

K-Group

Business introduction

2023. 08



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K-One Business Introduction

- 01 Introduction
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- 03 Domestic service organization
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Introduction

POINT MESSAGE



K-Group Introduction

K-Group Overview

General Overview

Est.

✓ 1996 ~ present (27 years)

Core Biz

✓ Maintenance, Network, AI/ITO, Smart Business

Business Performance

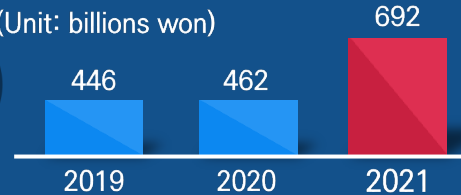
Rev.

(Unit: billions won)



TA

(Unit: billions won)



Workforce Structure

※ Total : 1051 (100% full-time employees)

(55) Manager

(970) Engineer

(26) Sales Rep

K-Group Key Certifications

Service Excellence Certifications



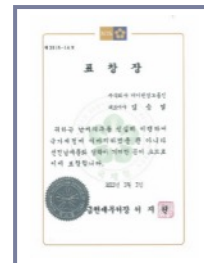
Excellent Service Quality Enterprise



Service Quality Assurance ISO 9001



Technological Innovation SME



Taxpayer Award from the National Tax Service



Presidential Award for Employment Stability



Corporate Credit Rating



Excellent Service from the National Health Insurance Corporation (Minister of Health and Welfare Award)

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Introduction

POINT
MESSAGE



: K-Group Milestones

Milestones and Achievements



- In 2023, became the distributor for the global company Extreme Networks.
- In 2022, acquired the electronic document solution company APW and entered the electronic document business.
- In 2022, signed a strategic partnership agreement with the smart farm venture TelloFarm.
- In 2021, celebrated the 25th anniversary of K-Group with a unified CI(Corporation Identity) integration of K-ONE, K-Networks, K-System, K-TheBom, and NY Computer.



- In 2020, achieved 100 billion KRW in orders.
- In 2020, conducted M&A with NY Computer(formerly Hyunjoo Computer) and K-TheBom.
- In 2019, selected as a strategic partner for Hanwha Group for 3 consecutive years.
- In 2018, acquired train wireless communication LTE-R project from the company formerly known as Janter Technology.
- In 2018, established K-ONE Vietnam Ltd. and constructed Woori Bank's smart office in Ho Chi Minh.
- In 2015, received a Presidential Commendation for contribution to job creation.
- In 2015, established Korea D&C, and entered the system integration business
- In 2013, established K-Network, and entered the network infrastructure and security business



- In 2010, achieved assets of 9.5 billion KRW and sales of 20 billion KRW.
- Attained ISO 9001:2018 quality certification.
- Selected as a Korea Excellent Service Quality Company.
- Secured maintenance contract for the ROK Army
- Received OA maintenance contracts from major conglomerates including Hanwha Group, Hanjin Group, and Lotte Group.



- Entered OA maintenance contract business for financial institutions.
- Focused on supplying PCs to public institutions.
- Ventured into new business areas (RFID, semiconductor, MP3, etc.).
- In 1996, established K1 Information & Communication, Ltd.

