

Ark Oracle

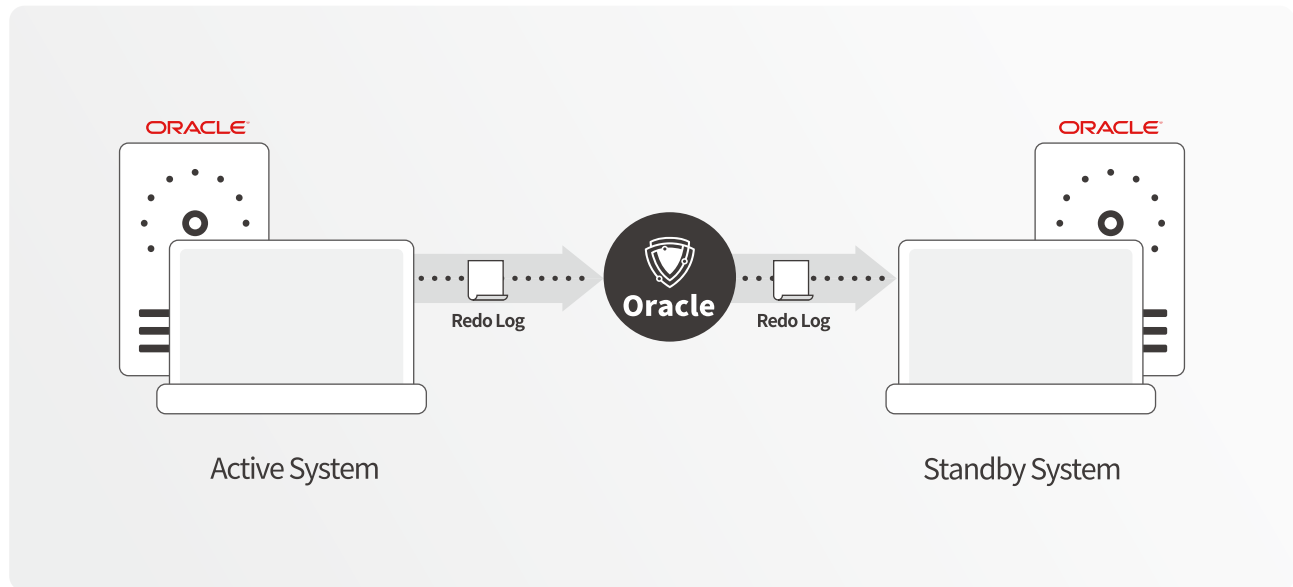
Oracle DB replication solution



Ark for Oracle

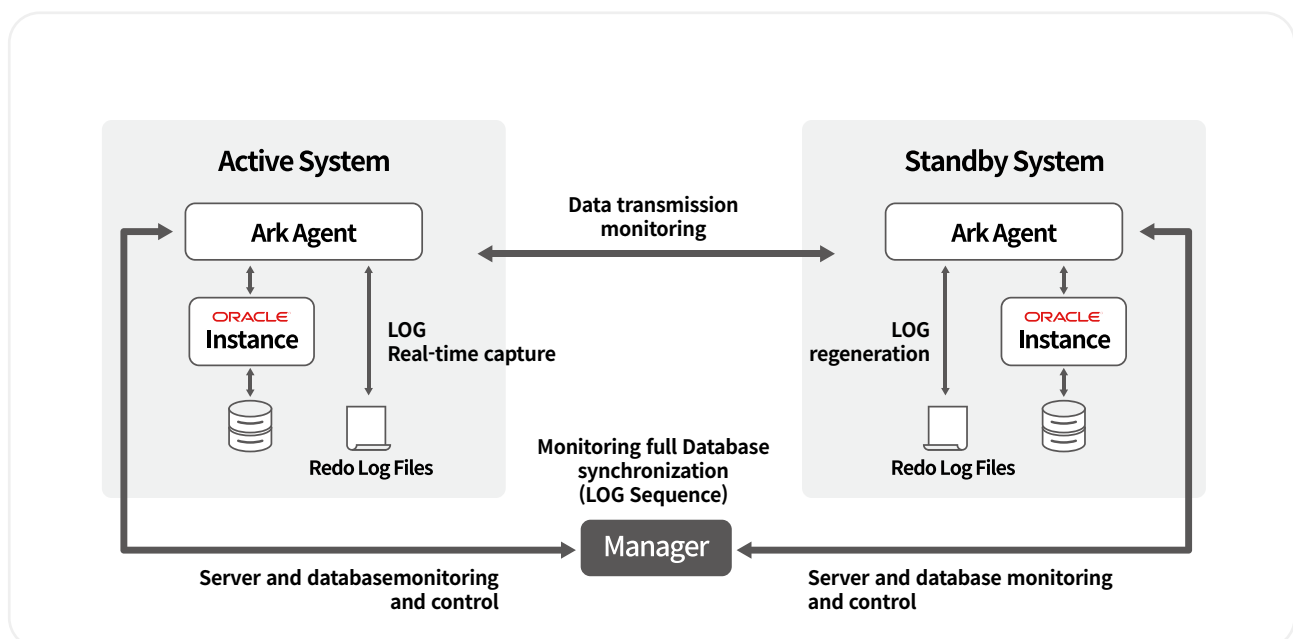
- Real-time data replication solution exclusively for Oracle DB

