



SMARTLINK

SERVICE INTRODUCTION

Data Integration Platform

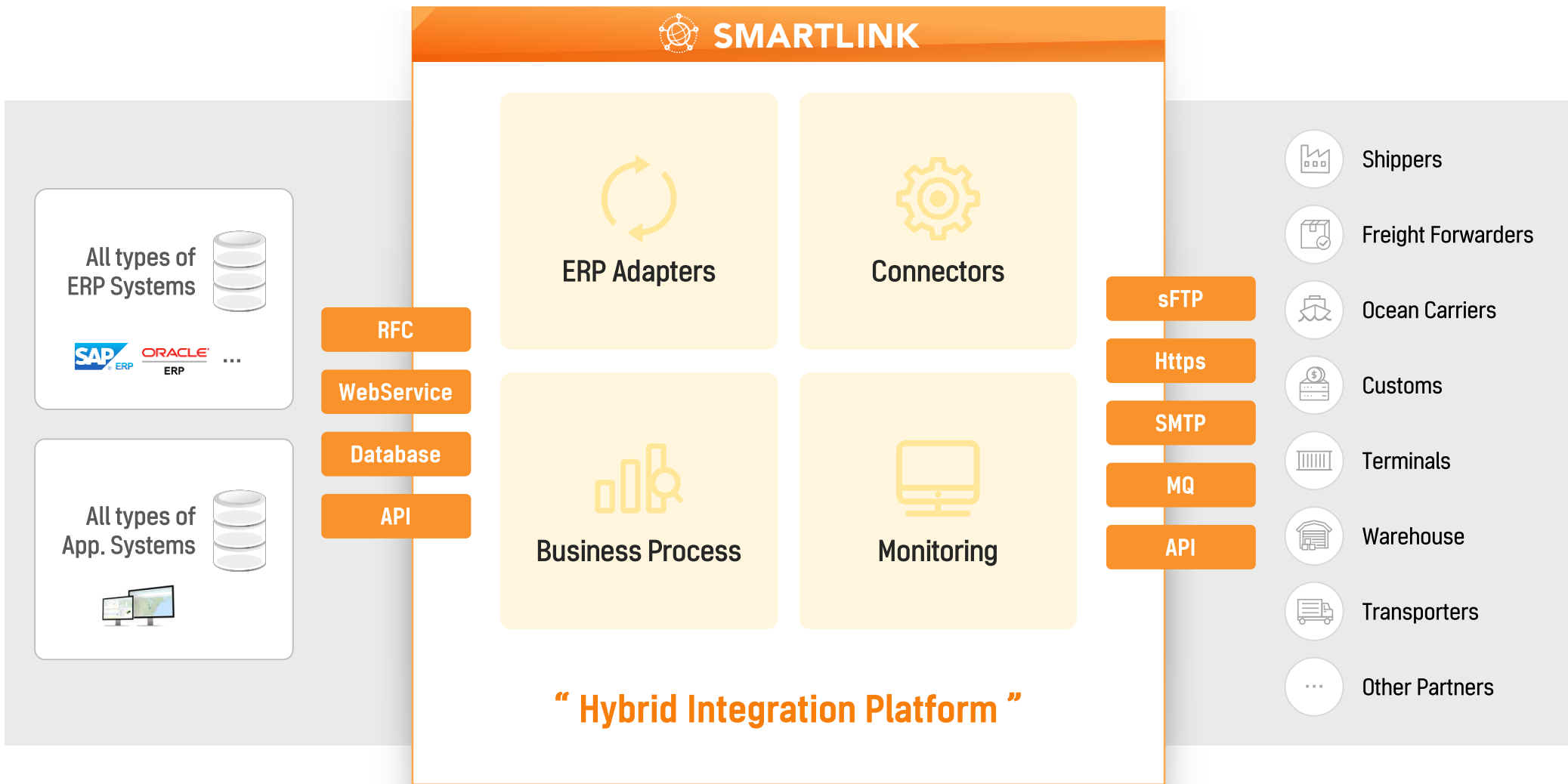
CyberLogitec

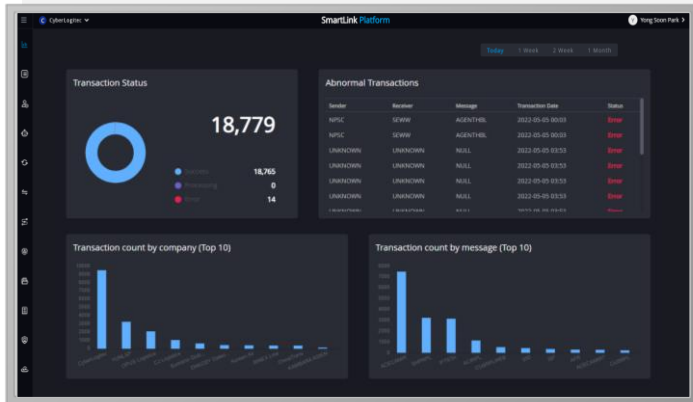




Business to Business Integration

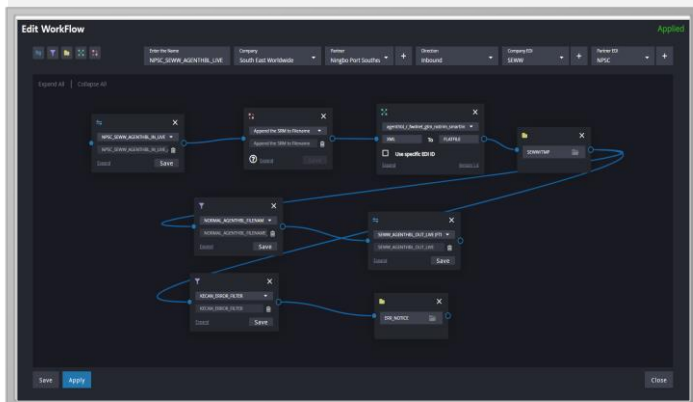
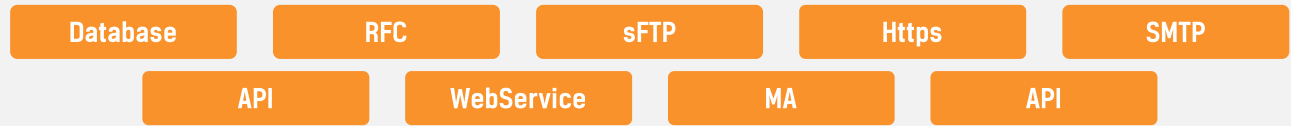
SMARTLINK provides a cloud-based integration solution that helps logistics stakeholders to connect any systems and applications for real-time data sharing. Logistics stakeholders can easily share the business data with their trading partners with powerful tools.





ERP Adapters & Connectors

SMARTLINK provides multiple ways to connect the application of logistics stakeholders. We support pre-built connectors and universal adapters to control various protocols. In addition, we have adapters for integration with ERP or application systems.



Business Process Builder

SMARTLINK provides business process automation technologies to automate the routine manual processes that take place in day to day business. The comprehensive features in the SmartLink Data Integration solution allow users to analyze the data structures and transform data into any format with our powerful Business Process Builder.

