Dreamline Company Profile

Broadband Convergence Specialist

www.dreamline.co.kr

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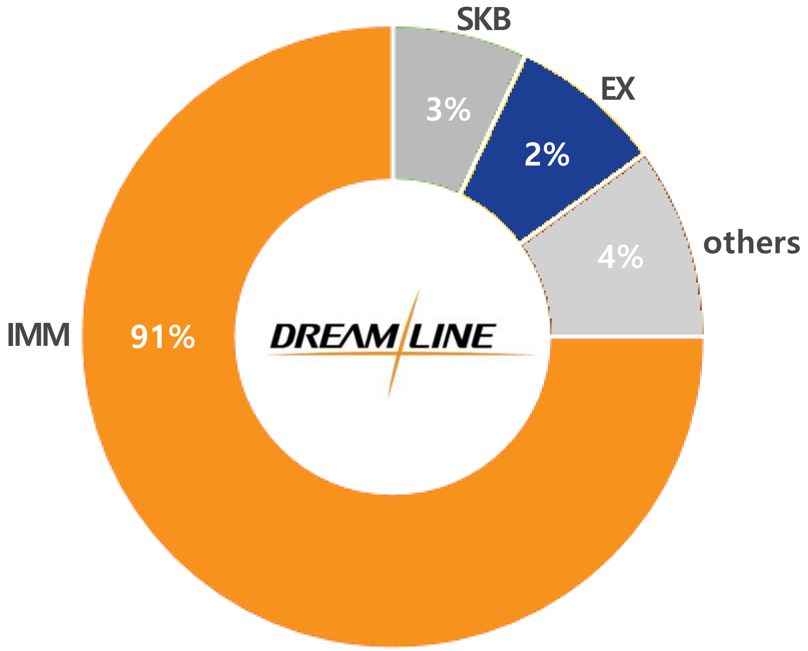
01

Company introduction

Company introduction & shareholder structure

Company Name	Dreamline Co., Ltd.
CEO	Ji-Chang YU
Established	July, 1997
Address	8F. Dream Mark1 D/C. 61, Digital-ro 31-gil, Guro-gu, Seoul, Repibilc of Korea
Subsidiary	Dream Mark1 Co., Ltd. VinaDreamline (in Vietnam)
Sales	191.5 billion won (2019)
Net profit	22.9 billion won (2019)
Capital	82.8 billion won
Employees	146

Shareholder structure (Shares outstanding : 16,576,640)

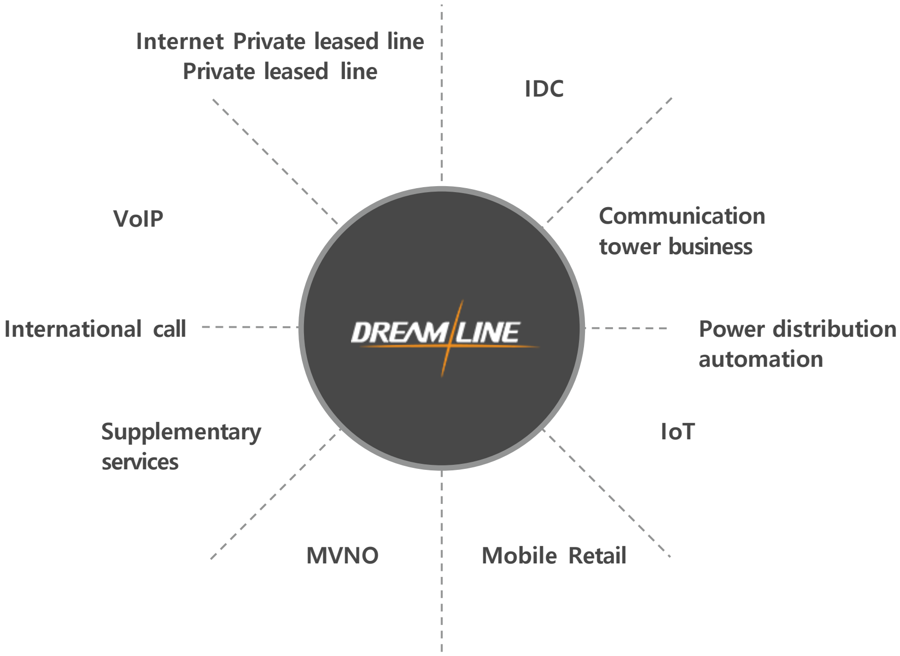


01

Company history

History

2019	07.	Selected as the 4th government information and communication provider
2018	09.	Launched Dreamline's subsidiary named " Dreammark1 Guro IDC "
2017	06.	Lauched MVNO service
	02.	Lauched IoT service
2015	12.	Selected as KEPCO AMI service provider
	11.	Selected as KEPCO Power Distribuition Automation provider
2013	12.	Launched supplementary services
2011	08.	Launched international call service (00380, 00789)
2008	10.	Established communication tower business
	04.	Established VinaDreamline in Vietnam
2005	06.	Launched internet phone service (VoIP)
1998	08.	Built nationwide optical backbone network
1997	12.	Launched business
	06.	Obtained key telecommunication operator license



Internet Private leased line
Private leased line

IDC

VoIP

Communication tower business

International call

DREAM LINE

Power distribution automation

Supplementary services

IoT

MVNO

Mobile Retail

02 Major business

Private leased line & Internet Private leased line & IDC

Private leased line

- Connecting two areas by using our own optical cable
- Private leased line utilizes 100% fiber optical network lines with high stability and high qualit

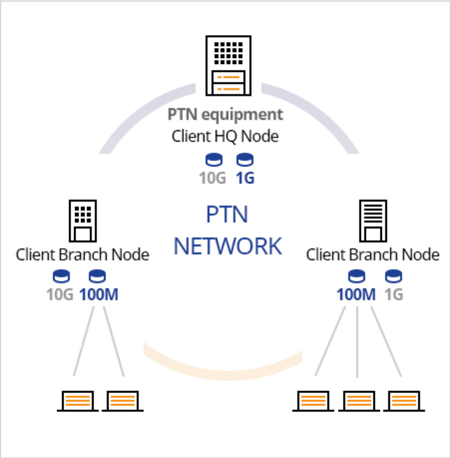
Internet Private leased line

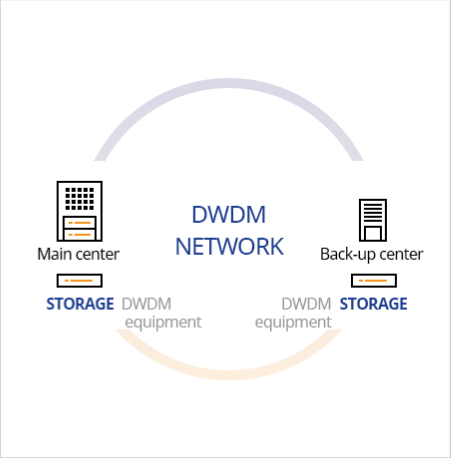
- Providing optimal internet services to customers to elevate working productivity
- Ensure a stable working environment

IDC

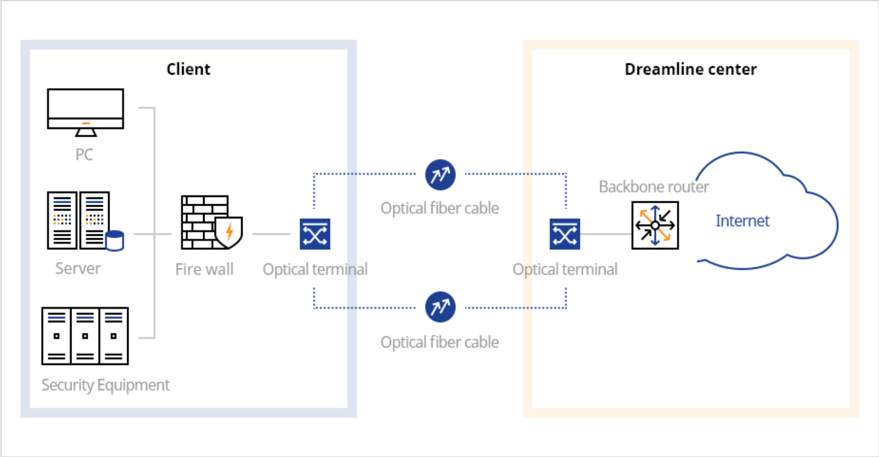
- Providing facilities for data storage with high-capacity internet access service
- 24h * 7day, Operating management and technical support by professional engineers

