

KCS Single Window Case



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Korea Customs Service

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I . KCS Single Window

- Background
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Background

■ Background (1)

Need to resolve delays in customs clearance and cut logistics cost caused by double reporting of the same data to the customs and OGAs for verification of requirements including inspection/quarantine

Building Single Window to cut logistics cost and enhance user convenience

Recommendation by int'l organizations including WCO

WCO RKC recommends developing Single Window for exchange between the customs and trading companies of various data including quarantine certificate (Standard 7.4)

Background

■ Background (2)

Part of 7 Tasks in the Northeast Asia Logistics Hub Roadmap
(National Economic Advisory Council)

Development of Single Window for substantial upgrade of the customs clearance system is included in 7 Tasks of the Northeast Asia Logistics Hub Roadmap (Aug. 27, 2003)

Innovation drive throughout the trade process (National e-Trade Committee)

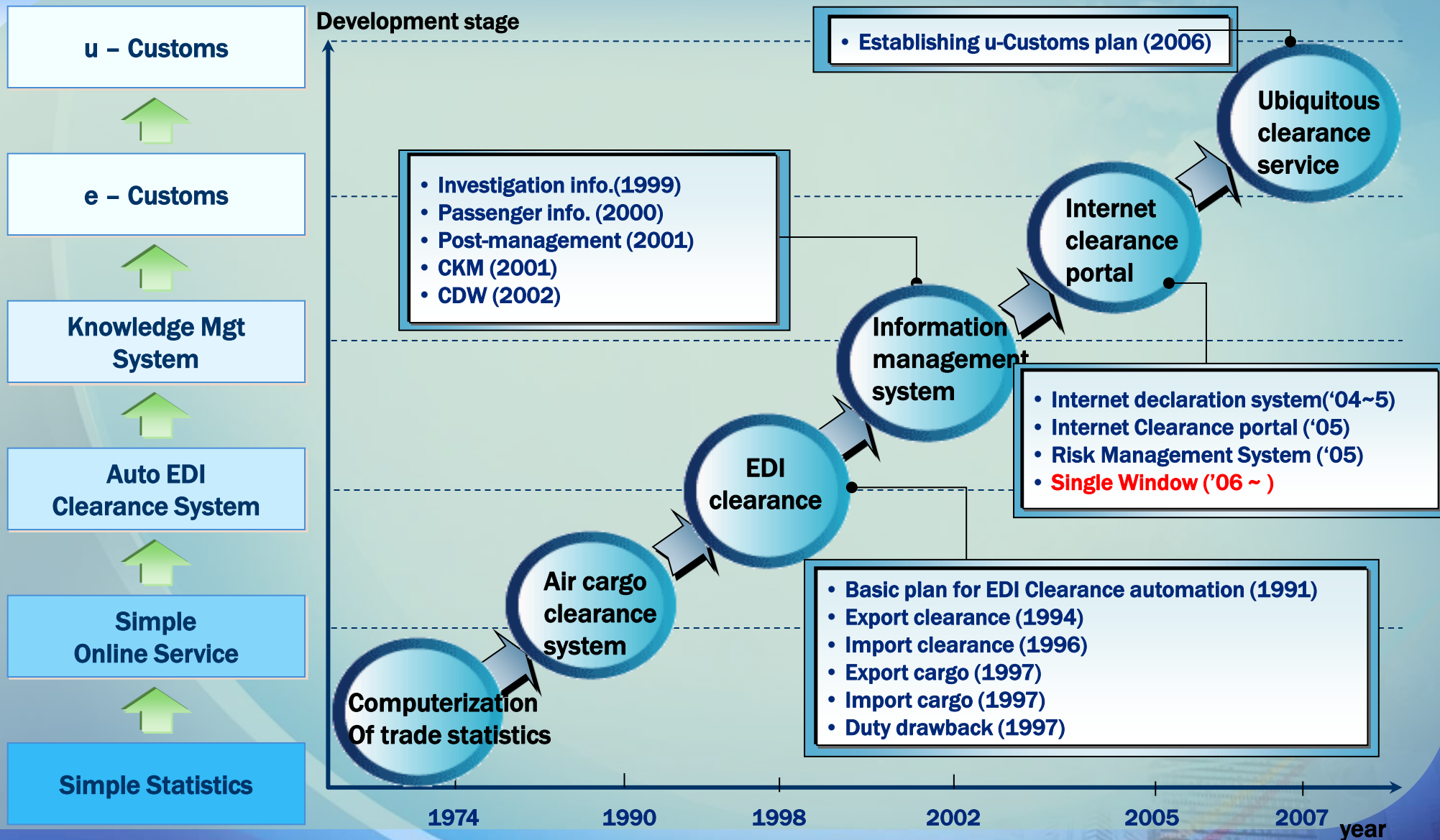
Rapid changes in IT require dramatic process improvement through organic linkage among established networks