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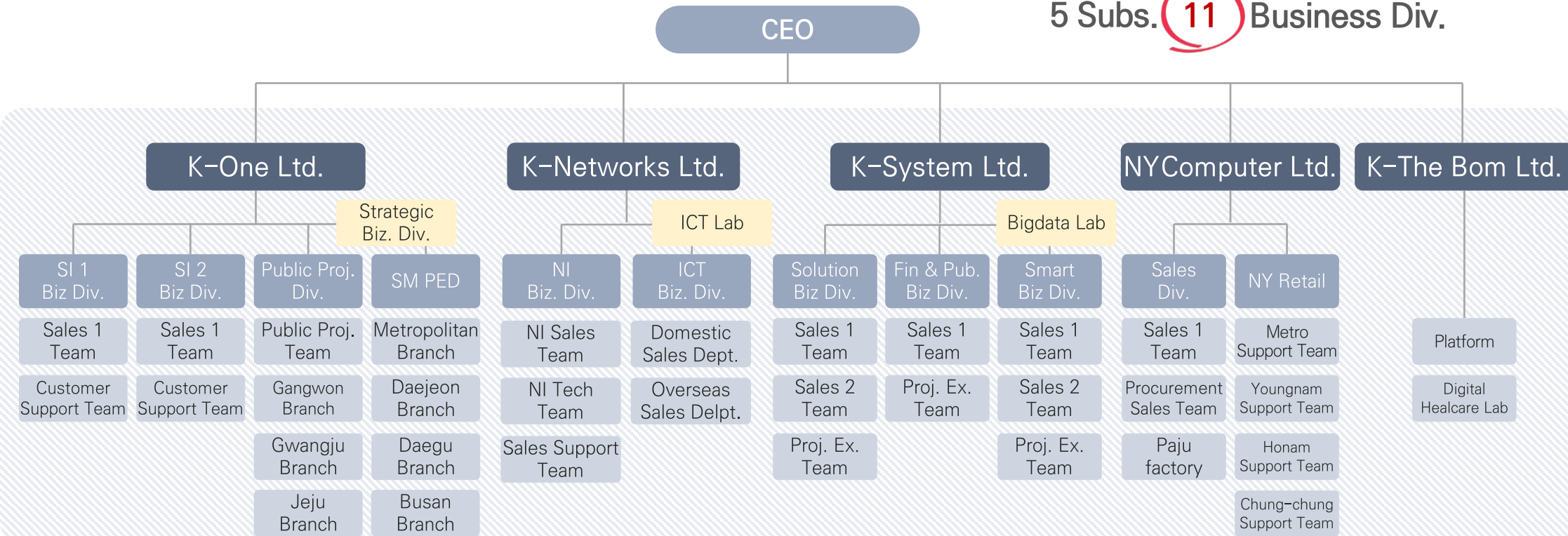
Introduction

POINT MESSAGE



: Organizational chart

5 Subs. **11** Business Div.



Management Department

S
u
b
s

K-NETWORKS

K-SYSTEM

K-THE BOM

NY COMPUTER

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Introduction

POINT MESSAGE



: Domestic support organization

Overview of Domestic workforce & CS center (4 branches, 13 centers)

Seoul,
Gyeonggi

- ☑ Seoul, HQ
- ☑ Service Div.
- ☑ Incheon Center

Honam
Reg.

- ☑ Gwangju Branch
- ☑ Jeonju Center
- ☑ Yeosu Center
- ☑ Naju Center

Gangwon,
Jeju Reg.

- ☑ Wonju Center
- ☑ Jeju Center

Gyeongbuk
Reg.

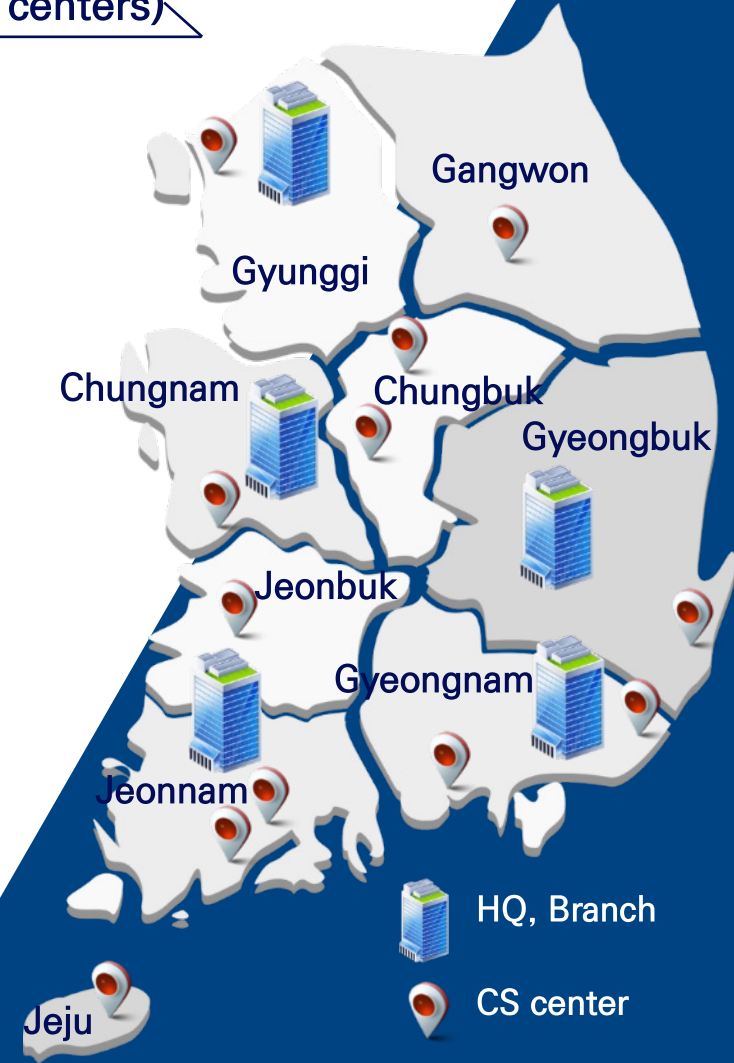
- ☑ Daegu Branch
- ☑ Pohang Center

Chung
Cheong
Reg.