Ark for Oracle is a solution that transmits and replicates the changed data of Oracle Database in real-time. It extracts Redo Logs from an operating system in real-time and constitutes an identical log-based standby DB. Ark for Oracle is the simplest, most stable, and most cost-efficient solution that minimizes loading on operating systems while maximizing the performance of a system.



Architecture

Ark for Oracle consists of an Agent and Windows-based Manager.



※ Ark for Oracle is an Oracle DB-exclusive solution that can be used in the same OS environment and DB version

Use Case

Use Case 1

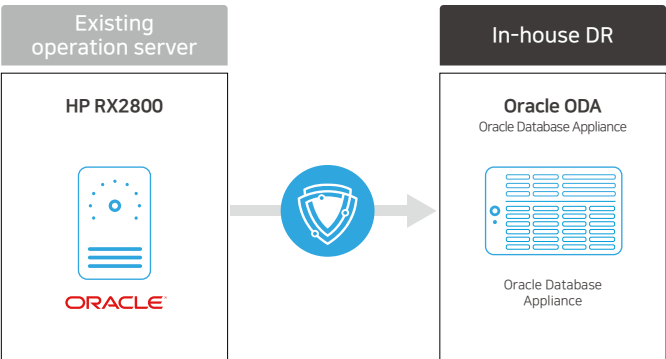
Disaster Recovery (DR) system implementation

Client's situation

Need to implement a DR system, as it has become a crucial necessity within the financial industries.

Outcome

The stability of system operation was enhanced with the cost-effective development of an In-House DR system by changing existing old server equipment to Oracle ODA.



Use Case 2

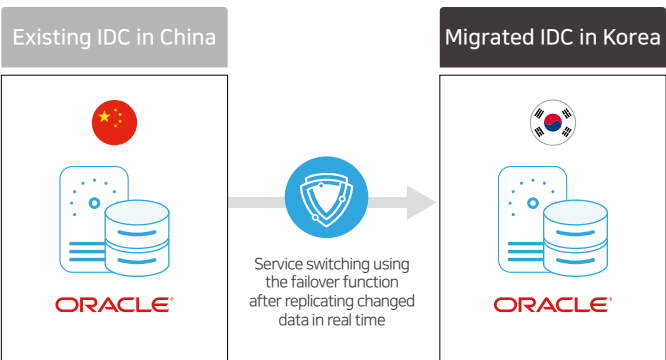
Zero downtime migration

Client's situation

Need to migrate data from the IDC in China to the IDC in Korea without any downtime.

Outcome

Data was successfully migrated without service interruption by switching the server role of the Chinese branch and the Korean branch using the Ark for Oracle failover function.



Use Case 3

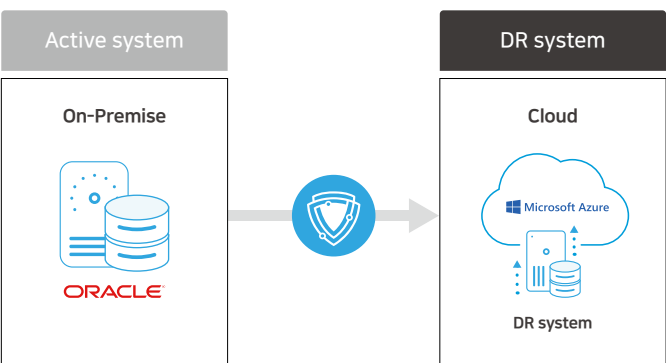
Real-time cloud data replication

Client's situation

The migration of the Sales POS system from on-premises to the cloud platform was required.