Need for efficient infrastructure connection among organizations and innovation of clearance process for seamless logistics flow

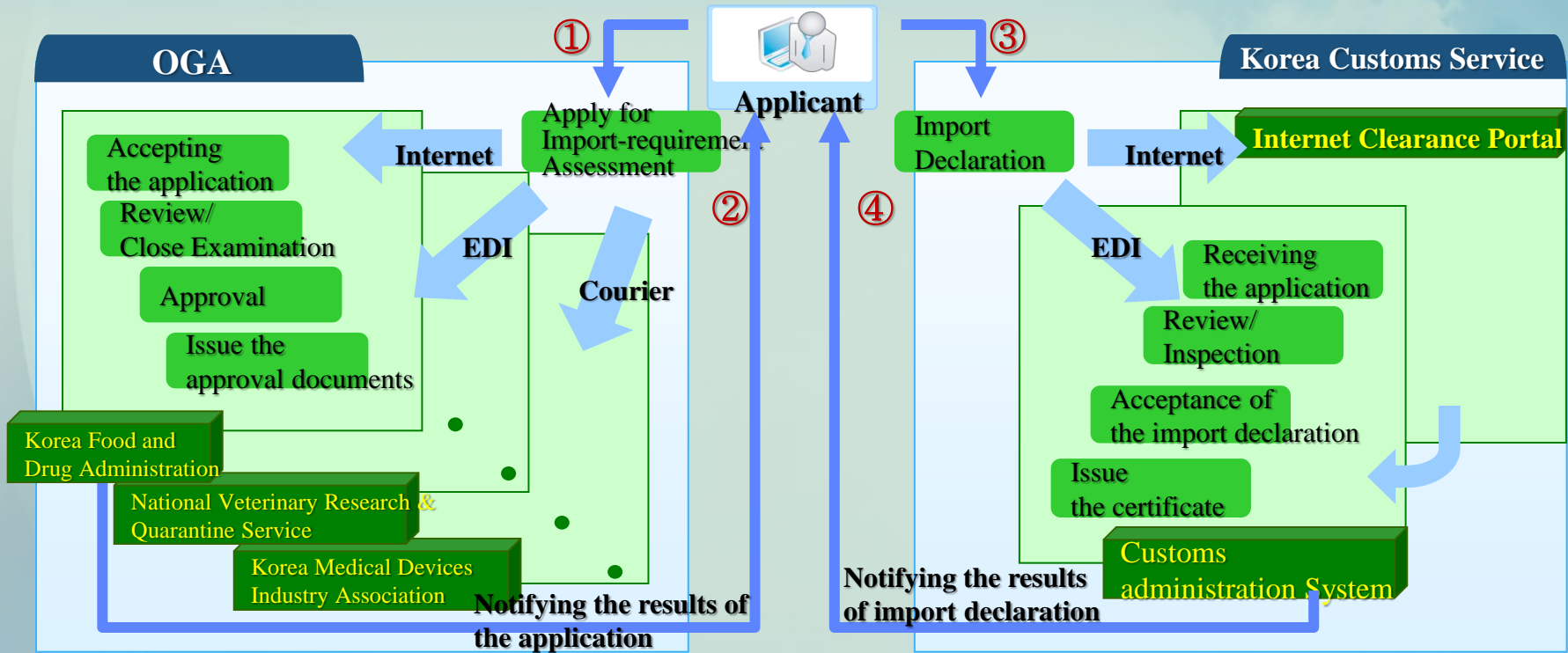
Efforts to standardize data elements in requirement verification documents as a basis for Single Window and innovation in verification process

Currently
connecting 38
agencies for 55
documents

Overview of KCS intelligence system development stage



Working procedure - Before



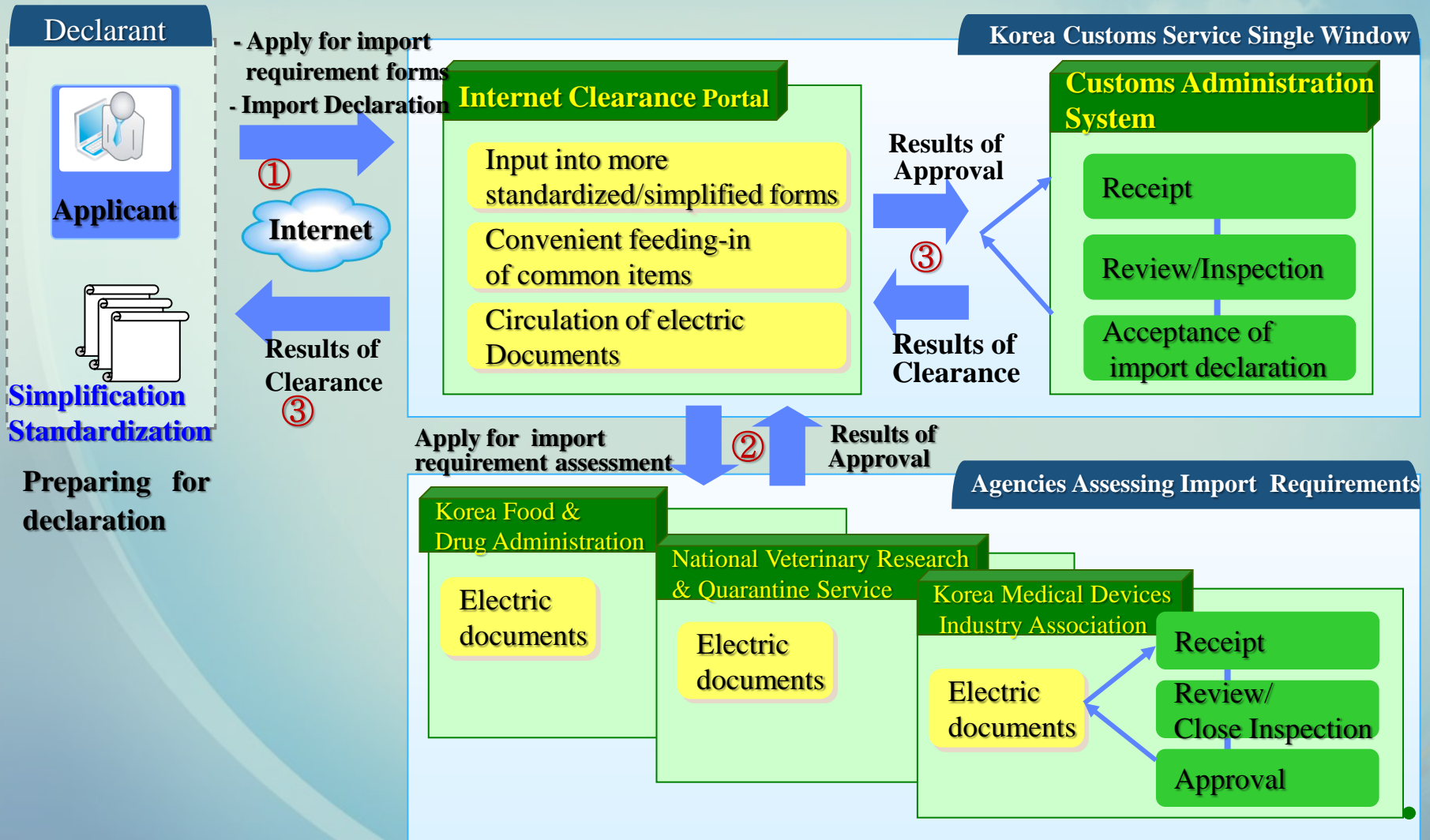
Diagnosis of Problems

Applications for import-requirement assessment and import declaration are separately managed

After applying for the import-requirement assessment, the applicant should report the same items for import declaration.

In applying for the import-requirement assessment, methods/systems of application differ by agency.