- ☑ Daejeon Branch
- ☑ Gyeryong Center
- ☑ Sejong Center
- ☑ Cheongju Center
- ☑ Chungju Center

Gyeongnam
Reg.

- ☑ Busan Branch
- ☑ Ulsan Center
- ☑ Changwon Center



※ 100% Full-time Employees

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Introduction

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: Main business

K-Group will become
a leader leading the 4th
industrial revolution



ITO



System
maintenance



SI/NI



Network, server,
& security system
management

Installation



Installation
& upgrade



LAN
Const.



CCTV, IPT
installation

ICT



Railway wireless
communication



Research, development,
manufacturing

Product
sales



Computers
& peripherals



Network & security
Equipment
and solutions

S/W dev.
consulting



Website
development &
maintenance



Digital healthcare

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Introduction to K-Group

POINT MESSAGE



: K-One

CEO	Gwan-sub Song, Gi-bong Son, Dong-gyu Lee (Independent representation)
Business area	ITO, SI, Info. & Comm. Const., Solutions(Paperless)
Num. of employees	804 employees
Year of establishment	1996. February 26 th

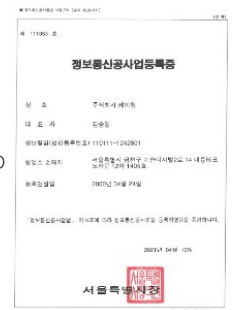


Key clients



Business performance

- Maintenance of Telecommunication equipment – ROK Army
- Maintenance of intranet network for KT
- Maintenance of com. equipment & OA for Hanwha Life Insurance
- Maintenance & repair of PCs and office product for Sindoricoh
- IDC construction for CJ Olive
- Integrated maintenance const. for DTaQ
- Maintenance of business com. equipment for National Tax service
- Installation of network in Korea airport in yeongjong-do for Hanjin Group
- Integrated Maintenance of Servers and Computer Equipment – Hanjin Group
- Smart Office in Vietnam (Ho Chi Minh City)



Nationwide Network Enterprise Services for Financial and Public Institutions

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K-Group main business

POINT
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: Main business of K-One

01 Maintenance & product supply

- Nationwide infrastructure capable of providing services within 2 hours
- Call centers, nationwide branches, and service centers for primary response
- Real-time processing based on mobile platform
- Service improvement through the utilization of operational big data
- Customized services such as server, PC, printer rental, outsourcing, and construction for customers

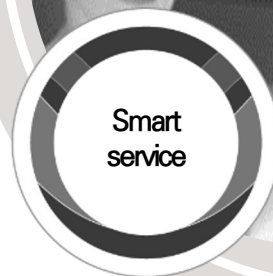


Information & Communication Construction 02

- Progressing Projects in Public Institutions, Corporations, Financial Sector, Military, etc.
- Forming Specialized Workforce and Establishing Systematic Project Plans
- Diverse Experience in Winning Bids → Increased Customer Satisfaction
- Continued Management after Construction



- Providing Optimization Solutions for Smart Farms
- Operating the Smart Work Center of the Ministry of the Interior and Safety
- Establishing Smart Farms for the Agricultural Research Institute
- MOU for cooperation in Andong Hemp business
- Operating Smart Office in Ho Chi Minh City, Vietnam



03 Smart business

- KT Electronic Document (Document DX) distribution partner
- Development of mobile brochure systems for NH Life Insurance, NH General Insurance, and NH Securities
- Implementation of mobile electronic registration system
- Electronic contract, distribution, and archiving solutions.



Paperless business(Distribution) 04

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Introduction to K-Group

POINT MESSAGE



: K-Networks

CEO

Dong-gyu Lee (이동규)

Business area

Network infrastructure, information and communication construction, manufacturing and sales of railway communication infrastructure.