Outcome

The platform environment was successfully switched over without service interruption by switching the role of the on-premise server and cloud server using the Switchover function of Ark for Oracle.



Key features

High performance

Real-time log transmission via an internal DB replication engine.

Coherence

Ensures perfect data coherence and integrity through physical replication.

Stability

Guarantees data stability with a recovery feature.

Switchover

Allows for seamless server role switching.

Auto Failover

Automatically resumes service on a standby server in case of a failure.

Efficiency

Enables the use of a standby server for search purposes.

Failure notice

Provides real-time malfunction notifications via mobile and email.

Manager

Provides a manager with an integrated GUI.

All in One

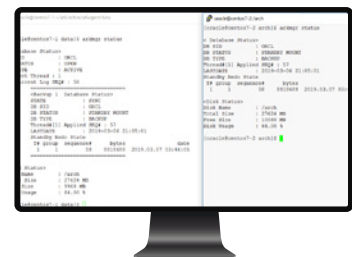
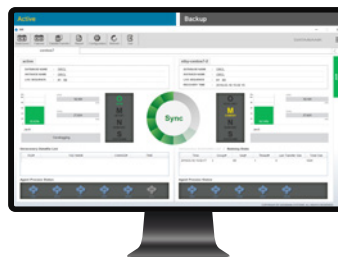
All features come under a single license without additional purchase costs.

Differences from Competitor Products

Check Point 1

Integrated management monitoring function

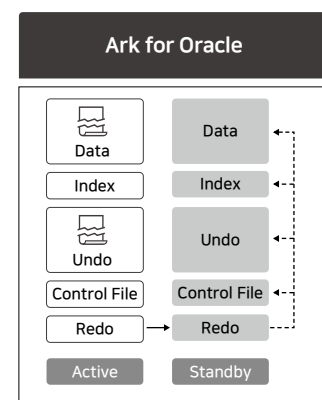
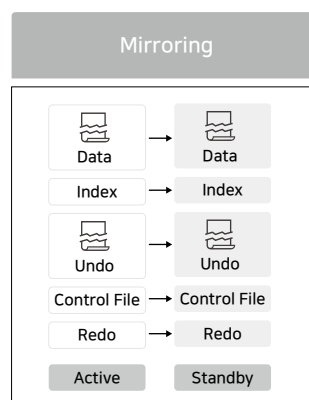
Agent control and replication information monitoring using the CLI & GUI-based manager. Easy management of various functions using manager, such as switchover and failover, including data coherence check.



Check Point 2

Perfect coherence and stability

Ensuring the perfect data coherence of the replicated database with physical replication. Unlike SW mirroring solutions, Ark for Oracle ensures data stability by not transmitting corrupted blocks in the operational system server.



