**Export·Import Customs Clearance
System Solution & Platform Company**

LOGINNETWORK
PROFILE

Ver. 3.1.4

2022.09

LoginNetwork provides customized consulting service
in the field of customs clearance and logistics management service.

since 2010
LOGINNETWORK

Logins Everything

LOGINNETWORK Co., Ltd. creates a better world

through new connections between people and technology.

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LoginNetwork provides customized consulting service
in the field of customs clearance and logistics management service.

Vision & Mission

Established in 2010, LOGIN NETWORK started with IT infrastructure services with the vision of creating a better world through new connections between people and technology.
Today, we provide easy and fast global export and import customs clearance system solutions and platform services by integrating technology to streamline inconvenient and repetitive customs tasks.

Vision

Logins Everything

We create a better world through new connections between people and technology.
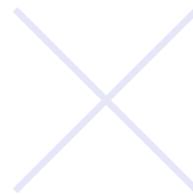
Mission

We lead change and innovation as a technology platform through continuous R&D in future technologies such as AI, RPA, and Deep Learning, delivering differentiated services to our customers..

History

2025
Aug Amkor Technology DocuAI contract
Jun Used car export agency platform launched

2024
Oct DocuAI Unseo Customs Brokers contract
Apr DocuAI Wooshin Customs Brokers contract

2022
Aug Tradeverse customs clearance logistics platform launched
Apr ValueLinkU Co., Ltd. logistics platform ClearanceON connection

2021
Dec LOGINS (corporate import/export clearance/logistics service) platform launched
Aug FedEx Express, Star Joint Customs Brokers RPA & export e-commerce established
Aug DHL Express, Unseo Customs Brokers Paperless System established
Mar SME cloud service voucher provider registered
Jan Ministry of SMEs and Startups non-face-to-face voucher provider selected

2020
Nov Flybox (message-based work support service) app scheduled to open
Oct Flypass (import/export clearance integrated support service) platform launched
Sep MyInvoice (invoice-centric collaboration service) platform launched
Jul Flycargo (integrated dispatch/control service) platform/app renewal launched

2019
Dec MyInvoice platform developed
Jul Customs office business management system developed
Jul E-commerce seller system developed
May Automatic invoice conversion solution advanced
Feb UiPath business partner selected

2018
Sep LLSv1 general-purpose dispatch control solution developed
Jun Used car export customs clearance solution developed

2017
Feb Invoice image document conversion system developed (OCR character recognition based)
Jan E-commerce express delivery next-generation version developed (business integration)

2016
Dec Express customs office groupware developed
Aug Korea Customs Service electronic submission automatic upload system developed
Mar E-commerce maritime express delivery system developed
Feb Invoice conversion solution (Flypass platform) developed

2015
Dec Ready Korea Customs Brokers Association clearance program maintenance contract
Nov Dispatch control system developed
Oct UPS & Customs Office electronic document-based web clearance system 1st development
Sep TNT Express & Customs Broker electronic document-based web clearance system developed
Apr E-commerce quarantine system developed

2014
Jul Customs broker-based web-linked clearance system developed
May Samsung Electronics IT solution partner registered
Mar Corporate R&D center certified

2013
Dec Venture company certified
Sep S/W Bank UI/UX consulting support provider selected
Sep Inha University industry-academic agreement signed

2012
Dec UPS document management system developed (OCR character recognition based)
May Customs broker-based e-commerce air express system developed

2011
Dec Mitchell imported car web quote system developed
May Web order dispatch logistics system (Flycargo platform) developed

2010
May Corporation established

II. Key Technology Certifications

We hold core certifications and patents for solutions and systems related to platform services.

2014

Certificate of Corporate R&D Center

Korea Industrial Technology Association

(No. 2014111266)

2014

Certificate of Patent

Korean Intellectual Property Office

(Patent No. 10-1511589)

2014

Certificate of Patent

Korean Intellectual Property Office

(Patent No. 10-1511590)

Platform Service

We provide total platform services related to import/export customs clearance and express logistics.

① TradeVerse (Customs Logistics Platform)
② FLYpass (Integrated Support for Import/ Export Customs Clearance)
③ FLYcargo (Integrated Dispatch/Control)
④ FLYbox (Message-based Real-time Task Support)
⑤ myinvoice (Invoice-centric Collaboration)
⑥ Automatic Invoice Conversion Solution
⑦ TradePass(Import/Export Customs Clearance Request App)
⑧ LOGINS (Import/Export Specialized Logistics)

System Solutions

We provide optimal system solutions tailored to various business environments for import/export customs clearance and express logistics..

① Smart Import/Export Customs Clearance Solution
② Integrated Dispatch/Control Solution
③ E-commerce Express Customs Clearance System
④ Express Item Classification System
⑤ Animal/Plant/Food Quarantine Solution
⑥ Flybox (Notification Message) Solution
⑦ Automatic INVOICE Conversion Solution
⑧ No.1 RPA Solution

System Integration & Maintenance

We develop standalone system solutions and provide the best maintenance for the provided solutions.

Over 120 customs offices within Incheon Airport

Facility Construction Service

We provide computing facilities (server/communication /network), the core of all operations, optimized for your business environment.

