide an FAQ answer or a general response based on similarity ≥ 0.80
- 3 Providing more accurate answers and improved performance based on past data through conversation memory management



Driving AI Success with Systematic Consulting

flexible and accurate AI adoption services through the language generation capabilities of LLMs and real-time information retrieval based on RAG.

One-Stop

Providing integrated services including pre-consulting, implementation, and deployment

Flexible service

Delivering AI services that incorporate specialized information across various fields

AI Optimization

Client-specific AI tuning through data preparation and prompt optimization

High reliability

Providing highly reliable responses based on RAG technology

AI Specialist

Systematic service delivery by the proposing company's dedicated AI team

It is essential to deploy RAG-driven AI solutions tailored to each business sector

AI adoption must fit specific fields and needs

- Customized AI adoption tailored to client needs and goals is required.
- Assessment of feasibility and suitability of applied LLMs and technologies is required.

Accuracy of AI responses varies by client inquiry

- Inaccurate responses and degraded AI performance caused by improper prompts
- The same question may generate different responses depending on the model.

Inability of LLM-based AI services to reflect the latest information

- AI responses dependent on data trained up to a specific point in time
- Inability to provide answers that reflect rapidly changing latest information or updates

Inability to provide reliable sources and domain-specific answers

- Situations where the source or reliability of the information in responses cannot be clearly explained
- Inability to provide customized responses tailored to client- or business-specific situations





Leading the Public AI Market with Proven Experience

Hyper-Scale AI for Smart Firefighting & Architecture Services

Consor
-tium

'24년 초거대 AI 사업계획
공공·민간 등이 초거대 AI를 활용하여 혁신서비스 창출하도록 지원
① 플랫폼 이용 ② 서비스 개발

초거대 AI 기반 "서비스개발지원" (공공범용)
**초거대 AI 기반
스마트 소방·건축 서비스 구축**

Hyper CLOVA X
(HCX-003)

JinInfra Main Business Areas

CLOVA X – development of smart firefighting and Architecture services based on Hyper-scale AI

Cloud: Naver Cloud MSP provider

NAVER Cloud

Seoul City Smart Big Data Service Platform

project

서울특별시 서울 열린데이터 광장

서울 열린데이터 광장 공공데이터 통계 서울빅데이터 소식&참여 이용안내

로그인 | 회원가입 | 사이트맵

찾고 싶은 데이터를 입력해 주세요. **Q 검색**

지하철 | 연구 | 도서관 | 자치구별 | 마을이

2024년 9월 기준
**서울 열린데이터광장
전체 공공데이터 목록 및 이용현황**

서울시민을 위한 공공데이터
열린데이터광장에
있는 공공데이터를

공공데이터
7,932

OpenAPI
FILE 1,867
CHART 116
LINK 126

열린데이터광장 전체 공공데이터 목록 및 이용현황(24년 9월) 1/6 < H >

Hyper CLOVA X
(HCX-003)

JinInfra Main Business Areas

CLOVA X Large-scale LLM
: HYPER CLOVA X supply and operation

Cloud: Naver Cloud MSP provider

NAVER Cloud

Holds references from participating
in various public AI service projects

A pioneer in the public AI service market



JIN AI Business Platform 레퍼런스

Operation of the MWC Barcelona 2025 : Global Innovation Tech Exhibition

Vuzix Blade 2: Real-time Sign Language Capture & Display AR Glasses



- ⚙️ **Purpose**
Real-time AR+AI communication
- ⚙️ **Multimodal Integrated Processing**
KSL ↔ KR/EN speech & text
- ⚙️ **Global Expansion**
Add ASL, JSL, global languages
- ⚙️ **Multimodal Integrated Processing**
Barrier-free, inclusive access

“Immersive UI based on AR”

This technology enables research and patents in sign language and facial recognition, real-time AI, and AR UI/UX; enhances the quality of life and social inclusion for the deaf; improves accessibility and efficiency in public services; demonstrates the social value of AI while creating new assistive tech markets; supports global communication for KSL users; and is applicable across various industries.