Num. of employees

145

Year of establishment

2013. Oct 15th

Key products

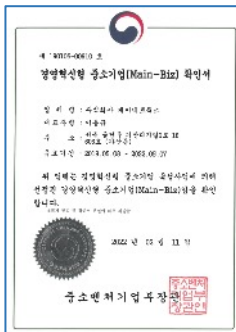
Network (distribution)

- CoreEdge Networks Distributor
- Preparing for Extreme Networks Distribution
- Security Solutions (Ransomware, VPN, Wireless/Wired Access Control)

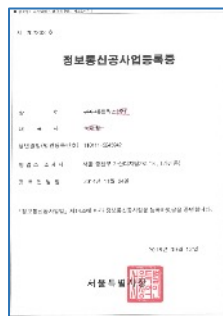
Train wireless LTE-R

- Establishment of Wireless Communication System for the Entire Railway Network
- LTE-R Routers: manufacturing, selling, & installation
- LTE-R emergency broadcast devices: manufacturing, selling, & installation

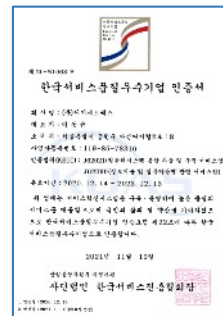
Key certification



Certificate of Recognition as an Innovative SME



Certificate of Registration for Information and Communication Construction



Certificate of Excellence in Service Quality from Korea

Business performance

- Establishment of public Wi-Fi in Jeju Smart Tourism Island
- Construction and operation of wireless security APs in KT stores
- Construction of wireless network in Incheon Airport T1 public passenger terminal
- Execution of TICN 3rd Commercial Equipment 2nd Project
- Network construction for Korean Air Aerospace Business Division
- Telecommunication work for KT Building and Lotte Tower 2
- Replacement of outdated LAN in the Army, supply of core-edge switches
- Construction of wireless communication in Seoul Education Office Zone 1 and 2 schools
- Supply of network equipment for Seoul Schoolnet Zone 2

Distributor of Network Equipment, Security Solutions, Railway Wireless Communication Equipment, etc.

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K-Group main business

POINT
MESSAGE



: Main business of K-Networks

01 Train wireless carborne device / Uninterruptible emergency broadcasting / Disaster network router

- Supply of the world's first LTE-R based train wireless system (2015~)
- Signed an MOU with Ericsson-LG for LTE-R business collaboration
- Supply of uninterrupted emergency broadcasting systems using LTE-R (2015~)
- Development and supply of Public Safety Communication Network (LTE-R) 4G LTE Wireless Router (2017~)

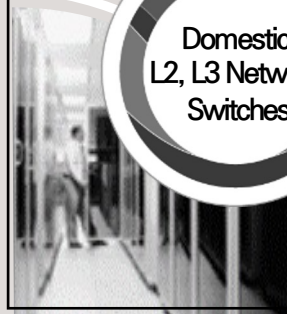
Largest record
In domestic
LTE-R



Core-edge Networks(Dist.) 02

- Domestic manufactured equipment
- Ranks 3rd in the procurement and sales of domestic networking equipment.
- Annual sales revenue of 8 billion.
- Participates in projects with the Army Headquarters, National Police Agency, and administrative and educational networks.
- Holds references from numerous public institutions.

Domestic
L2, L3 Network
Switches



- Established in Silicon Valley, California in May 1996.
- Has branches in 80 countries worldwide.
- Acquired various networking manufacturers such as Enterasys, Avaya, Brocade, and Aerohive.
- Offers a wide range of networking solutions including wireless, cloud, NMS, and NAC.
- Supplied wireless-LAN to Jamsil Lotte Tower

3rd foreign
Network solutions
In Gartner
evaluation



03 Extreme Networks(Dist.)

Firewall
NAC
Ransomware



- Distributor of Turbo Vaccines and White Defender.
- Distributor of GINIAN NAC.
- Distributor of AXGATE VPN.
- Operates various security equipment for diverse clients.