CJ Logistics / Baekma General Logistics Gongsung Logistic Co., Ltd. / Shindaedong Customs Corporation Wooil Customs Office / Air Incheon United Parcel Service Korea (UPS) Easy Cargo and over 50 other offices Haesung Customs Corporation and over 100 other companies, etc.

IV. Main Services

Platform

① TradeVerse (Import/Export MyData, Shipper/Forwarder)

② FLYPass (Integrated Support for Import/Export Customs Clearance, Customs Broker)

③ FLYcargo (Integrated Dispatch/Control, Transport Company)

④ FLYbox (Message-based Real-time Task Support)

⑤ myinvoice (Invoice-centric Collaboration)

⑥ TradePass (Import/Export Customs Clearance Request App)

⑦ LOGINS (Import/Export Specialized Logistics, Shipper/Forwarder)

GBTS (Import/Export Specialized Logistics) – Joint business ended Dec. 2021

BASIUM (Simple Customs Clearance Request App) – Joint business ended Dec. 2021
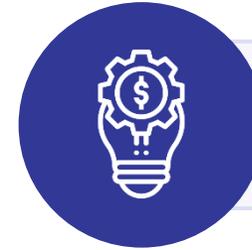
Solutions

① Smart Import/Export Customs Clearance Solution

② Integrated Dispatch/Control Solution

③ E-commerce Express Customs Clearance System

④ Express Item Classification System

⑤ Animal/Plant/Food Quarantine Solution

⑥ Flybox (Notification Message) Solution

⑦ Automatic INVOICE Conversion Solution

⑧ No.1 RPA Solution

Three Platform Services

TradeVerse – Shipper, Forwarder Platform

It collects and integrally manages the scattered import/export data of shippers based on the Korea Customs Service.

By digitally transforming the four major import/export tasks (shipping, customs clearance, transportation, and insurance) from traditional email methods to a dedicated platform, it enables seamless collaboration between internal and external stakeholders.
It also allows for the storage of import/export document data, as well as company-wide sharing and monitoring of the logistics status.

Ultimately, it is an import/export customs clearance and logistics platform service—acting as an 'import/export secretary in the palm of your hand'—designed to enhance work efficiency and reduce costs.

① Smart Collaboration
Import/export stakeholders can collaborate across internal departments and with logistics partners—such as forwarders, customs brokers, and transport companies—using a single platform and a dedicated messenger.

② Realization of Smart Work
By establishing a cloud-based platform environment, we realize a "smart work" system that allows you to easily log in, handle tasks, and monitor progress even while working from home, on a business trip, or on vacation.

③ Import/Export Document Storage and Logistics Status Sharing
By storing and sharing various documents (e.g., import/export declaration certificates, settlement statements) on the cloud, you can prevent document loss. Additionally, sharing real-time logistics statuses can reduce the need for constant status updates and inquiries.

④ P/O, Invoice, and Packing List Creation Management
Eliminate unnecessary work from the creation to the management of import/export P/Os, invoices, and packing lists. You can easily mass-produce multiple shipping documents, reducing simple, repetitive tasks and increasing overall productivity..

⑤ Import/Export Customs Clearance MyData
We collect and integrally manage shippers' import/export customs data—filed on their behalf by customs offices—based on Korea Customs Service records. Through big data analysis of these declaration details, you can generate statistics and reports, and manage master data such as unit price trends by import/export product, tariff classification, and requirement management.

⑥ Flexible Customization
We offer flexible customization development tailored to your specific situation, maximizing work efficiency through interfaces with the unique business environments and existing ERP systems of each import/export company.

logins – Shipper, Forwarder Platform

It is Korea's first ERP system specialized in import/export logistics.
It transforms the four major import/export tasks (shipping, customs clearance, transportation, and insurance) from a traditional email method to a system-based approach using a dedicated platform.
By establishing a collaborative structure among internal and external stakeholders, sharing import/export data and logistics statuses company-wide, and monitoring them together, it increases work efficiency and reduces costs.

① Smart Collaboration

Realizes collaboration across internal departments, logistics partners (such as forwarders, customs brokers, and transport companies), and clients on a single platform among stakeholders.

② Realization of Smart Work

By establishing a cloud-based platform environment, it realizes "smart work" that allows you to easily log in, handle tasks, and monitor progress even while working from home, on a business trip, or on vacation.

③ Logistics Status and Data Sharing

Saves and shares all generated and stored import/export documents on the Amazon Cloud (AWS) to prevent document loss. Eliminates unnecessary inquiries and reporting by sharing real-time logistics statuses.

④ Elimination and Improvement of Simple Document Tasks

Removes unnecessary management tasks and allows easy mass generation of multiple shipping documents. Realizes document management that requires no separate administration through a collaborative system.

⑤ Basic Provision of Import/Export Customs Clearance RM

Customs brokers and companies share import/export customs data together to basically provide RM (Risk Management) reports, such as unit price trend analysis, volume by client, and transaction amount aggregation.

⑥ Flexible Customization

Enables flexible customization development tailored to your situation, maximizing work efficiency through interfaces with the unique business environments and existing ERP systems of each import/export company.