Differences from Competitor Products

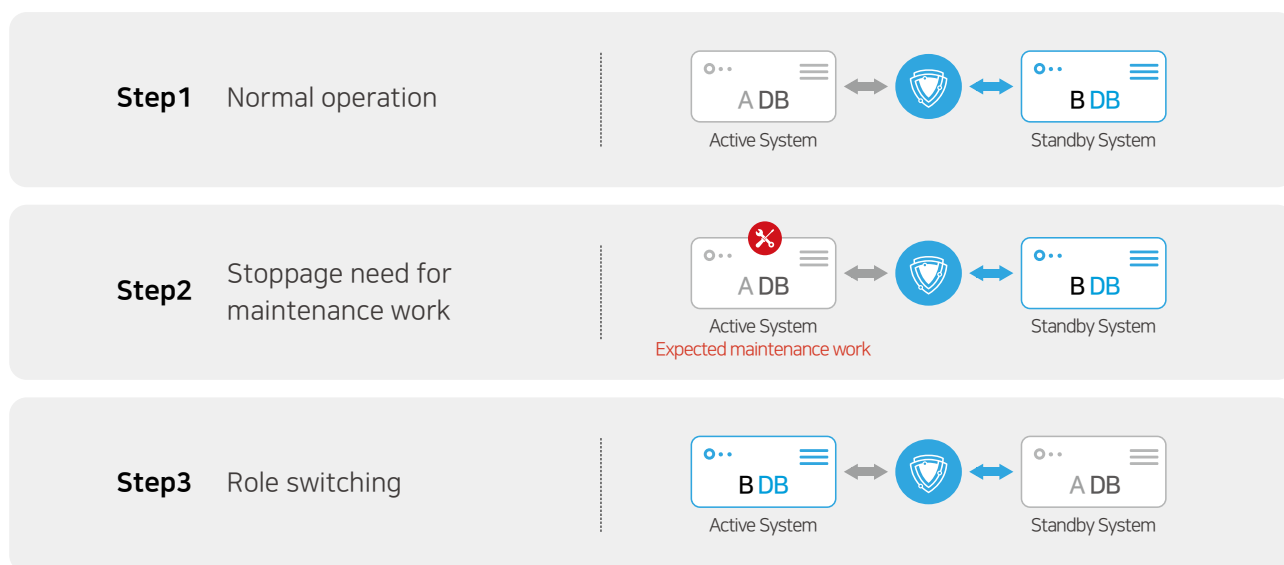
Check Point 3

Ensuring business continuity

Ensuring business continuity by starting the service immediately in the standby server in case of failure.

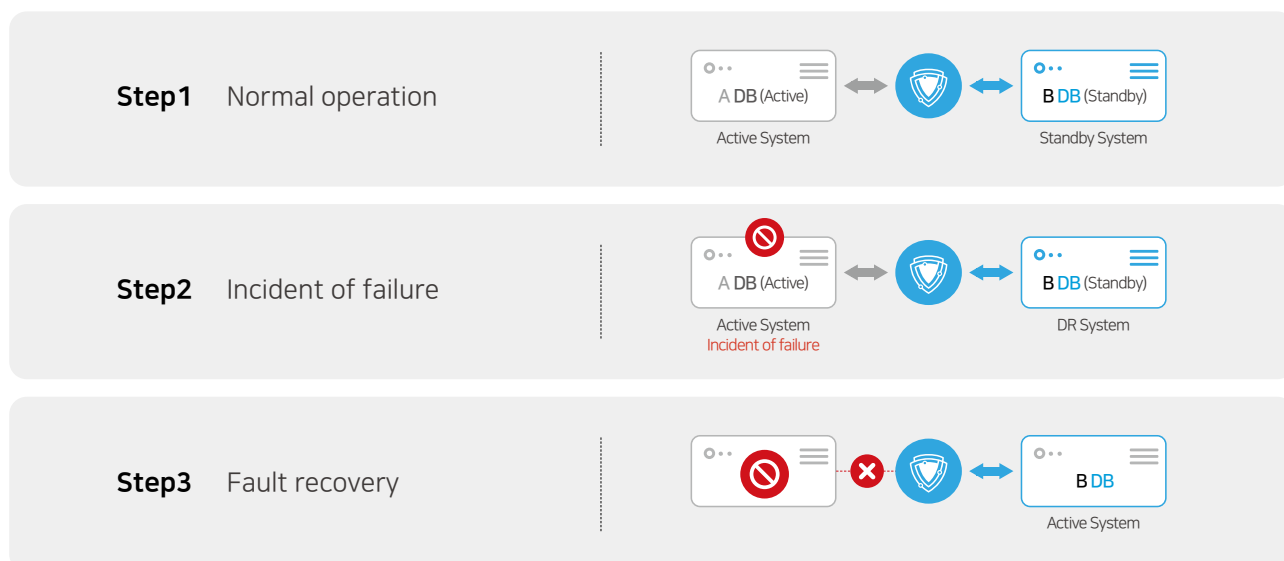
Switchover

In case of performing a task that needs stoppage of an operating system, it switches to the role of a server to minimize suspension of the task service.



Auto Failover

In case a failure occurs in an operating system, the service is automatically resumed in a standby server to ensure continuity in task.



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
Shinan 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
ceonjungsam 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
Coocon
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
Jilhyung 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



ArkData

ArkData

Tel : +84-2-1644-1946

E-mail : sales@iarkdata.com

Web : www.iarkdata.com



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