Single Window
Korea Customs Service’s experiences
27 Mar 2017
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I. What is SW?
I. What is SW?

Facility for lodging standardized info & docs at single submission

- UN/CEFACT rec 33
I. What is SW?

- SW Development

![Diagram showing the development of Single Window (SW) systems from National to Global levels through stages like Logistics, Clearance, Regional, and Global Single Window systems.](image)
Ⅱ. Logistics SW : Entry/Departure, Manifest
Ⅱ. Logistics SW

- Entry/Departure report

Before

- Airline /Agency
- • Officer List
- • Crew List
- • Entry Report

By mail /in person

VAN

- Customs
- Aviation
- Immigration
- Quarantine

After

Airline /Agency

- Customs
- Aviation
- Immigration
- Quarantine

SW

- • Officer List
- • Crew List
- • Entry Report

- Used Only Customs (30)
- Used Only Aviation (6)
- Used Only Quarantine (1)
II. Logistics SW

- Manifest, Carried-in/Release

Before

- Manifest
- Arrival/Departure reports
- Shipper/Forwarder/Airline

After

- SW
- Manifest
- Arrival/Departure
- Customs
- Maritime Authority
- Shipper/Forwarder/Airline

- Manifest
- Used Only Manifest (34)
- Used Only Carried-in/Release (12)
- Common (20)
## Logistics SW

### Manifest Consolidation System

- **Forwarder**
  - House

- **Shipper**
  - Master
  - Declaration of unloading

- **Airline**
  - Master + House

- **Express**
  - Express House
  - (Only inbound)

- **Single Window**
  - Manifest Consolidation
  - Manifest Submit
  - Reflect of results
  - Declaration of unloading
  - Reflect of acceptance

- **Customs**
  - Manifest Audit
    - (Selection of items to be controlled)
  - Notice of selectivity results
  - Notice of acceptance

- **Tally company**
- **Unloading company**
- **Bonded area**
- **Bonded Transportation**
- **Importer**
III. Clearance SW: Requirements of OGAs
Ⅲ. Clearance SW

- Customs Verification Regime of KCS
  10 digit HS – 5,518 items from total of 12,243
  → “45% of overall goods”

<table>
<thead>
<tr>
<th></th>
<th>Env.</th>
<th>F&amp;D</th>
<th>Quart.</th>
<th>Comm.</th>
<th>Agri.</th>
<th>Others</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exp.</td>
<td>938</td>
<td>94</td>
<td>65</td>
<td>-</td>
<td>9</td>
<td>165</td>
<td>1,152</td>
</tr>
<tr>
<td>Imp.</td>
<td>1,107</td>
<td>3,323</td>
<td>1,278</td>
<td>479</td>
<td>142</td>
<td>316</td>
<td>4,366</td>
</tr>
<tr>
<td>Total</td>
<td>2,045</td>
<td>3,418</td>
<td>1,343</td>
<td>479</td>
<td>151</td>
<td>481</td>
<td>5,518</td>
</tr>
</tbody>
</table>
III. Clearance SW

regulatory agencies

Customs

Envi.

Tech. standard

F&D

Quar.
III. Clearance SW

E-clearance system
UNI-PASS

One click

Food & drug

Quarantine

Environment

Customs

Clearance

Feed Assoc.
### Establishment history

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 2003</td>
<td>Selecting SW project as 31st tasks of e-Government</td>
</tr>
<tr>
<td>Aug 2004 – Mar 2006</td>
<td>Connection with “8” agencies (such as KFDA and NVRQS)</td>
</tr>
<tr>
<td>Mar 2006 – Feb 2007</td>
<td>Connection with “13” agencies (adding 5 more including KTR)</td>
</tr>
<tr>
<td>Jun 2007</td>
<td>President’s instruction on SW activation (Cabinet Office carry forward)</td>
</tr>
<tr>
<td>Jan 2008 – Jul 2008</td>
<td>Improve the SW system &amp; Connection with “15” agencies (adding 2 more)</td>
</tr>
<tr>
<td>Jul 2009 – Dec 2012</td>
<td>Gradually connection with “38” agencies (adding 23 more)</td>
</tr>
<tr>
<td>2013 Jan – Apr 2016</td>
<td>Rebuild SW as part of 4th generation UNI-PASS project</td>
</tr>
<tr>
<td>Apr 2016 – present</td>
<td>Finally “27” OGAs with “55” documents</td>
</tr>
</tbody>
</table>
III. Clearance SW

- Before

1. Appointing the application
2. Review/Close Examination
   - Approval
3. Issue the approval documents

Korea Medical Devices Industry Association
National Veterinary Research & Quarantine Service
Korea Food and Drug Administration