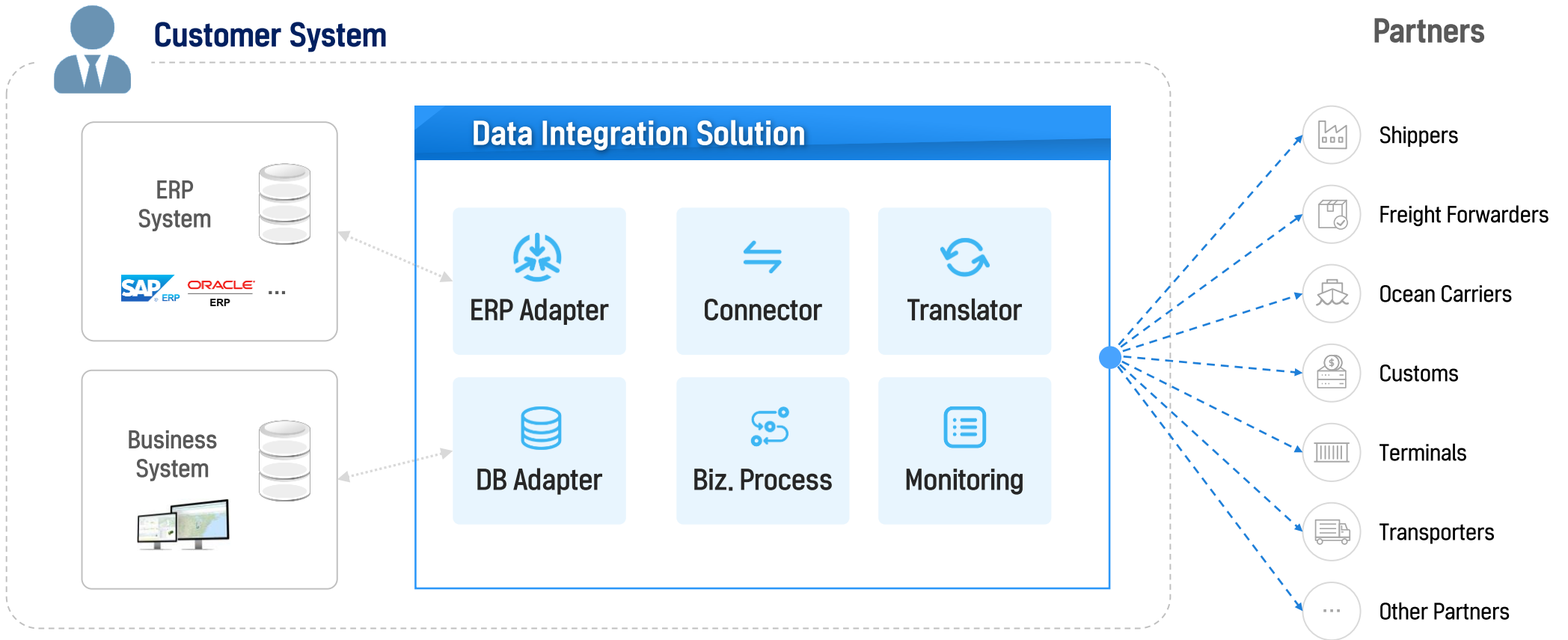
Workspace & Monitoring

SMARTLINK provides a workspace that enables users to develop and configure the adapters and conversion components. In addition, users can check data integration transactions and detects system abnormalities in a monitoring tool.



Application Model : Delivery

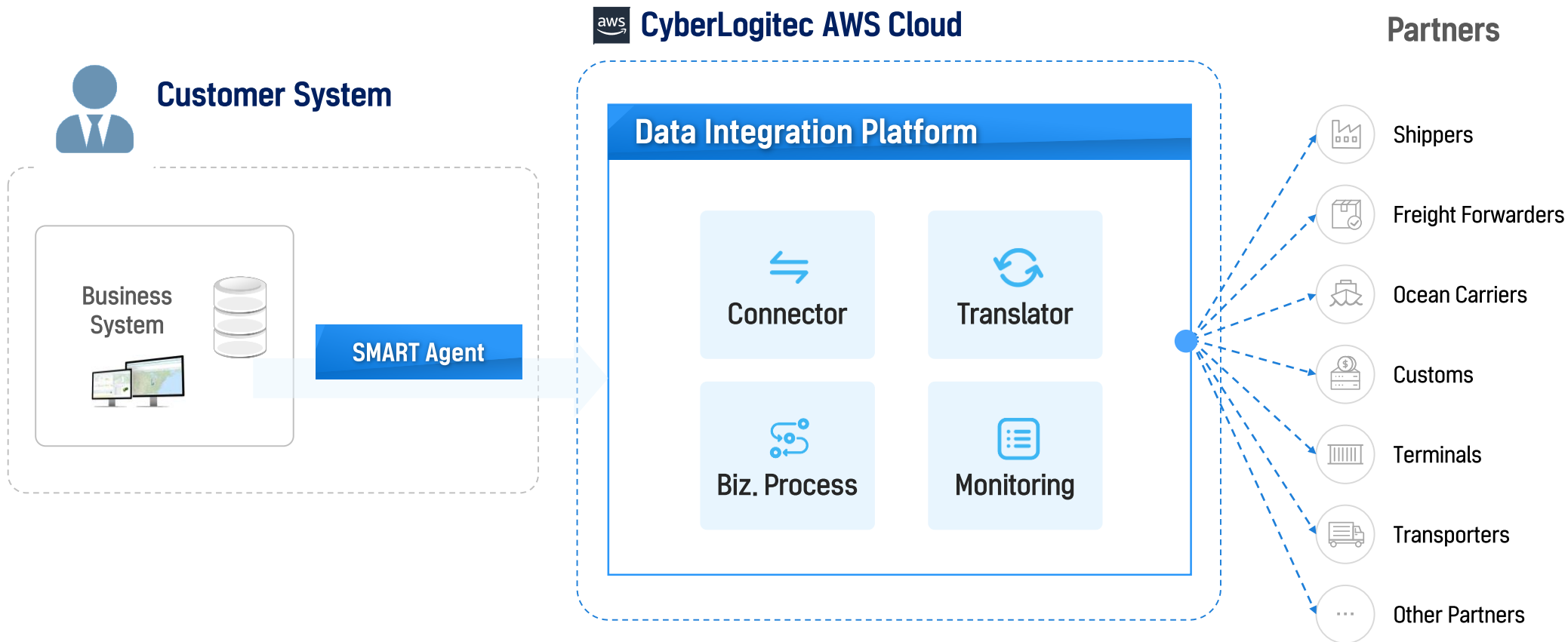
By installing **SMARTLINK** on the customer's system, external data integration with partners can be achieved, as well as data integration between internal systems such as the ERP and Biz. System that the customer uses. **SMARTLINK** is composed of MSA architecture, which allows customers to select the desired functions for installation, and can be installed without customization based on the customer's server environment.