Security Solutions 04

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Introduction to K-Group

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: K-System

CEO

Gwan-sub Song (송관섭)

Business area

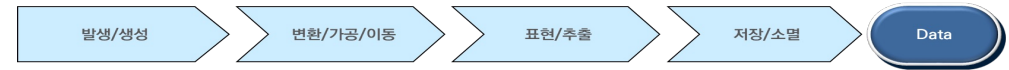
Solution SI, ITO, System consulting

Num. of
employees

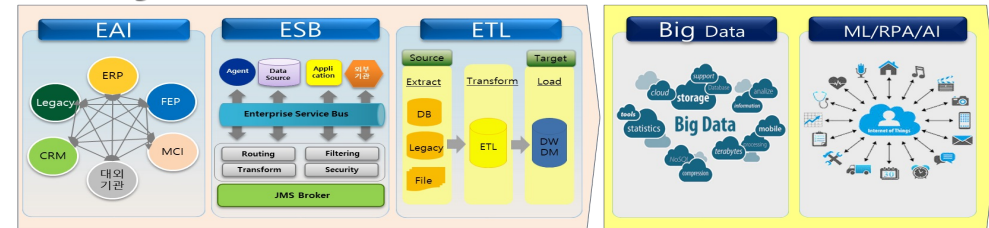
75

Year of
establishment

2016. Oct



Data Integration의 변화 및 확장



- Application 중심의 Data 통합
- 정형 Data 위주
- 주로 기업/기관이 생산하는 Data 위주

- Data 중심의 통합
- 정형 + 비정형 Data + 이기종 device
- 대량의 사물, 수많은 개인이 생산하는 Data

Key services

EAI / ESB / ETL



전자문서 솔루션
(KDDX)



**Automatic integrated
development tool with MDD**

Business performance

- Smart Factory Project: Establishment of small and medium-sized enterprises (SMEs) in 21 companies
- Solution System Integration (SI): Next-generation insurance core system for Hanwha Life, Electronic application for smartphones
- Koda-Di: Data Lake for Yonsei Severance Hospital/Inha University Hospital, National Health Insurance Corporation
- FDS: Gwangju Bank/Jeonbuk Bank/Welcome Savings Bank
- Electronic Document/Electronic Registration: NH Life Insurance, NH Property & Casualty Insurance, NH Investment & Securities
- Certified Electronic Document Storage: Mizuho Bank Paperless System

Solution-based System Integration (SI) Development and Supply

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K-Group main business

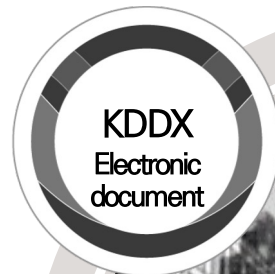
POINT MESSAGE



: Main business of K-System

01 Electronic Document System Implementation

- Total solution for electronic document generation, distribution, and archiving
- Electronic registration solution (Koda-OMP)
- Distributed trusted scanning & integration with Certified Electronic Document Repository



Power MDD 02

- Automatic code generation
- Intuitive verification & progress management of development source codes by development stakeholders
- Intuitive programming based on completed screen (UI) designs
- Alignment with standard development management processes and policies
- Construction of optimized, tailored systems for specific business needs

Application Examples

- Korea Institute of Information Technology: Construction of Next-Generation Information Systems
- National Federation of Fisheries Cooperative Societies & Yeungjin University: Construction of Learning Management System (LMS)
- Republic of Korea Air Force: Development of Systematic Systems
- Financial Services Commission: Online Education Platform



DI (ETL/EAI/ESB) Solution

- Tools for data extraction and cleansing
- Migration services
- Business insights through integration
- Integration and consolidation of multiple applications
- Dashboard and report samples provided KOD.



Specialized solutions

- Smart business
 - Smart Factory ERP/Integrated Control
 - Smart Farming (Telofarm) domestic distributor
- Desktop Virtualization (Hdaas) Solution
- Integrated Control Solution for Elevators, Escalators, & Automatic Doors (Incheon Airport)



03 System integration & data extraction

Specialized solutions 04

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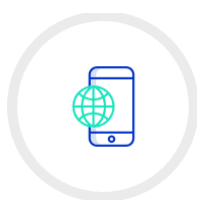


Introduction to K-Group






POINT
MESSAGE



: K-The Bom

CEO	Jaehyung Han (한재형)
Business area	Telemedicine based on mobile platform, social network service
Num. of employees	12
Year of establishment	2016 / 2020(Incorporated to K-ONE as a family company)

Key services			
			
Digital healthcare	Services for overseas	Platform services	Social media service for corporate

Core technology				
				
#1 in DOM market Platform for Korean diaspora	Platform Biz Cloud-based	AI technology Cloud-based	Experience in various fields Organizations, public, medical academy, etc	Biz Network Business Network