OGAs

Internet
EDI
Courier

Import Declaration

Applicant

Customs administration System

Internet Clearance Portal

KCS

Receiving the application
Review/Inspection
Acceptance of the import declaration
Issue the certificate

Notifying the results of the application
Notifying the results of the application
### III. Clearance SW

#### After

- **Declarant**
  - Applicant
  - Simplification
  - Standardization

- **Internet Clearance Portal**
  - Apply for import requirement forms
  - Import Declaration
  - Internet
  - Results of Clearance

- **Agencies Assessing Import Requirements**
  - KFDA
    - Electronic documents
  - QIA
    - Electronic documents
  - KMDIA
    - Electronic documents

- **KCS Single Window**
  - Customs Administration
    - Receipt
    - Review/Inspection
    - Acceptance of import declaration

- **Simplification/Standardization**
  - Preparing for declaration
III. Clearance SW

### Configuration

**GSW (Clearance Single Window)**
- Requirement request for verification
- Check process status
- Check requirement Approval result
- Transfer approval result to the user
- Search application/approval info
- Search code info
- Notify company Info by SMS
- Link company info
- Application info for requirement verification / Info on clearance result

**UNI-PASS of the KCS**
- Notification of requirement approval entities
- E-payment processing

**Entities with their own systems (13)**
- MFDS, NFQS, RRA, ME, KECO, QIA, KOTITI, KAHPA, KMDIA, KPTA, KGS, KOFEED, KFEEDIA

**Entities with requirement verification systems (14)**
- NACF, KCL, KTR, KTL, KATRI, FITI, KTC, FACT, KFS, DHAC, KMHA, KPSA, KMSPA, KOSA
### Ⅲ. Clearance SW

#### Benefits

<table>
<thead>
<tr>
<th>Before</th>
<th>After</th>
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</thead>
<tbody>
<tr>
<td>Approval of the application</td>
<td>2 ~ 3 days</td>
</tr>
<tr>
<td>Import declaration</td>
<td>1 days</td>
</tr>
<tr>
<td>Acceptance</td>
<td>1:30 hours</td>
</tr>
</tbody>
</table>

- Better Service
- Lower Cost
- Higher Work Efficiency
- Strong Competitiveness
Ⅲ. Clearance SW

### Lessons learned : Success Factors

- Strong political will from highest authority
- Sufficient allocation of gov. budget
- TFT participated by working levels of OGAs
- Free of charge (internet-based)
- Customer-oriented services
- Phased implementation
IV. Global SW : Globally Networked Customs
### Global SW

#### E-data exchange Pilot Project

<table>
<thead>
<tr>
<th></th>
<th>Malaysia</th>
<th>Belgium</th>
<th>Philippines</th>
<th>Australia</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(6Y 4M)</td>
<td>(7M)</td>
<td>(1Y 2M)</td>
<td>(10M)</td>
</tr>
<tr>
<td><strong>Exchange Info</strong></td>
<td>Export data for 3 items</td>
<td>Export data</td>
<td>Export data of strategic items</td>
<td></td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>Once a week</td>
<td>Real-time</td>
<td>Real-time</td>
<td>Once</td>
</tr>
<tr>
<td><strong>Transmission Type</strong></td>
<td>EDI</td>
<td>E-mail (attach XML)</td>
<td>ebXML</td>
<td>E-mail (attach XML)</td>
</tr>
</tbody>
</table>
Global SW

- Korea-China CO (1/2)
Global SW

- Korea-USA AEO MRA (2/2)

Expected to be implemented soon

- AEO info + MID
- C-TPAT info + OBPC

* OBPC : Overseas Business Partner Code
* MID : Manufacturer ID
V. Achievements
V. Achievements

World Bank

• **Doing Business 2010-2011**: Recognized the UNI-PASS single window system as Best Practice

WTO

• **The WTO Doha Development Agenda**: reflected practices of UNI-PASS’ Single Window into the Agreement
V. Achievements

World Economic Forum (Davos Forum)

- Categorized KCS SW as phase 3 of WEF’s Enabling Smart Borders

IDB’s Open Online Courses

- Introduced strong point of KCS SW as an integrated platform (10th Edition IDB Open Online Course)
V. Achievements

Awards

• Intellectual Property Rights Award by the WCO, 2006

• E-Asia Award by the AFACF, 2007

• BSC Hall of Fame by the Palladium Group, 2009

• Asian MAKE Award by the World Knowledge Forum, 2011
VI. Experience Sharing and Dissemination
Experience Sharing and Dissemination

- **BPR Projects (21)**

  - Cambodia (‘12)
  - