

# Ark Connector

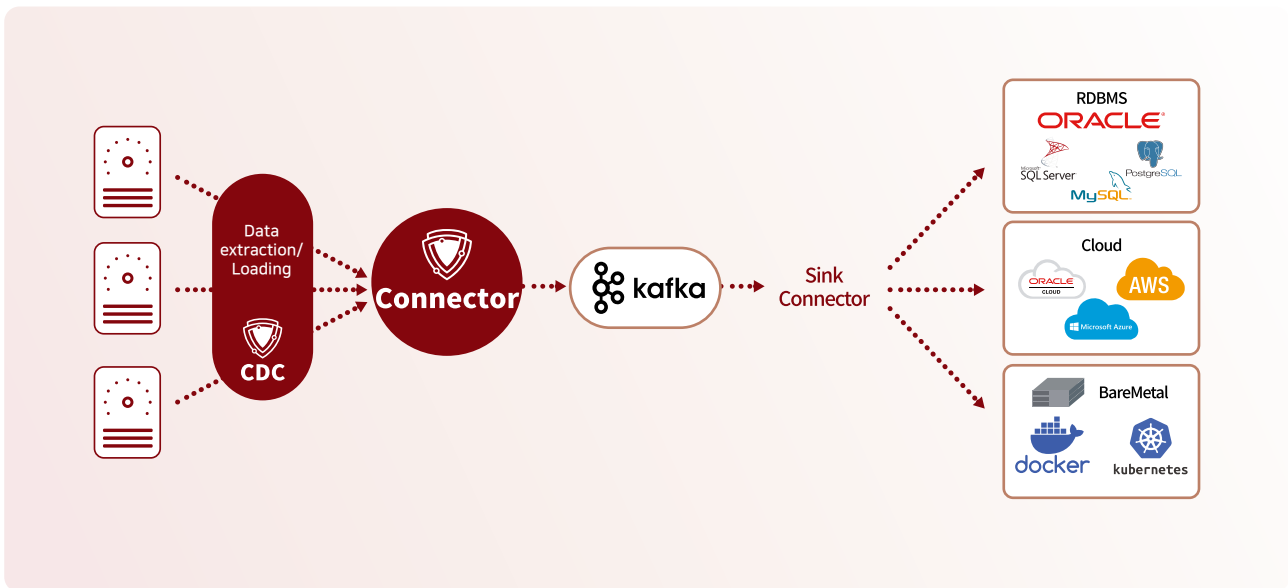
Apach Kafka Connector



# Ark Connector

- CDC-based Kafka Connector for real-time event streaming

Ark Connector is a connector solution for integration with the Kafka platform. Our Ark for CDC extracts data and delivers it in real-time to the Kafka platform for effective utilization of data. As a result, a company can integrate data throughout the corporation in real-time and efficiently distribute it according to the user environment; ultimately enhancing business efficiency.



## Key features

### Real-time utilization of data

Enables real-time utilization of big data.

### Simple implementation of Kafka platform

Simplifies the implementation of a Kafka platform with our CDC solution.

### Utilizing various database

Capable of establishing a Kafka environment with various database.

### Data coherence

Prevents data omission through the CheckPoint architecture.

### Data security

Supports SSL (Secure Sockets Layer) and SASL (Simple Authentication Security Layer)

### Service stability

Offers immediate failure response through constant monitoring (PMon) function.

### OPEN API provided

Provides an API optimized for the user's working environment.

### Manager

Provides a Web Manager with an integrated GUI.

### All in One

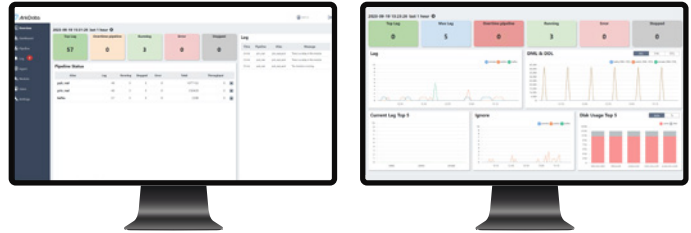
All these features are included in a single license without additional purchase costs.

# Differences from Competitor Products

## Check Point 1

### Simple and easy implementation

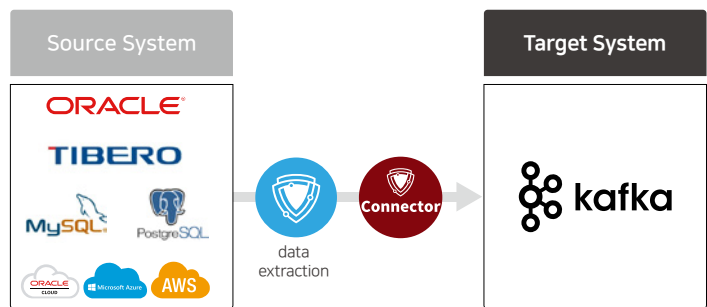
Kafka platform can be easily developed by linking it with Ark for CDC. With our CDC solution, it allows data extraction in real-time by using direct log access method.