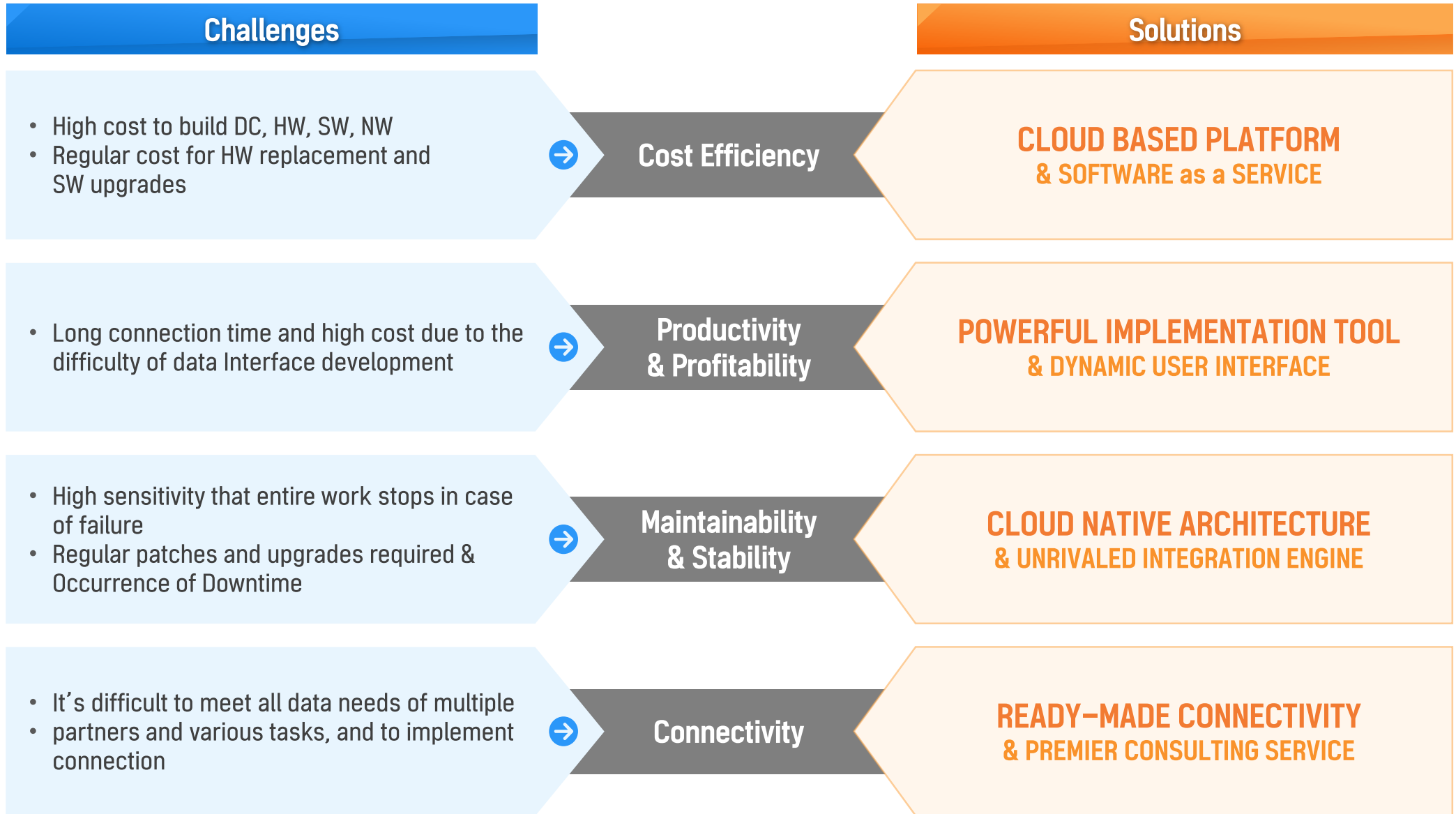
Application Model : SaaS

We can provide the **SMARTLINK** Data Integration Solution as a service without separate construction or installation. Customers can utilize all functions of **SMARTLINK** that are upgraded based on the transaction volume they use, without construction costs and maintenance costs. If it is difficult to develop data transmission and reception on the customer's system, SMART Agent enables connection without system changes.





Challenges & Solutions





Values of Solution

① CLOUD BASED PLATFORM & SOFTWARE as a SERVICE

“ SmartLink realizes the following 4 benefits of the latest trend cloud based platform and SaaS. ”

▶ Software as a Service

SmartLink removes the requirement to build a system. It provides a full system solution on pay-as-you-go basis so that significant cost savings can be achieved.

▶ Accessibility

Since it's a Cloud-based platform, businesses can check their operations on the go from anywhere, anytime, any device.

Data Integration Platform

▶ Scalability

SmartLink allows increasing its workload using current committed system resources. Elasticity enables the platform to add more system resources when the need occurs, drawing on capacity in the cloud.