Working procedure - Now



System Configuration

<http://portal.customs.go.kr>

Internet Clearance Portal (UNI-PASS)

Users

- General users
- Im/Exporters
- Customs Broker
- Consigner/Consignee
- Others

Internet XML

Import-Requirement Assessment

Import Declaration

Brokerage Firms Web/EDI

<p>Work Processing</p> <ul style="list-style-type: none"> Im/export clearance Im/export logistics Customs drawback Electric application AEO management 	<p>Single Window</p> <ul style="list-style-type: none"> Report form other government agencies (53 forms) Electronic Payment Statistics
<p>Information Service</p> <ul style="list-style-type: none"> User's own record Clearance info. Company and statistic code info. Preliminary introduction 	<p>Customized Service</p> <ul style="list-style-type: none"> Personalized webpage User community Bulletin board, questionnaire, Q&A Shared screen, work consultation



Linked processing

Customs administration information System (Web Clearance System)

Verify the effectiveness of certificates

Internet XML

Import-requirement Assessment

Public certificate authority

Other Government System (OGA)

Other Government Agency (23 Agencies)

Work processing

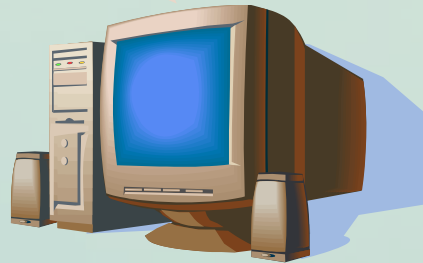
- Review on import requirements
- Quarantine/ inspection
- Electric application
- Report of performance
- Quarantine
- Quality/sanitation management
- Research
- Various internal tasks

Effects

Better service

- ◆ **One-stop** clearance service at one entry point
- ◆ Simplified document form and data elements – raising user convenience

What are the effects of Single Window?



Lower cost

- ◆ Reduced clearance time(1 day) -> **lower logistics cost**
- ◆ Internet-based system – **saving EDI transmission fee**

Higher work efficiency

- ◆ Joint use of standardized data in integrated document form
- ◆ Improvement in work processing (Off line→**On line**)

Stronger competitiveness

- ◆ Active response to WCO's recommendation
- ◆ Expansion of e-clearance system- foundation for national **competitiveness in logistics**

Ⅲ. Other Government Agencies & Application forms



Ⅲ. Other Government Agencies & Application Forms

Other Government Agencies & Application Forms

OGA	Documents	Remarks
The Korea Food & Drug Administration (KFDA)	Import declaration of food products & etc. Import approval application form Export approval application form Raw material import approval application form Raw material export approval application form	Import Import Export Import Export
National Fisheries Products Quality Inspection Service(NFIS)	Import declaration of food products & etc. Quarantine application for fisheries products import/export	Import Import/Export
The National Plant Quarantine Service (NPQS)	Inspection application for import plant Inspection application for export plant	Import Export
National Veterinary Research & Quarantine Service(NVRQS)	Import declaration for livestock item Quarantine application for imported livestock item Application of transport of quarantined imports Quarantine application for exported livestock item Quarantine application for exported animal	Import Import Import Export Export
The Korea Pharmaceutical Traders Association(KPTA) The Korea Medical Devices Industry Association(KMDIA) The Korea Dental Instrument Commerce and Industry Association(KDICIA) The Korea Animal Health Products Association(KAHPA)	Standard clearance report	Import

Other Government Agencies & Forms

OGA	Documents	Remarks
Korea Environment & Merchandise Testing Institute(KEMTI) Korea Toy Industry Cooperative(KTIC) Korea Testing & Research Institute(KTRI) Korea Testing Laboratory(KTA) FITI Testing & Research Institute Meter and Petrochemical Testing and Research Institute(MPTRI)	Industrial product model certification	Import
Environmental Management Corporation(EMC)	Waste import permission/declaration form Waste export permission/declaration form	Import Export
Radio Research Agency(RRA)	Application for electronic device authentication Application for electronic device clearance	Import
Korea Seed Association(KSA) Korea Cultural Center of Microorganisms Korea Mecine Herbal Association Foundation of Agricultural Technology Commercialization & Transfer Nohghyup Korea Forest Service	Seeds import approval applicatiion form	Import