## Check Point 2

### Integrated management functionality

Enhanced convenience by providing replication status and statistical data through the integrated GUI-based Web Manager functionality. Additionally, supports OPEN API by providing a workspace optimized for the user's environment.



## Use Case

### Use Case 1

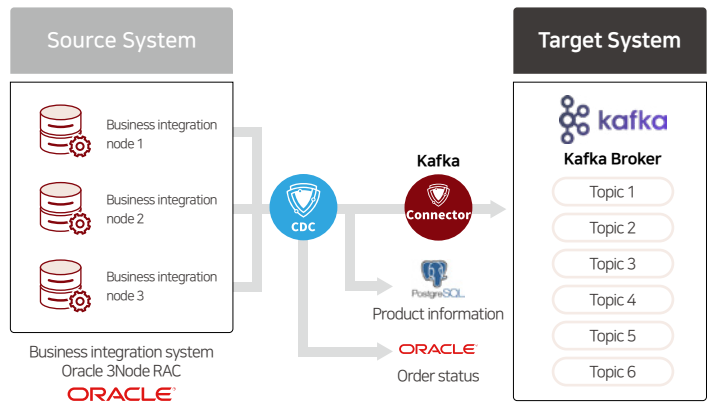
#### Next-generation system development

##### Client's situation

Development of a next-generation system by introducing Apache Kafka was required.

##### Outcome

Through Ark Connector, potential customer information was collected in a Kafka-based big data environment created to utilize it for algorithmic marketing.



### Use Case 2

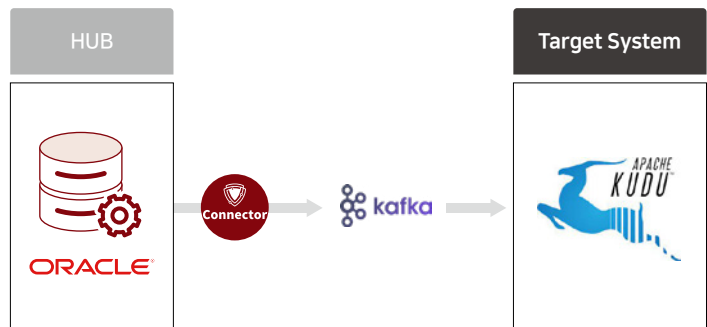
#### DT platform development

##### Client's situation

Needed to implement a DT (Digital Transformation) platform using Kafka.

##### Outcome

Successfully implemented CDC-based data Hub and Kafka-based platform environment to enable digital services in the desired corporate environment.



# Solution Reference

## Public

Buk-gu Office, Daegu  
Cargo Truck Driver Welfare Foundation  
Construction Industry Information Center  
Daegu Metropolitan City Hall  
Daejeon Government Integrated Information Center  
Dalseo-gu Office, Daegu  
Defense Media Agency  
Financial Inclusion Promotion Agency  
Geoje-si Facility Management Corporation  
Gimhae City Hall  
Gwanak Library, Seoul

Gyeongbuk Provincial Government  
Gyeongju City Hall  
Gyeongsan City Hall  
Gyeongsangbuk-do Agricultural Research & Extension Services  
Gyeongsangbuk-do Office of Education  
Human Resources Development Service of Korea  
Korea Customs and Trade Development Institute  
Korea Environmental Corporation  
Korea Ginseng Corporation and many others  
Korea Housing and Urban Guarantee Corporation  
Korea Housing Guarantee

Korea International Cooperation Agency (KOICA)  
Korea Land and Housing Corporation  
Korea Maritime and Fisheries Training Institute  
Korea Railroad Research Institute  
Korea Scholars Pension Foundation  
Korea Specialty Contractors Association  
Korea Trucking Association  
Korea Water Resources Corporation  
Ministry of National Defense  
Ministry of Oceans and Fisheries  
Mokpo City Hall  
Namhae-gun Office

National Intelligence Service  
Presidential Archives of the Ministry of the Interior and Safety  
Seodaemun Lee JinAh Memorial Library  
The Export-Import Bank of Korea  
Ulsan Port Authority  
Yeosu Gwangyang Port Authority

## Education

Buk-gu Office, Daegu  
Cargo Truck Driver Welfare Foundation  
Construction Industry Information Center  
Daegu Metropolitan City Hall  
Daejeon Government Integrated Information Center  
Dalseo-gu Office, Daegu  
Defense Media Agency  
Financial Inclusion Promotion Agency  
Geoje-si Facility Management Corporation  
Gimhae City Hall  
Gwanak Library, Seoul