Private leased line Composition Map


PTN equipment
Client HQ Node
10G 1G
PTN
NETWORK
Client Branch Node
10G 100M
Client Branch Node
100M 1G


DWDM
NETWORK
Main center
STORAGE
DWDM
equipment
Back-up center
DWDM
equipment
STORAGE

Internet Private leased line Composition Map


Client
PC
Server
Fire wall
Optical terminal
Security Equipment
Optical fiber cable
Optical fiber cable
Dreamline center
Backbone router
Internet
Optical terminal

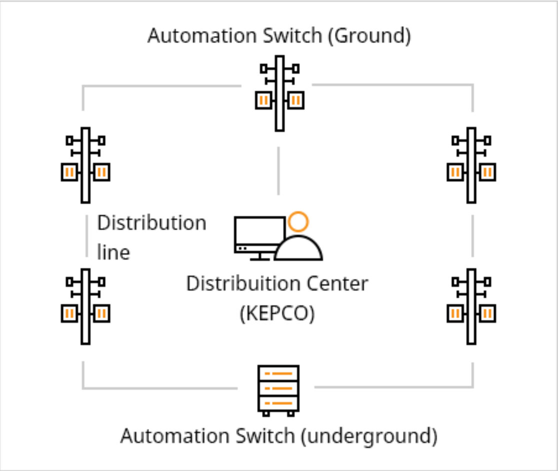
02

Major business

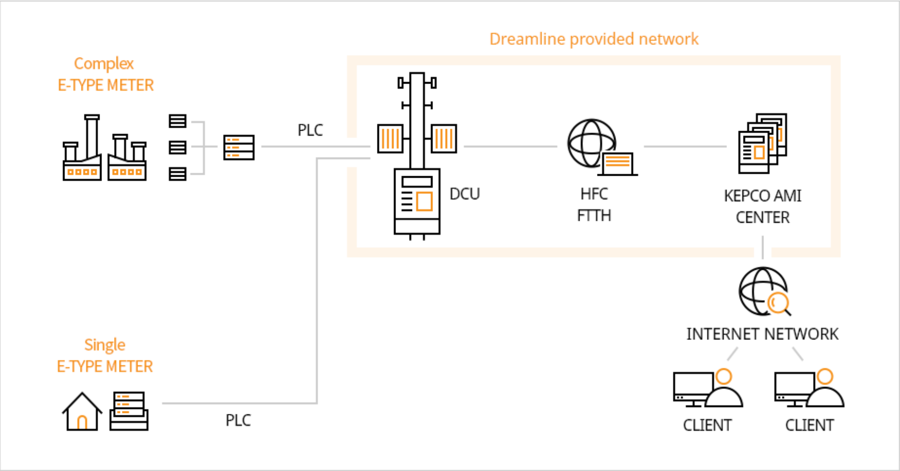
Power distribution automation & AMI

KEPCO Smart Grid Service	• Providing optical networks for power distribution automation • Providing optical networks from automation devices in KEPCO control towers to modems (Node) connected to automatic switches
Smart grid service system	• A system that uses the data detected in real-time by the control center without the need to go to the site to detect a blackout • Reduction of recovery time in case of blackout
AMI (Advanced Metering Infrastructure)	• Provide optical network for KEPCO AMI (Advanced Metering Infrastructure) • Provide optical network from KEPCO data transmission device center to DCU
AMI system	• Real-time usage check (Meter reading every 1 month manually⇒ Meter reading every 15 minutes automatically) • Construction of infrastructure to enable remote meter reading by consumers and KEPCO