FLYpass – Customs Broker Platform

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We provide an integrated support system necessary for import/export customs clearance, including e-commerce express customs clearance solutions, import/export customs clearance solutions, automatic invoice conversion solutions, animal/plant/food quarantine solutions, and PAPERLESS systems.

① Smart Import/Export Customs Clearance Solution

The smart import/export customs clearance solution realizes a "paperless office," allowing all collaborative tasks (order registration, customs clearance, delivery) among shippers (express companies), customs brokers, and logistics companies to be processed entirely without the use of paper.

② Automatic Invoice Conversion Solution

When clearing items identical to previous declaration records, it loads the matching details to support fast and accurate declarations without the need for additional tariff classification or manual input.

③ PAPERLESS System

This system provides an electronic document analysis screen and an input environment simultaneously on a single screen. By analyzing electronic documents, it splits the screen to display the analyzed document on the left and a simple input-based customs clearance entry environment on the right, enabling efficient task processing.

④ Animal/Plant/Food Quarantine Solution

This smart quarantine system dramatically simplifies the overall quarantine procedures among shippers, forwarders, transport companies, customs brokers, and the Korea Customs Service. It realizes optimal integration with the import/export customs clearance solution and enables the uploading of clients' quarantine-related Excel files and ERP interface integration.

FLYcargo – Transport Company Platform

We provide an integrated dispatch and control solution that systematically and conveniently manages cargo transport tasks—which previously relied on complex communication and paperwork—ranging from cargo information and dispatch/control to electronic receipts and tax invoices.

① Transport Company Dispatch Order Management and Registration

Processes registration tasks through features like registering, modifying, and deleting dispatch orders for drivers using the FLYcargo app, as well as printing and transmitting various necessary forms.

② Dispatch Allocation

Selects the order to be dispatched, searches for and assigns available vehicles, and sends a notification to the respective driver's FLYcargo app upon allocation completion.

③ Dispatch Control (Overall/Individual)

Monitors the driver's location and situation via the FLYcargo app, and checks progress such as transport status, loading/unloading receipts, and completion photos.

④ Receipt and Related Document Management

Manages and prints documents after verification, including receipts (PDF, Excel), transaction statements, Pick-up Reports, cargo delivery confirmations, and invoices.

⑤ Billing Management

Verifies the details and billing amounts of completed orders, then issues tax invoices (forward/reverse issuance).

⑥ Completed Order Invoice and Billing Details Management

Manages completed orders by searching for and verifying order details, billing amounts, and tax invoices.

⑦ Payment/Collection Management (Bank Integration)

Automates the processing of billing amounts and funds generated by orders through bank integration.

⑧ History Management

Checks and manages the history of all previously modified tasks at a glance.

FLYbox – Platform

FLYbox provides a solution that integrates with all of Login Network's solutions to deliver necessary information for import/export customs clearance to shippers, customs brokers, and forwarders via Kakao AlimTalk and SMS, allowing users to easily receive customs clearance updates as notifications.

① PCC Personal Information Collection

The prerequisite for quick and easy customs clearance, "Personal Information Collection"

The personal information collection feature eliminates the hassle of data entry by proceeding with customs clearance tasks based solely on approval status after the initial approval, enabling rapid processing of customs tasks.

② Simple Payment Feature

Simple payment features such as credit card/account transfer/virtual account deposit

You can process customs clearance with fast and simple payments within the FLYbox app, streamlining the complex procedures that previously only progressed after payment was made during the customs clearance process.

③ Customs Clearance Progress Check

Check all progress of import/export customs clearance

You can check all processes (shipping, unloading, quarantine, etc.) through notifications in the app, and respond immediately if there are any special issues such as quarantine or payment during the process.

④ Cloud Document System

Cloud storage of all documents in the customs clearance process

You can easily check major documents after task processing anytime, anywhere through the cloud.

myinvoice - Platform

As an invoice-centric import/export business collaboration platform, it provides simple and diverse services. It offers simple invoice management, collaboration tools like shared memos and file exchanges, customs broker clearance order requests, cloud-based history management, a thorough security system, and various business convenience features related to import/export.

① One-Click Excel Analysis

Analyzes Excel invoices and converts them into a DB. When saved in the cloud, the DB can be extracted into an item file required for customs declaration, enabling various task processing such as requesting customs clearance from a customs broker.

② Mass Generation & Management of Invoices

By saving invoice templates, invoices of the same format are automatically analyzed and saved to the DB. Saved templates can be utilized when creating identical invoices or during customs clearance tasks.

③ Collaboration Feature

During invoice creation or customs clearance order request tasks, you can attach content and files, use memo functions, and send notifications according to the task processing status, enabling collaborative work with other departments, teams, or companies.

④ Customs Broker Clearance Order Request

By adding content and attaching files to saved invoices, you can proceed with a customs clearance order request to a designated customs broker and collaborate with them.

⑤ Smart History Management

Through cloud-based history management, the history used for various invoices and customs clearance tasks can be checked anytime, anywhere. Customs clearance tasks under the same conditions can be executed with a single click.

⑥ Security System

All files, memos, and data within myinvoice are encrypted immediately upon saving. Also, by using Amazon Web Services (AWS), equipped with world-class security, there is no worry about data leaks or loss.