Advanced multimodal AI and AR support nonverbal communication, enable research and patents, and expand the AR glasses market.



캘컴 社: 국내 최초 ISV 자격 획득 (23.08)

Necessity of AI solutions for this project

Driving Customized Projects for Accessible AI in Daily Life



Considerations

Service applicant concerns



The complicated application process made it hard for me to apply for childcare services.

Delays in caregiver matching meant I couldn't get one when needed, so I ended up giving up.

Improving inefficiencies in childcare services, such as **complex applications and matching delays due to workforce shortages**, by implementing AI-powered, personalized, and automated care.



Challenges with applying for childcare services and complex procedures

- **Childcare service application:** complicated options and unfamiliar terminology
- Many complicated documents required from individuals, such as family relationship certificates
- Users find it difficult to determine which type of service to apply for in order to receive government support



Rising care demand, but limited use due to matching limitations

“The reality where customization is difficult, matching is slow, and satisfaction depends on luck”

- Customized matching based on child's traits and health requirements is impossible or limited
- Assignments often take several days or fail, undermining trust for families in need of urgent care
- Service quality varies in caregivers' experience, attitude, and communication skills, creating anxiety about reapplying

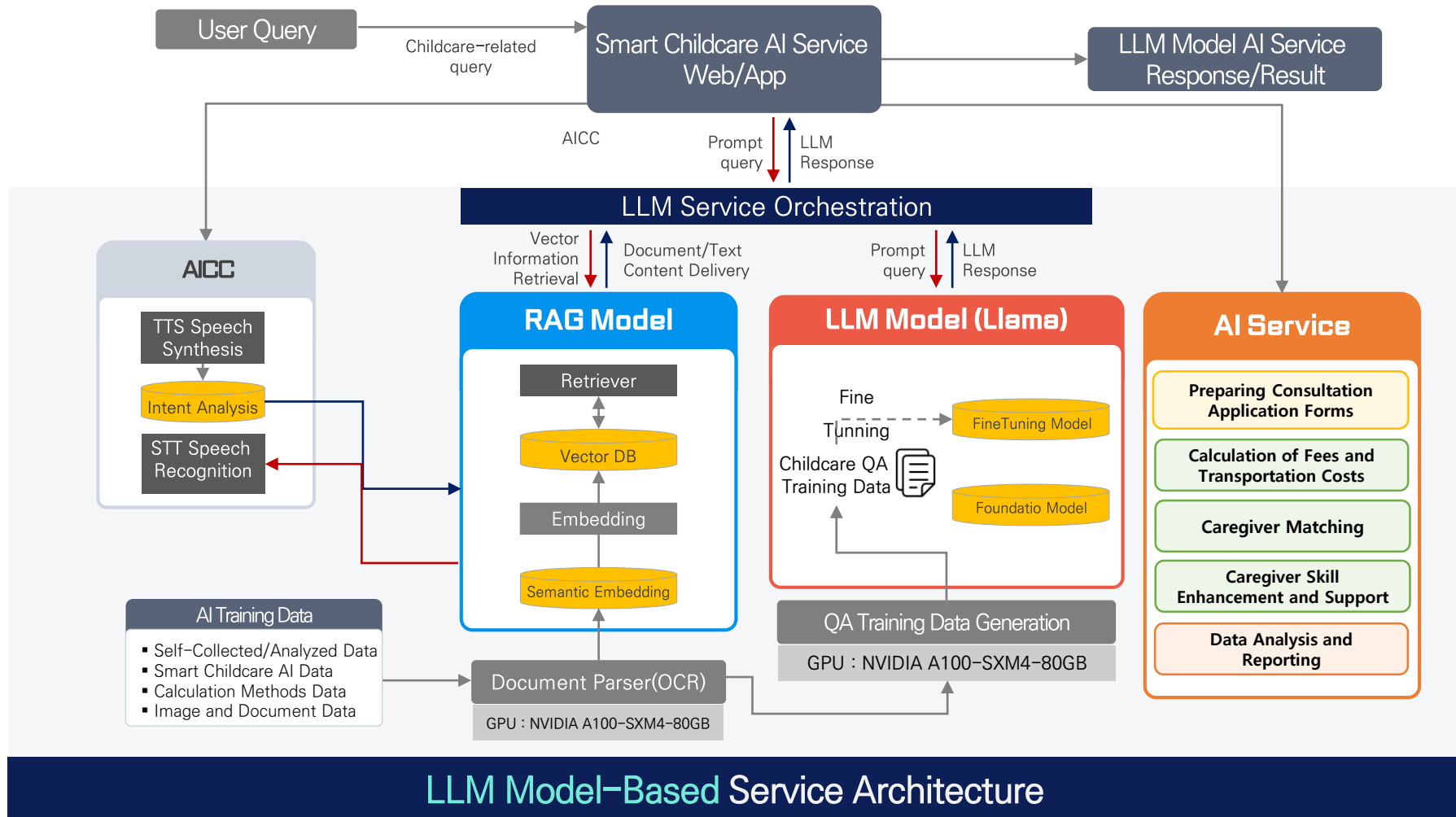
Need for professional and efficient childcare service management!