KEPCO Smart Grid Service Composition Map


Automation Switch (Ground)
Distribution line
Distribuition Center (KEPCO)
Automation Switch (underground)

AMI Composition Map


Dreamline provided network
Complex E-TYPE METER
PLC
DCU
HFC FTTH
KEPCO AMI CENTER
INTERNET NETWORK
CLIENT
CLIENT
Single E-TYPE METER
PLC

02 Major business

Communication tower business

Communication tower business

- Providing the infrastructure for mobile carriers to jointly use base stations and installation space (1,000 base stations nationwide)
- Construction of base stations in order to share the usage of subsidiary facilities
- such as land, power lines, and steel towers

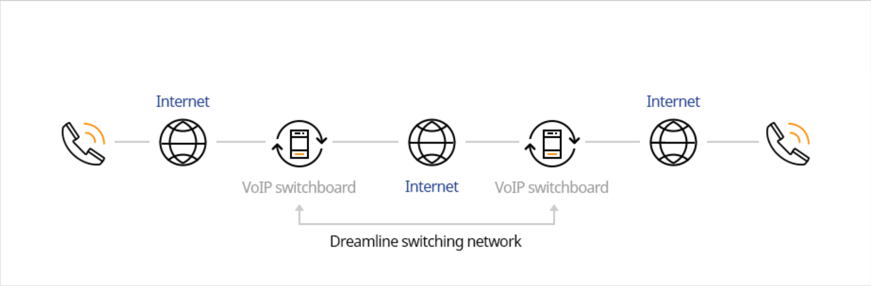
Communication tower business Composition Map

02 Major business

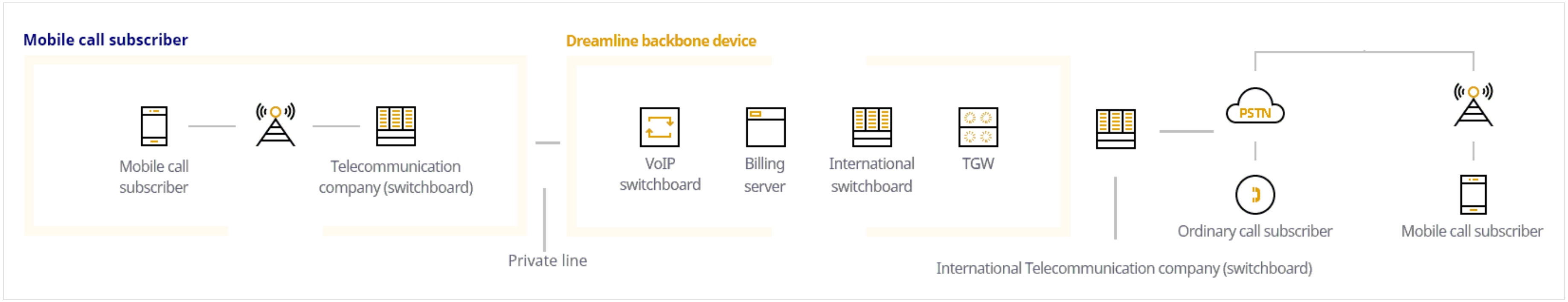
VoIP, International call

VoIP	- Various supplementary services of IP-Centrex and voice communication Using internet networks instead of existing circuit-switched networks
International call (00380/00789)	- Convenient international call service by accessing numbers without a separate subscription - Identification number : 00380 , 00789

VoIP Composition Map


Internet
VoIP switchboard
Internet
VoIP switchboard
Internet
Dreamline switching network