⑦ Business Convenience Features

Enables integrated management of all documents and data related to invoices (such as certificates of origin, P.O.s, quotations, and on-site photos) and related tasks like customs clearance.

Smart Import/Export Customs Clearance – Solution

The Smart Import/Export Customs Clearance Solution is a solution that has realized a "paperless office."
Based on Login Network's technology, it digitizes all communication and delivery methods among shippers (express companies),
customs brokers, and logistics companies to process tasks (order registration, customs clearance, and delivery).
It is a smart solution that allows you to work while viewing the entire progress at a glance.

Shipper/Express Company

PDF

Check Delivery Status

Order Registration / Check Delivery Request

SMART Import/Export Solution

Transport Company

XML Return Receipt Result / Delivery Request

Customs Broker

Korea Customs Service Customs Clearance Transmission/Reception
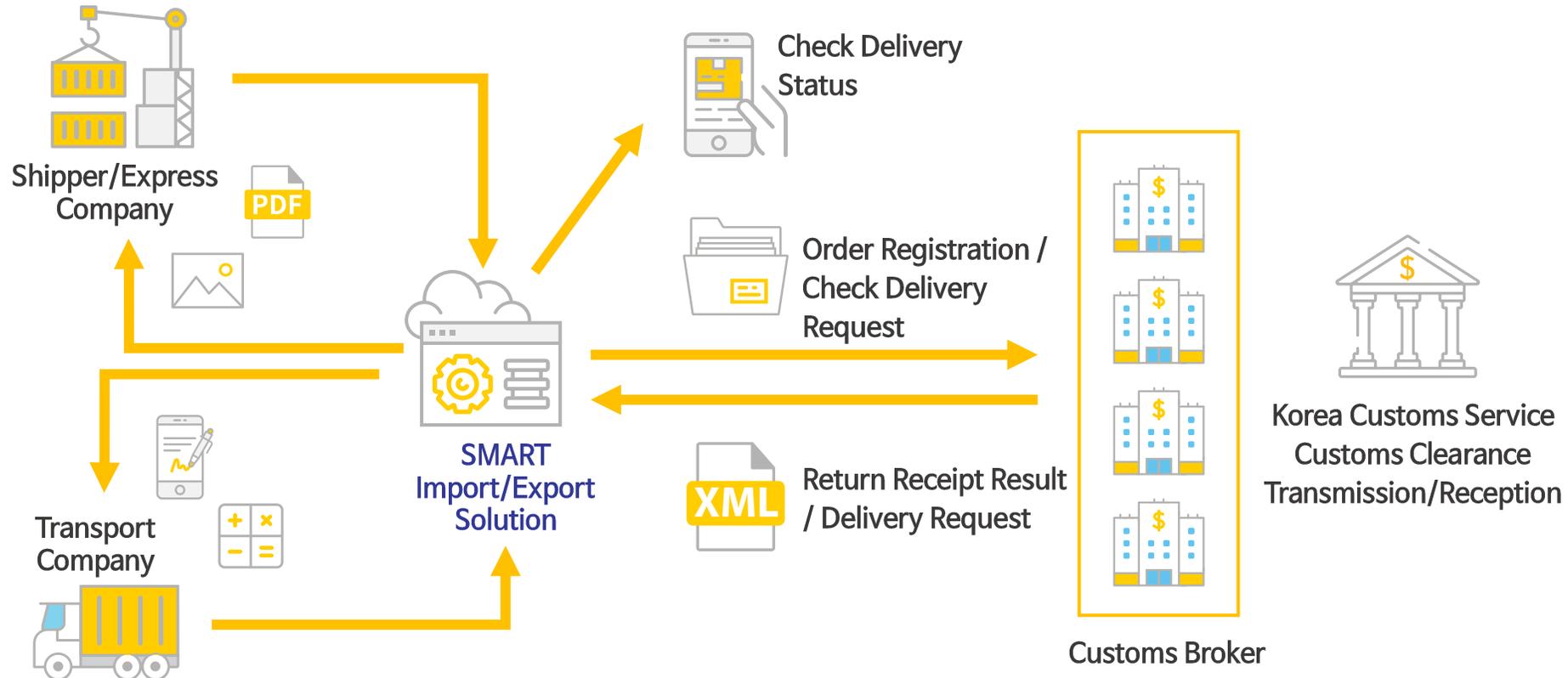
Integrated Dispatch/Control Solution

Shares real-time order information among shippers, forwarders, transport companies, and customs brokers.

- Receives B/L and import declaration certificates (cover sheet) via EDI from the import/export customs clearance collaboration solution to link cargo dispatch/receiving information.

- Links photos of items arriving at loading/unloading points and customer signatures to electronic receipts in real-time through real-time control, then prints and stores them in the cloud.