※ 38 Agencies and 55 Documents (in 18 laws) are available with one single ID in a Single window

IV. Global Network Customs



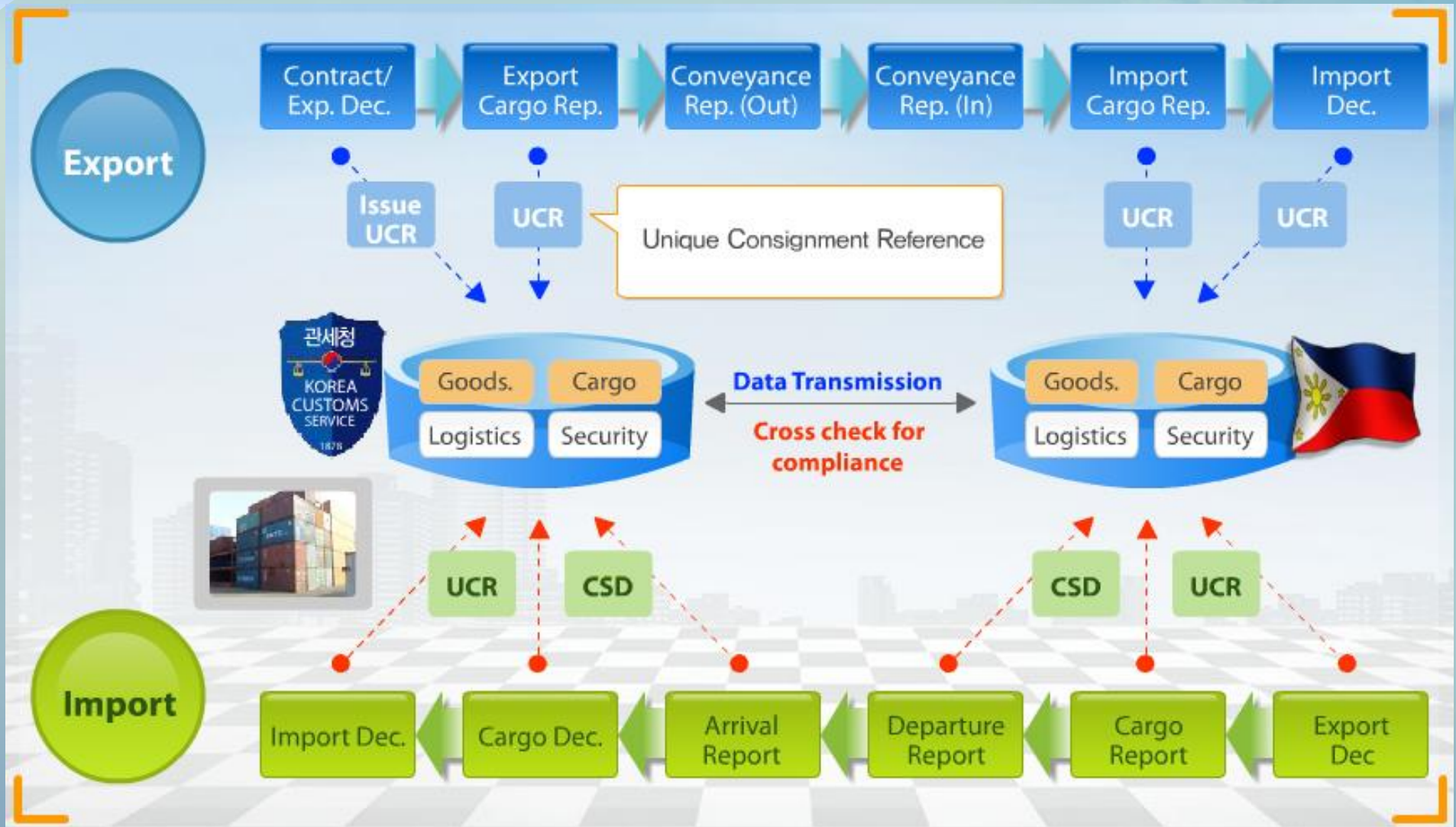
IV. Global Network Customs

- GNC Conceptual Diagram
- UCR Conceptual Diagram

Global Network Customs – GNC Conceptional Diagram



Global Network Customs – UCR Conceptional Diagram



Thank you