International call Composition Map

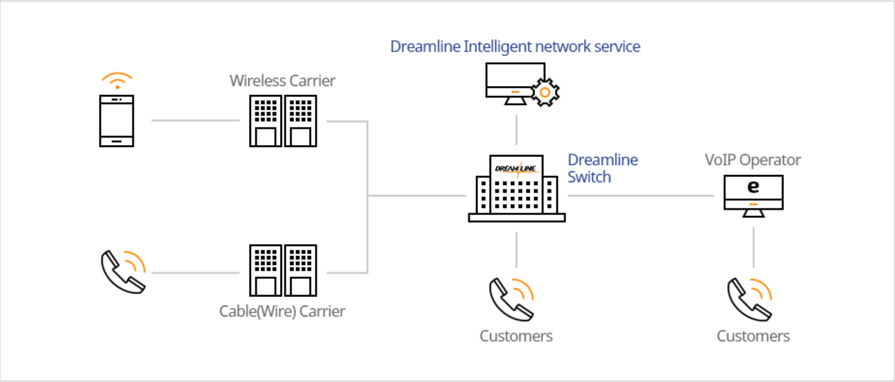

Mobile call subscriber
Mobile call subscriber
Telecommunication company (switchboard)
Dreamline backbone device
VoIP switchboard
Billing server
International switchboard
TGW
PSTN
Ordinary call subscriber
Mobile call subscriber
Private line
International Telecommunication company (switchboard)

02 Major business

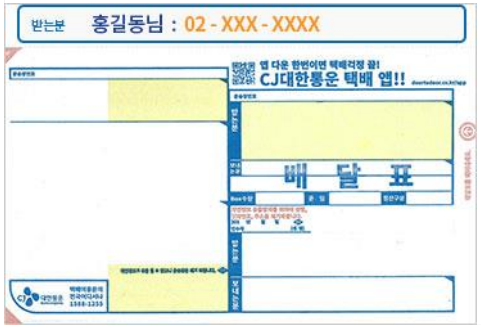
Supplementary services

Nationwide number (1877)	• A service that uses business numbers scattered throughout the country as a single number
Secure numbers (050)	• Personal number : Give a permanent phone numbers • Secure number : Customer protection by blocking the exposure of customer's information
Reverse charge (080)	• Business operators charge a call fee for customer consultation and customer services
Phone information service (060)	• The service provider provides voice information on a Dreamline phone number. Customers can use that service on the phone

Nationwide number Composition Map


Dreamline Intelligent network service
Wireless Carrier
Dreamline Switch
VoIP Operator
Cable(Wire) Carrier
Customers
Customers

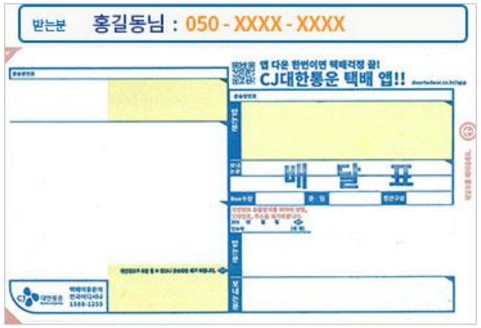
Secure numbers Composition Map


받는분 홍길동님 : 02 - XXX - XXXX

앱 다운 한번이면 택배걱정 끝!
CJ대한통운 택배 앱!!

배 달 표

Before adapting 050 secure call


받는분 홍길동님 : 050 - XXXX - XXXX

앱 다운 한번이면 택배걱정 끝!
CJ대한통운 택배 앱!!

배 달 표

After adapting 050 secure call

02 Major business

IoT & MVNO & Mobile Retail

IoT
(Internet of Things)

- Open IoT network standardized with LoRa WAN supports public and private environments, and provides various IoT settings and services including AMI, IBS, Environmental Monitoring (EM) and Tracking.