Cargo Dispatch/Receiving Information Link

Cloud DATA/History Storage

Order Management (EDI Transmission)

Integrated Dispatch /Control Solution

Receive Cargo Information

Customer Signature Electronic Receipt

Client (Shipper/Forwarder/ Transport Company)

Cargo Progress Information, Invoice Management, Billing/Settlement Payment /Collection Management

Customs Broker

Check Movement Route

Cargo Loading/Unloading

Express Item Classification Solution

L

After initially determining prohibited import items and clearable items through 2-digit and 10-digit tariff classification based on the item name, clearable items are secondarily classified into list and general customs clearance cases based on criteria such as amount, quarantine, and hazardous materials.
It is a solution that supports smooth and fast customs clearance with personal information verification and collection functions linked to the Korea Customs Service system.

Personal Information Collection Function

A contracted customs broker receives the personal information of a third-party shipper to proceed with customs clearance, resolving inefficient tasks such as phone calls or text messages from the person in charge.

Item Description
(Keyword Management)

HS Classification
(2-Digit)

Amount, Hazardous Material, Quarantine Classification

List/General

Import Prohibited

Tariff Classification

Express Company Declaration

Customs Broker Declaration

Express Item Classification System

When clearing items identical to previous declaration records, it loads the matching details to support fast and accurate declarations without the need for additional tariff classification or manual input.

Send SMS

SMS (AlimTalk)
Customer Reception

Check Cargo Progress Information, Enter Personal Information

SMS (AlimTalk)
Search Collection Results by Dispatch History
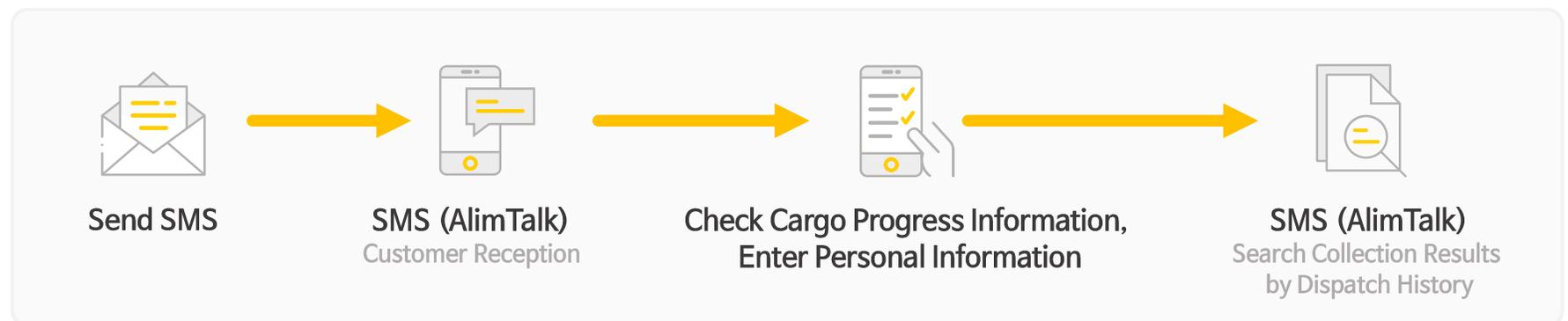
E-commerce Express Customs Clearance – Solution

By linking various paper documents for import/export customs clearance tasks with Excel,
DB to DB, and APIs, this solution provides features such as automatic tariff classification, automatic manifest updates,
automatic freight calculation by region, quarantine (animal/plant/food) declarations, express company reporting, and report generation.
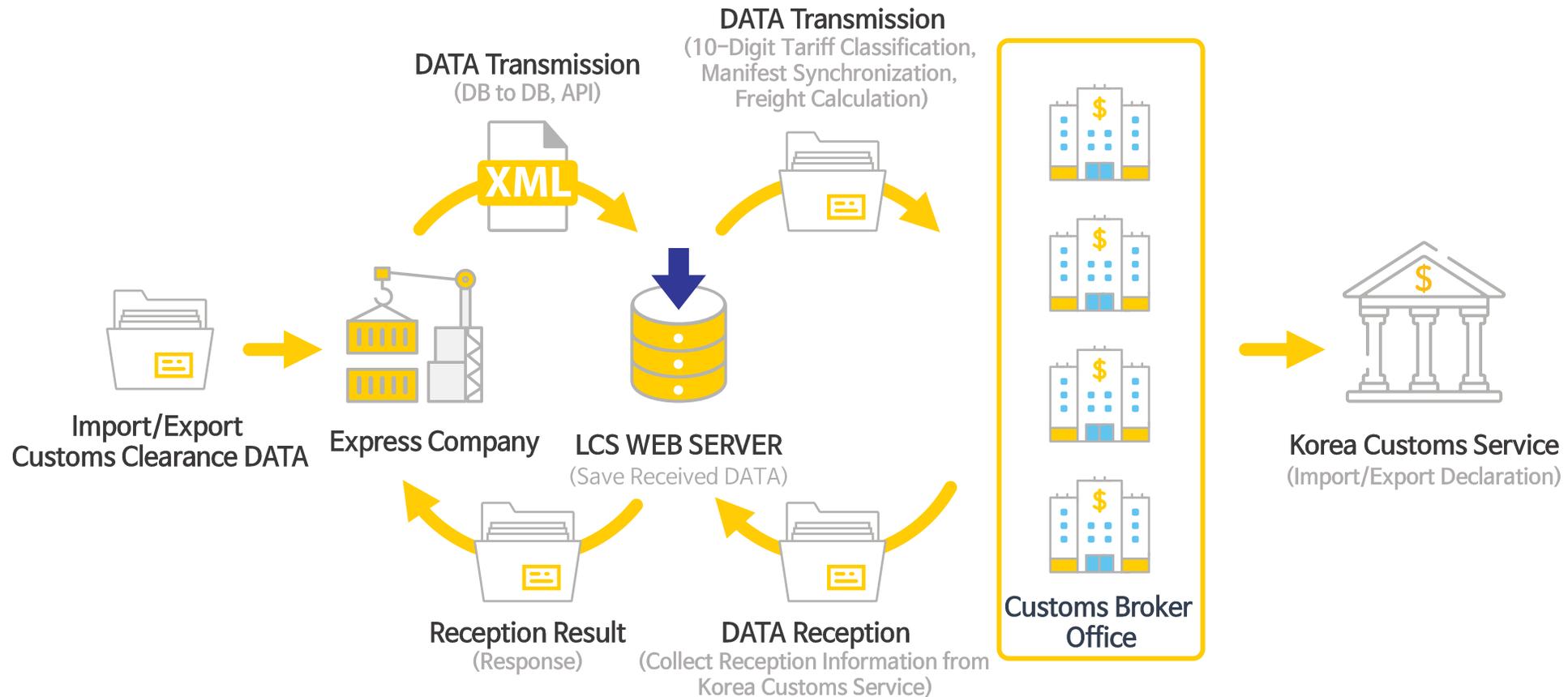Furthermore, it maximizes business communication between express companies and shippers by offering a split-screen
input environment—displaying the analyzed electronic document on the left and the customs clearance entry screen on the right.