Company history
<ul style="list-style-type: none"> • 22' Launch of telemedicine mental health management solution & approval for remote medical care regulation sandbox • 21' Supported the establishment of AI learning data for Kyung Hee University Hospital and provided raw data through MOU • 21' Launch of Digital Plaza by Victoria Korean Association • 20' Launch of Digital Plaza by Victoria Korean Association • 20' MOU for remote medical counseling platform with Hawaii Korean Society and Myongji Hospital • Launch of Pro-MBA Academy Solution at Sogang University • 20' Naver Cloud – Government project execution with Academy (Induk University, etc.) • 20' Launch of Digital Plaza by Hong Kong Korean Association • 20' Launch of Digital Plaza by Atlanta Korean Association – Naver Cloud platform business partnership (SaaS). • New launch of Editalk web service.

Cloud-based Mobile Platform Service Business

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K-Group main business

POINT MESSAGE



: Main business of K-The Bom

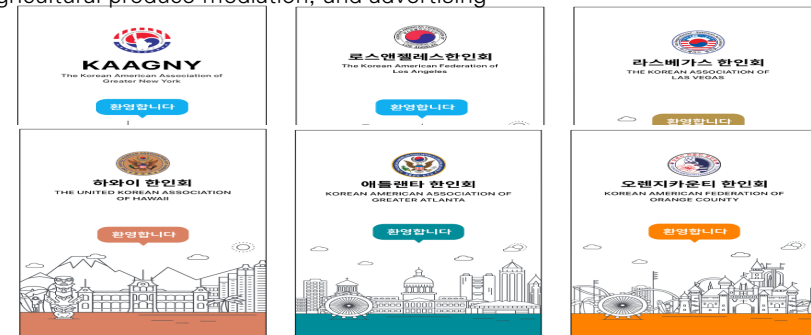
01 Digital healthcare

- O2O mental healthcare remote counseling app
- High-quality initial diagnosis services supported by AI

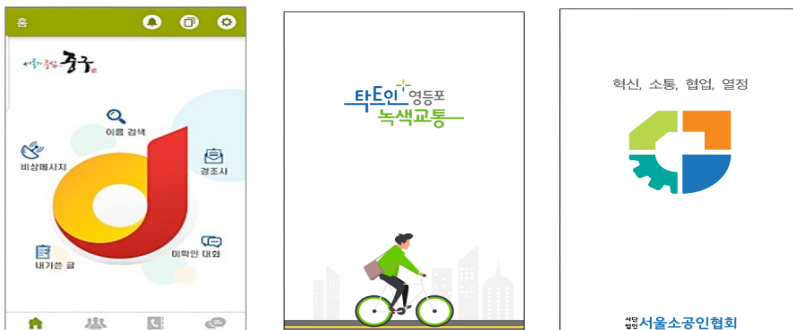


Services for overseas 02

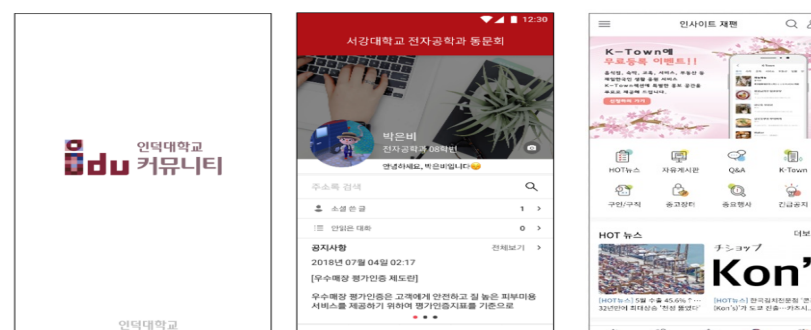
- Municipal platform project targeting small cities in the United States (Korean community-oriented).
- Platform for Korea—American associations including Korean medical services, agricultural produce mediation, and advertising



- Municipal platform for welfare programs of local governments (welfare, job creation, etc).
- Exclusive communication platform for companies/organizations.



- Enterprise community service based on departmental employee information.
- Corporate-exclusive social media messenger that replaces KakaoTalk and Band.



03 Platform

Social media service for corporate 04

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Introduction to K-Group

POINT
MESSAGE



: NY Computer

CEO

Jaewon Lee (이재원)

Business area

Manufacturing and Sales of Desktop Computers & Monitors, Distribution of Computer Components.