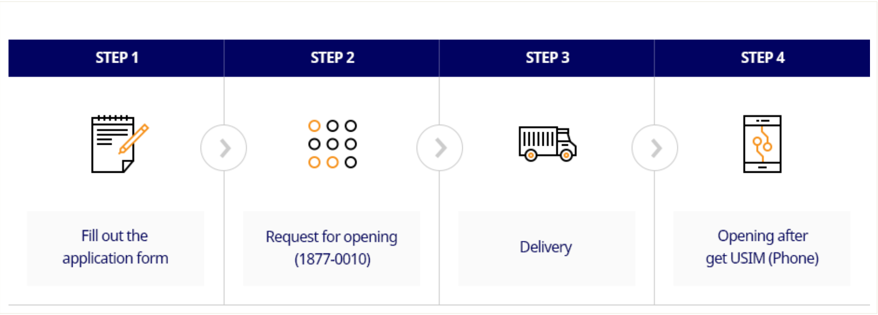
MVNO
(Mobile Virtual Network Operator)

- We establish more reasonable prices than those of telecommunication carriers in order to provide stand-alone mobile services.
- In addition, we maximize reasonable options, enabling you to have membership for the service without contracts required and also to purchase mobile phones.

Mobile Retail

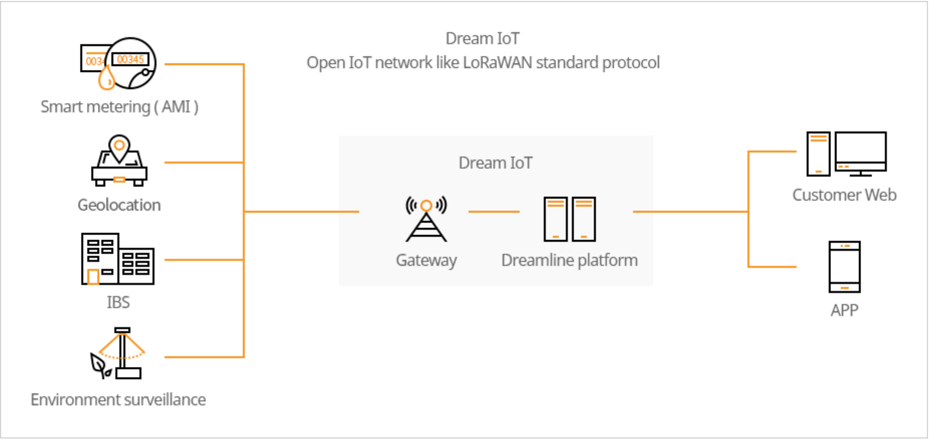
- We have built transparent and rational distribution systems in collaboration with domestic mobile telecommunication carriers and manufacturers in order to differentiate from other distribution services.
- In line with MNO service, we have established distribution network in attracting public and corporate customers so that we can provide the service with more reasonable price.

MVNO Service Process



STEP 1	STEP 2	STEP 3	STEP 4
Fill out the application form	Request for opening (1877-0010)	Delivery	Opening after get USIM (Phone)

IoT Composition Map



Dream IoT
Open IoT network like LoRaWAN standard protocol

03

Network status

Network facilities

Dreamline **optical network** in the country

57,000

Backbone Network

5,000 km

Highway underground optical networkThe shortest distance network with excellent stability