DATA Transmission
(DB to DB, API)

XML

DATA Transmission
(10-Digit Tariff Classification,
Manifest Synchronization,
Freight Calculation)

Import/Export
Customs Clearance DATA

Express Company

LCS WEB SERVER
(Save Received DATA)

Customs Broker
Office

Korea Customs Service
(Import/Export Declaration)

Reception Result
(Response)

DATA Reception
(Collect Reception Information from
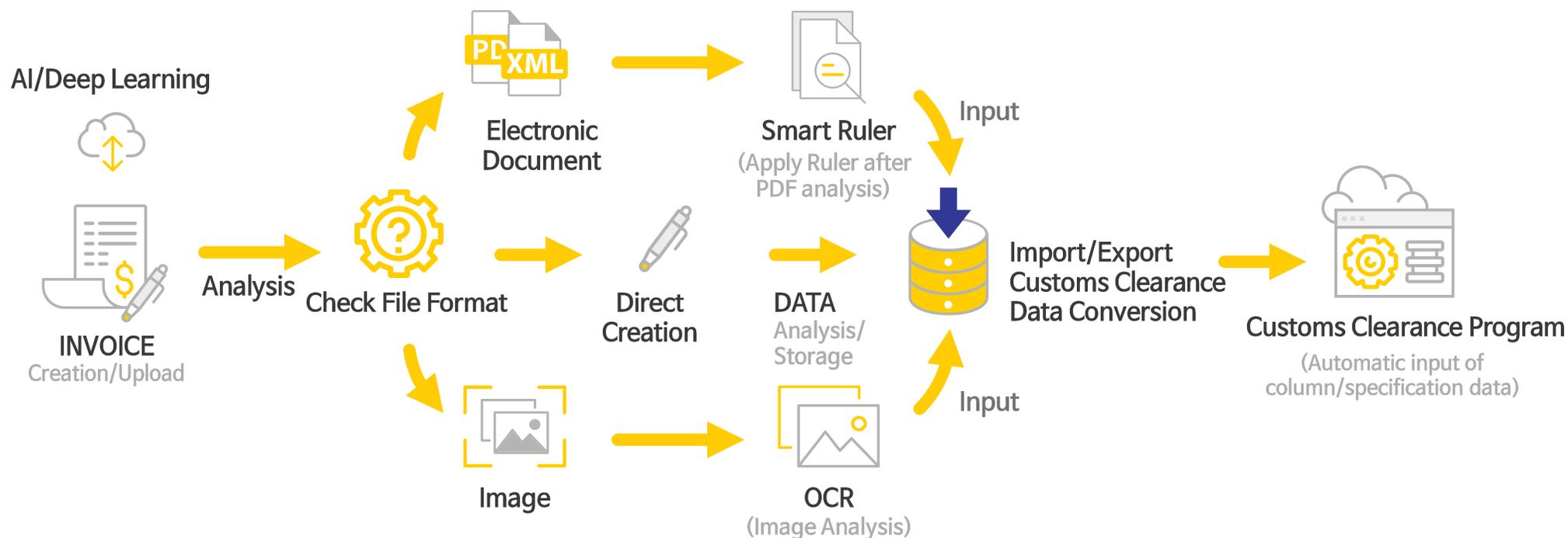Korea Customs Service)

Automatic INVOICE Conversion Solution

By analyzing INVOICE files (Image/PDF/EXCEL) according to their type using
OCR, Smart Ruler, and location value mapping, it automatically registers items corresponding to
each company's columns/tariff classification and specifications as DATA required for customs clearance.
For companies without a unique INVOICE format, it can be easily created using the provided standard format.