Num. of
employees

31

Year of
establishment

2004. Jun 10th

Key products

Desktop
PC



Slim model



Tower model

Monitor



22"



24"



24" Bezeless



27"

L
a
p
t
o
p



Chrome book
(11.6" N4020)



Chrome book
(15.6" I3-11th)

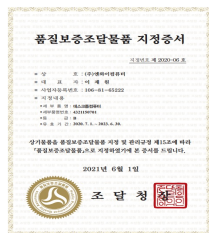


Laptop
(15.6" I5-11th)



Windows
(11.6" N5100)

Key certification



Quality Assurance
Procurement Items



ISO 9001



ISO 14001



Q-Mark

Business performance

- 22' Namyangju City Support for Low-income Smart Devices: 700 million KRW
- 21' Gyeongnam Provincial Office of Education Smart Device Implementation: 70 billion KRW (260,000 units)
- 21' Ministry of Justice Computer Equipment Procurement Project - PC Supply: 1.3 billion KRW
- 21' Busan Metropolitan City Administrative Supplies Procurement Project: 450 million KRW
- 21' Republic of Korea Army Monitor Implementation Project: 2.8 billion KRW
- 21' Seongnam Provincial Office of Education Smart Device Procurement Project - Laptop Supply: 2.5 billion KRW
- 21' Defense Acquisition Program Administration Computer Equipment Procurement - Monitor Supply: 300 million KRW (1,700 units)
- 20' National Health Insurance Corporation Office Equipment Procurement: 3.2 billion KRW
- 20' National Pension Service Business PC Implementation Project - PC Supply: 1 billion KRW
- 20' Republic of Korea Army PC Implementation Project: 14.6 billion KRW
- 20' Chungcheongbuk-do Provincial Office of Education Computer Procurement for Education Informationization: 600 million KRW

...

Operating 133 service centers nationwide & manufacturing PCs for public procurement

6

Why? K-Group

POINT
MESSAGE



: Cooperation Point

“ **Infrastructure** for distribution & direct production, Enterprise social media on closed network, ”
Mobile-based **ITO solutions**, next-generation of **IT solutions**

Hardware Infrastructure

Stable product supply through distribution contracts

- Core-Edge, Extreme, TrusAP, Ransomware
- Ginian NAC, AXGATE, ASUS laptop

Quality management through direct production

- NY computer, Railway communication equipment,
- emergency broadcast system, disaster network router

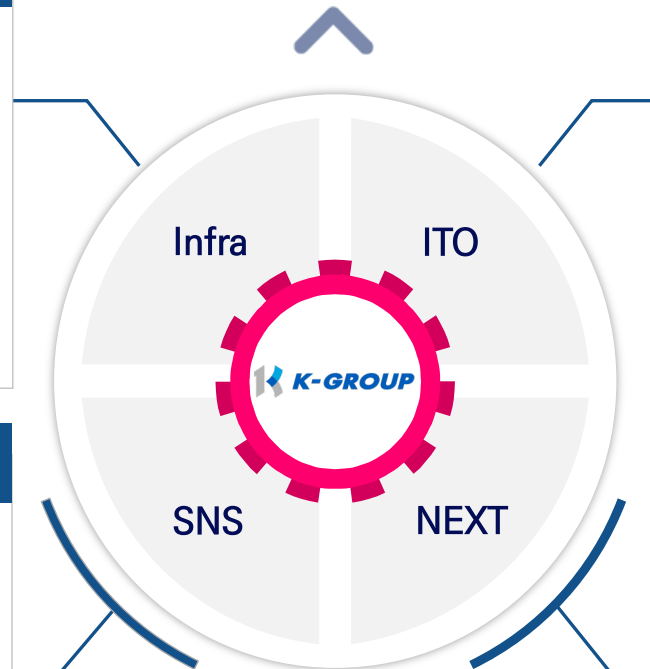
Enterprise SNS based on Closed Network

Development of Closed Network-based SNS

- employee-based social media service

Ensuring Convenience and Stability

- Alternative to KakaoTalk and Naver Band



In-house ITO Solution Services

ITO services based on Mobile platforms

- Real-time based services
- Install & inspect simultaneously

Contract management based on SLA

- Certified ISO 9001

Next-generation IT Solutions

SI utilizing Modeling Language

- POWER MDD, AUDI

Paperless solution

- create, manage, distribution, and store electronic document

Thank you