Trunk Network

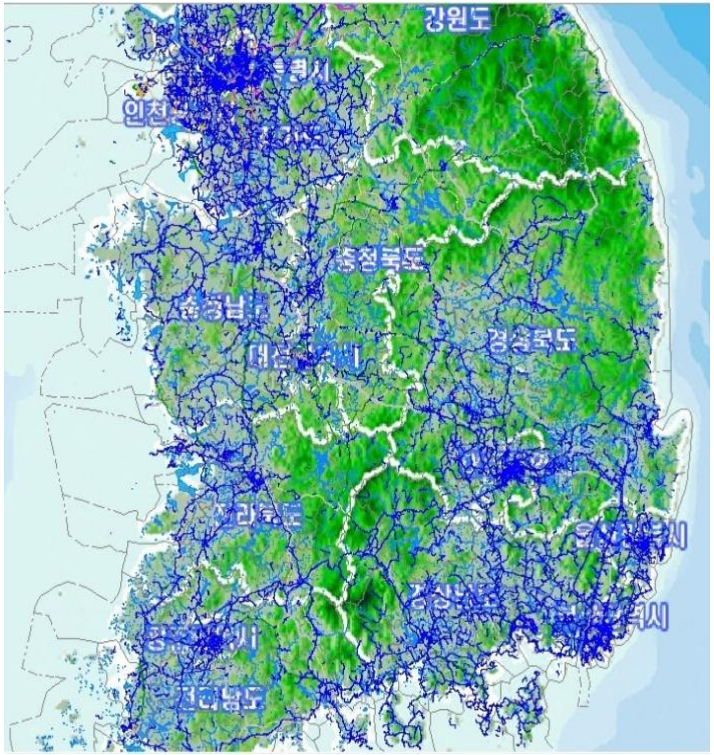
6,000 km

Major subway and highway optical network

Subscriber Network

46,000 km

Optical network to provide subscriber service



03

Network status

Network operation

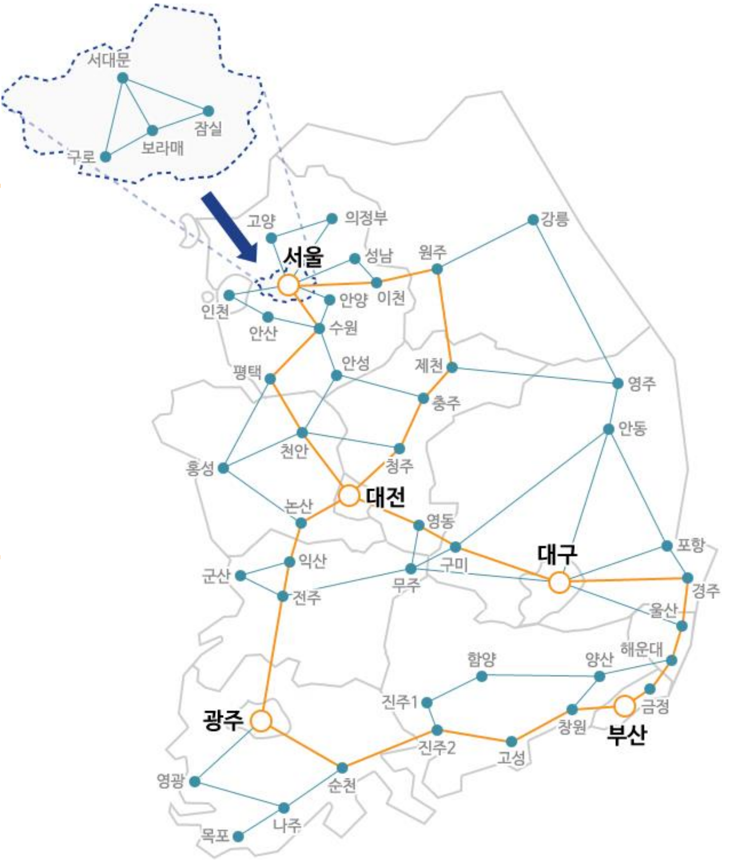
Dreamline nationwide operational status

53 Place **24** H **365** day

Operations centers / AP

24-hour operation and maintenance

365 days real time control


서대문
잠실
보라매
구로
고양
의정부
강릉
서울
성남
원주
인천
안양
이천
안산
수원
평택
안성
제천
영주
충주
천안
청주
안동
홍성
대전
논산
영동
포항
대구
구미
익산
군산
무주
경주
전주
울산
해운대
함양
양산
진주1
금정
광주
창원
부산
진주2
고성
영광
순천
나주
목포