AI/Deep Learning

Electronic Document

Smart Ruler
(Apply Ruler after PDF analysis)

Input

INVOICE
Creation/Upload

Analysis

Check File Format

Direct Creation

DATA
Analysis/Storage

Import/Export
Customs Clearance
Data Conversion

Input

Image

OCR
(Image Analysis)

Customs Clearance Program
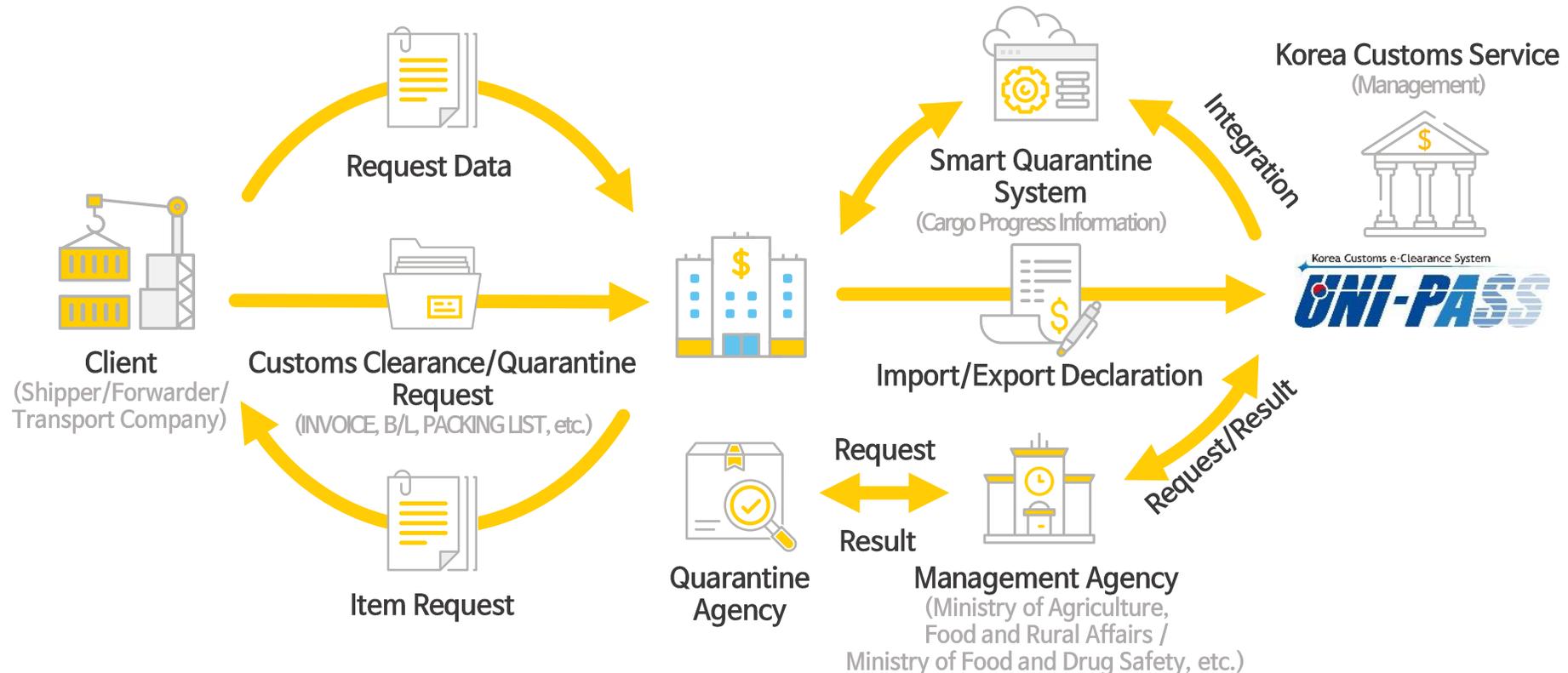(Automatic input of column/specification data)

Animal/Plant/Food Quarantine – Solution

Realizes optimal integration between the quarantine system and the import/export customs clearance solution.

Enables the uploading of clients' quarantine-related Excel files and ERP interface integration.

Request Data

Korea Customs Service
(Management)

Smart Quarantine System
(Cargo Progress Information)

Integration

Korea Customs e-Clearance System
UNI-PASS

Client
(Shipper/Forwarder/
Transport Company)

Customs Clearance/Quarantine Request
(INVOICE, B/L, PACKING LIST, etc.)

Import/Export Declaration

Item Request

Quarantine Agency

Request

Result

Management Agency
(Ministry of Agriculture,
Food and Rural Affairs /
Ministry of Food and Drug Safety, etc.)

Request/Result

FLYbox (Message-based Task Processing) - Solution

All informational messages required for import/export customs clearance
at once with FLYbox!