▶ Flexibility

SmartLink is not only an easy-to-use platform but also a flexible one. You can expand your business without worrying about setting up a time consuming, data integration.



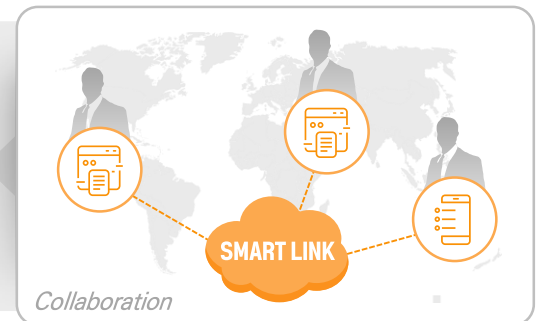
Values of Solution

② POWERFUL IMPLEMENTATION TOOL & DYNAMIC USER INTERFACE

“ SMARTLINK provides a powerful data integration tool to increase productivity.”

▶ WEB Embedded Tool

Web embedded integration tool is provided so that it can be used anytime, anywhere, and development/application/monitoring can be done in one integrated site.



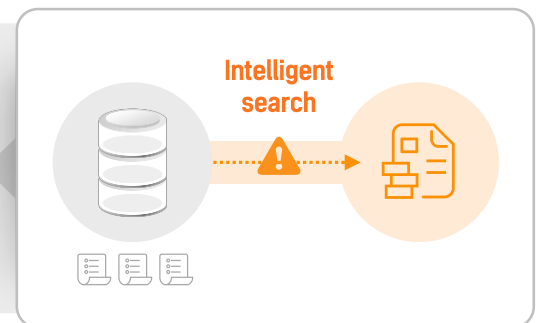
▶ Simple & Easy Configuration Tool

Anyone can set it without struggle using direct drawing method by component drag and drop, and the Data Flow can be grasped at a glance.



▶ EDI Asset Management Tool

The applied EDI layout and mapping script can be saved/managed in the Repository by version, and automatically finds similar assets to improve reusability when developing new data.





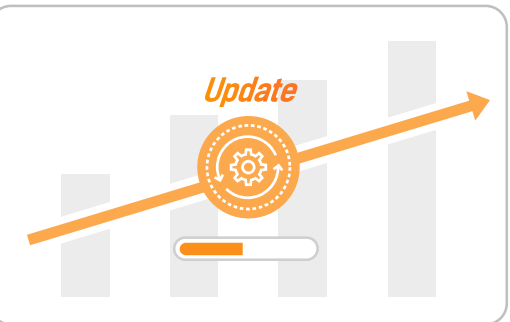
Values of Solution

③ CLOUD NATIVE ARCHITECTURE & UNRIVALED INTEGRATION ENGINE

“ SmartLink comprises an Architecture with excellent maintainability and stability.”