04

Key clients

Public Sector & Major enterprises

- KEPCO 한국전력공사
- ex 한국도로공사
- 인천국제공항 Incheon International Airport
- S 서울메트로
- 서울고속도로
- 인천광역시 종합건설본부
- 한국건설안전기술원 Korea Institute of Construction Safety Technology
- KISA 한국인터넷진흥원
- Global Inspiration 세계속의 경기도
- Best Gimpo 김포시
- 사람들의 용인 용인시 YONGIN CITY
- Icheon 이천시 함께하는 행복도시 A·R·T 이천
- 맑고 풍요로운 새광주
- Fantasia 판타지아 부천 부천시
- Goyang City 고양시
- Colorful DAEGU 대구광역시
- 전북지방경찰청 JEONBUK PROVINCIAL POLICE AGENCY
- 충북지방경찰청 CHUNGBUK PROVINCIAL POLICE AGENCY
- KTOA 한국통신사업자연합회
- 보험개발원 Korea Insurance Development Institute
- 한국보건의료인국가시험원
- KISTI 한국과학기술정보연구원 Korea Institute of Science and Technology Information
- 광주광역시도시철도공사 Gwangju Metropolitan Rapid Transit Corporation
- 한국공항공사
- 서울시농수산식품공사
- 신세계 아이앤씨
- Dongwon
- SeAH
- SAMSUNG 삼성SDS
- LG CNS
- SK
- SK 텔링크
- GS 네오텍
- 아시아나IDT
- LOTTE DUTY FREE 롯데면세점
- 롯데정보통신
- 한화시스템/시스템
- HYUNDAI AutoEver
- CJ OLIVENETWORKS
- HYOSUNG ITX

04

Key clients

Tele-communication carriers & Financial Institutions & Broadcast System Operators

kt
LG U+
amazon web services
SK telecom
AT&T
SK broadband
Telstra
verizon

NTT
KDDI KDDI Korea
PCCW Global
GLOBAL CLOUD XCHANGE
SEJONG TELECOM
MEGAZONE CLOUD
GS ITM
HYUNDAI MOVEX

true friend 한국투자증권
true friend 한국투자 저축은행
KB증권
유진투자증권
한화투자증권
한화손해보험
삼성증권 SAMSUNG
KDB산업은행

CIMB
koscom
IBK 기업은행
우리은행
현대해상
Hyundai Capital
BNK 투자증권
toss

EBS
CUDO COMMUNICATION
D'LIVE (주)딜라이브 케이블방송
한경닷컴
ABN 아름방송
KCTV
서경방송
JCN 울산중앙방송

하나방송
kcn 금강방송
CCS 충북방송
KMH
HYUNDAI 현대HCN
t-broad
CentralNet
MEDIACAN

04 Key clients

General Enterprises

- IBM
- KAKAO
- NAVER
- AhnLab
- NHN godo:
- KINX www.kinx.net
- AMOREPACIFIC CORPORATION
- BABA FASHION
- NICE
- KSNET
- flexnet
- Canon 캐논코리아 비즈니스 솔루션
- woongjin
- Purplestones
- PAPA JOHNS
- TRUE NETWORKS CONNECT THE WORLD
- SM 우방산업 INDUSTRIAL CO., LTD
- 여행박사
- UNIQLO
- 금융결제원
- KICC
- KIS정보통신(주)
- Domino's
- D.H. HOLDINGS CORP.
- Smartro
- KOVAN
- NOROO 노루페인트
- NICE
- Future in Fashion IN THE F
- EB CARD
- 이플 eepple
- 해태htb
- DAOU 다우기술
- SUPERIOR
- KTICT
- GS 네오텍
- 선문대학교 SUN MOON UNIVERSITY
- Comtec (주)컴텍정보통신
- 대보정보통신(주)
- NHN ENTERTAINMENT
- YULCHON 律村 법무법인 율촌
- FILA
- miniGOLD since 1978
- 현대HDS
- Kiturami
- 타이어바꿀때 TIRE BANK
- KOLON GLOBAL
- HERBALIFE NUTRITION

Info

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