- ✓ Pre-review completed for AI solution field application and operation plan
- ✓ Technical verification completed through pre-AI application simulation before project initiation
- ✓ Thorough pre-environment analysis for AI adoption in childcare to establish a flawless project schedule



AI-based smart childcare support service configuration

Developing services for efficient childcare operations





Impact and Expected Outcomes

Creating a Child-Friendly Society with AI-Enhanced Childcare

Social Impact

Enhanced Public Childcare Convenience
through Fast and Accurate AI Solutions

Increase Childcare Service Satisfaction

- 1 **Improve Access and Reduce Service Gaps**
Care Blind Spots through AI Automation
- 2 **Citizen-Centered Public Services**
Reduce Childcare Burden for Vulnerable Families
- 3 **Support Women's Workforce Participation**
Share Family Care Responsibilities
- 4 **Narrow Regional Care Service Gaps**
Reduce Digital Disparities for Equitable Public Services

Expected Benefits of Childcare Service

Solve access difficulties for childcare service users	70% → Min. 50%
Reduce application time via automated form filling	Avg. 30 min. →within 5m.
Speed up assignment using recommendation algorithms	Avg. 2.8days →within 1d.
Cut calculation time through simulation tools	Avg. 10 min. →within 30s.

Economic Impact

Reduced Government Budget
and Administrative Costs

Savings on National Budget

- ① Reduced Costs & Improved Efficiency
- ② Enhanced Financial Efficiency
- ③ Job Creation & Industry Linkage



Daily Requests: 5 cases

With AI(Expected): 60 cases

Avg. Processing Time: 20 min → 1,200 min (20 hour)

Estimated Savings Nationwide: ₩600M

Reduced national administrative costs

- ① 122,729 childcare service applications in 2023
- ② 2023 budget: ₩548.5B, 40.3% increase vs. 2020
- ③ cost savings through AI-automated processing

Automated applications

Cost reduction via AI

30-50% annual workload reduction per staff

Annual 45-day workload savings

Technological Impact

Integration of Multimodal AI
(Text + Speech + Video)

via Integrated AI Modules

Voice-Text UI/UX



STT-Based
Inter-Agency
AI



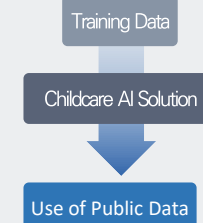
TTS-Based
Inter-Agency
AI



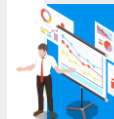
OCR-Based
Inter-Agency
AI

via multimodal AI in public services
Demonstrated scalability

AI Data Asset Accumulation & Reuse



Structured real-world data (application types, user prompts, matching data, QA) forms a public AI training dataset, enabling domain expansion and retraining pipelines for future services (eldercare, disability support, citizen chatbots).



Data asset creation and retraining ecosystem
via LLM Ops for service applications