System Solutions × **FLYbox** Message

Smart Import/Export Customs Clearance Solution	Integrated Dispatch/ Control Solution	E-commerce Express Customs Clearance Solution

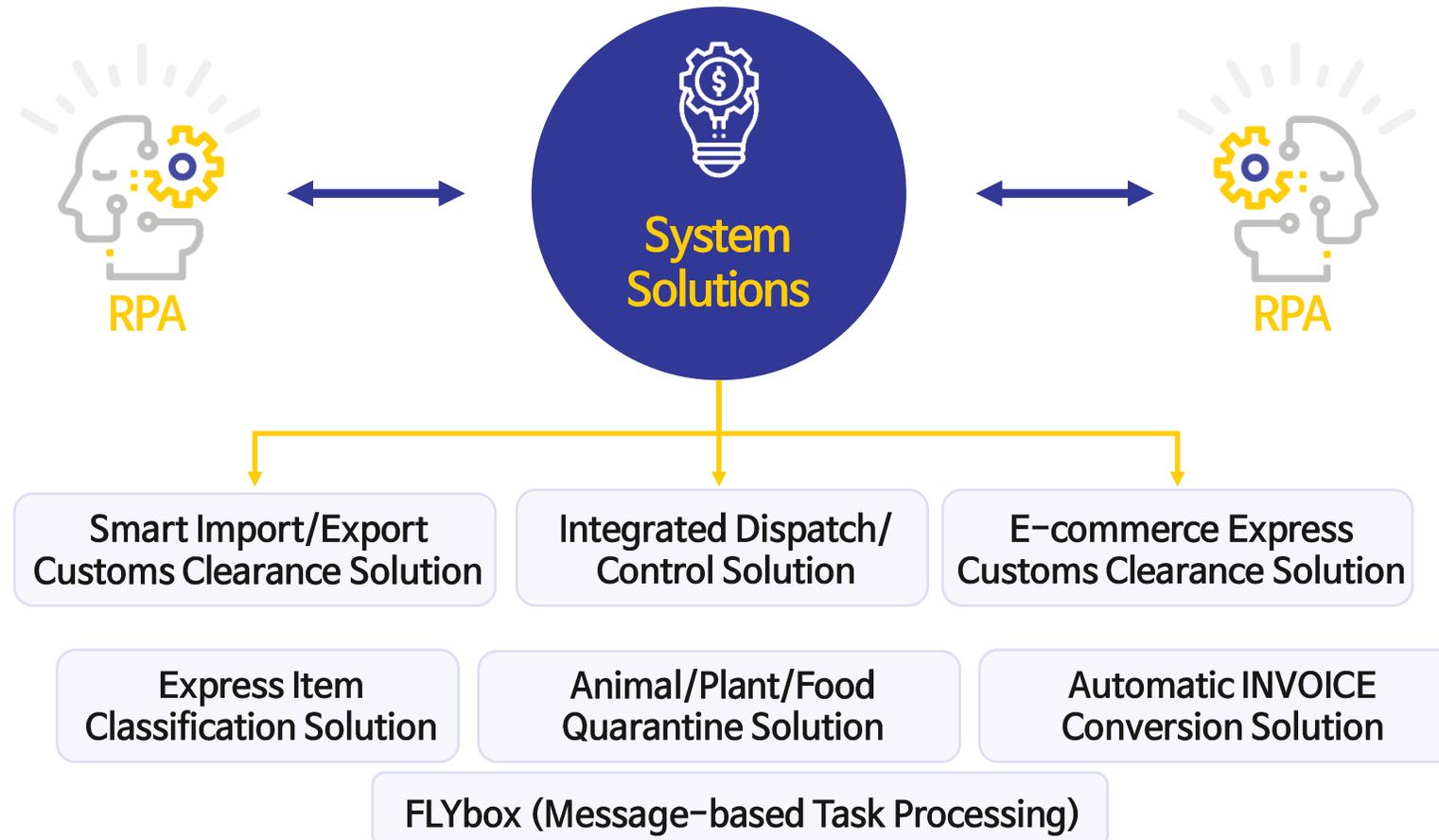| Express Item Classification Solution	Animal/Plant/Food Quarantine Solution	Automatic INVOICE Conversion Solution

FLYbox (Message-based Task Processing)

RPA – Solution

By combining system solutions with an RPA (Robotic Process Automation) system, it automatically processes all simple, repetitive tasks, streamlining workflows and improving business scalability and flexibility.

RPA

System Solutions

RPA

| Smart Import/Export Customs Clearance Solution | Integrated Dispatch/ Control Solution | E-commerce Express Customs Clearance Solution |

| Express Item Classification Solution | Animal/Plant/Food Quarantine Solution | Automatic INVOICE Conversion Solution |

FLYbox (Message-based Task Processing)

PROFILE

◼ **Company Name**	LOGINNETWORK Co., Ltd.
◼ **CEO**	Jungmin Kim
◼ **Date of Establishment**	May 20, 2010
◼ **Head Office Location**	40-8 Hwarangmok-ro, Jung-gu, Incheon (Unseo-dong)
◼ **Main Business**	Import/Export Customs Clearance and Logistics Platform Business
◼ **Website**	https://logins.kr/
◼ **Main Services**	① TradeVerse Shipper/Forwarder Platform ② FLYpass Customs Broker Platform ③ FLYcargo Transport Company Platform ④ TradePass Import/Export Customs Clearance Request App

Thank you

LOGINNETWORK

LOGINS