▶ DevOps + CI/CD + Container + MSA

It comprises Micro Service Architecture & Rolling Update method, which enables continuous upgrades of customer requirements without service interruption.



▶ Zero Downtime Service

It provides uninterrupted service by deploying servers in multiple zones and distributing traffic through load balancing. In addition, a DR system has been built so that services can be restored in a short time even in the event of a disaster.



▶ High Quality & Performance

A large number of customer services have a proven built-in interface engine to handle large volumes of transactions promptly and accurately.

1M Transaction in **1HR**



“ Zero Error Rate ”



Values of Solution

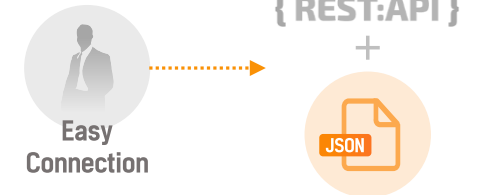
④ READY-MADE CONNECTIVITY & PREMIER CONSULTING SERVICE

“ SmartLink has a features that considers the difficulty of data connection. ”

► Logistics Data Integration SETs

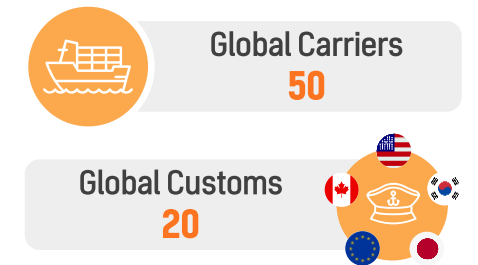
SmartLink provides about 100 frequently used logistics EDI integration JSON data and configuration set. It can easily integrate data with logistics partners using the easy-to-develop JSON Data + REST API.

“ SMARTLINK JSON SETs ”



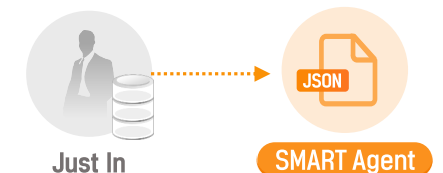
► Ready-Made Connection Service

SmartLink has already connected to about 20 global customs and 50 global ocean carriers, which in turn enables to connect customs pre-declaration (AMS / ISF / AFR / ACI) and BKG / SI / Tracking Data without any additional work.



► Data Migration Tool






By providing a tool that can extract and transmit data from the customer's system, it helps to connect easily without unnecessary additional work.





Key Features

Key Features of the Data Integration Platform

Feature	Description
 Map Builder	<ul style="list-style-type: none"> • Develop / apply mapper without using a local PC by providing user-specific directory space allocation and file management tools. • Validate to apply mapper which compiles and executes successfully only.
 Workflow Setup	<ul style="list-style-type: none"> • After creating communication, mapper, filter, converter and folder as components, interface flow can be designed by dragging, dropping and linking. • Interface process can be easily checked by each partner and message.
 Transaction Log	<ul style="list-style-type: none"> • Allow checking status of data transaction and searching with business key • Able to check status of each workflow and setup of transaction at a glance • Efficiently initiate each step of re-processing when handling error transactions or executing re-transmission
 EDI Repository	<ul style="list-style-type: none"> • Utilizable like MIG as layout of EDIFACT and X12 Message is visually identifiable • Automatically finds the most similar Map by turning EDI Layout into repository when developing message
 User Component	<ul style="list-style-type: none"> • When designing the data interface, we provide a component that allows users to directly insert script code. • Capable of developing a custom code and calling its functionality from the code in the script component.



06 Data Integration Platform Benefits

Benefits of Getting SmartLink Platform

Manager

- Infrastructure cost saving
- Increase resources efficiency

Cost Efficiency



Developer

- Shortened development time and easy implementation of demanding connection
- Simple management of EDI resource
- Minimized errors caused by infra and network

Integration Productivity



Architect

- Efficient resource utilization and increased scalability
- No need to worry about HW and SW Upgrades

Maintainability