Gyeongbuk Provincial Government  
Gyeongju City Hall  
Gyeongsan City Hall  
Gyeongsangbuk-do Agricultural Research & Extension Services  
Gyeongsangbuk-do Office of Education  
Human Resources Development Service of Korea  
Korea Customs and Trade Development Institute  
Korea Environmental Corporation  
Korea Ginseng Corporation and many others  
Korea Housing and Urban Guarantee Corporation

Korea Housing Guarantee  
Korea International Cooperation Agency (KOICA)  
Korea Land and Housing Corporation  
Korea Maritime and Fisheries Training Institute  
Korea Railroad Research Institute  
Korea Scholars Pension Foundation  
Korea Specialty Contractors Association  
Korea Trucking Association  
Korea Water Resources Corporation  
Ministry of National Defense  
Ministry of Oceans and Fisheries

Mokpo City Hall  
Namhae-gun Office  
National Intelligence Service  
Presidential Archives of the Ministry of the Interior and Safety  
Seodaemun Lee JinAh Memorial Library  
The Export-Import Bank of Korea  
Ulsan Port Authority  
Yeosu Gwangyang Port Authority

## Finance

Acuon Savings Bank  
BS Savings Bank  
Daishin Savings Bank  
DGB Capital  
DGB U-Pay  
KB Asset Management  
KB Capital

KB Investment & Securities  
Lotto Cashback  
MG Community Credit Cooperatives  
Mirae Mutual Savings Bank  
National Federation of Fisheries Cooperatives  
NICE Information Service  
Teen Cash

The Export-Import Bank of Korea  
U-Payment  
KB Savings Bank  
Financial Security Institute (FSI)  
Daegu Bank  
Viva Republica  
Shinhan Savings Bank

Shinhan Financial Plus  
OKE Bank Indonesia  
Woori Comprehensive Financial  
Eugene Investment & Securities  
Toss Securities  
Hana Alternative Asset Management  
Happy Money INC

## Medical

Andong Hospital  
Andong Medical Center  
Bogang Hospital  
ceonjusungsam Hospital  
Changwon Fatima Hospital

Chilgok Catholic Hospital  
Chosun University Hospital  
Daegu Catholic University Medical Center  
Daegu Fatima Hospital  
Gumi Cha Medical Center

Jeonju Presbyterian Medical Center  
Kwak Hospital  
Kyungpook National University Dental Hospital  
Kyungpook National University Hospital  
Open Big Hospital

Pohang St. Mary's Hospital  
Soon Chun Hyang University Hospital  
St. Mary's Will Hospital

## Corporation

365 Home Care  
AhnLab Inc.  
CJ Logistics  
Cocoon  
Daekyo  
Daesang Group  
Daiso  
DecoView  
DGB Data System  
Donga Department Store  
Dong-a Ilbo  
Dongkuk Industries  
FnGuide  
Gioyoung  
Hankyung Media Group  
Heesung Electronics Ltd  
Hung-A Tire  
Hyundai Engineering  
Hyundai Home Shopping  
Hyundai Mobis

Hyundai Steel  
Hyundai WIA  
i&Play Corporation  
IHQ  
Inje Speedium  
Inseong Data  
IntechPlus  
J Park  
J.Theme  
Jihyung Casting  
JSN Co., Ltd.  
Kakao Entertainment  
KC Co., Ltd.  
KC Corporation  
Kinko's Korea  
Korea Ratings  
KoreaTravels  
LG U+  
Market Kurly  
MoonGang

Motras  
Nice D&R Co., Ltd.  
NPC  
Nuri Flex  
Oriental Brewery (OB)  
P&C Solution  
Pinotech  
PNDT  
POSCO  
Realtime Travel Solution  
Roca Mobility  
Safe Zone Corporation  
Samhwa Paint  
Samick THK  
SANT  
SBS Plus  
Shinpoong Pharmaceutical Co., Ltd.  
Shinsegae I&C  
Shinwha Food Co., Ltd.  
Shinwon

SKON  
SL China Alliance Factory  
SL Jinryang Factory  
SL MIRATECH  
SL Yantai  
SparkL  
Ssangyong C&E  
StarVision  
Stewart Information - International  
Taerim Paper, Taerim Packaging  
The Skin Factory  
THN Co., Ltd.  
Toray Advanced Materials  
Unitos  
Vision Semicon  
YTN



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BCP Solutions (ARK product group)  
**Acquired software quality certification**  
(GS certification)



BCP Solutions (ARK product group)  
**Selected as an administration**  
**business software**



BCP Solutions (ARK product group)  
**Patent No. 10-0891036**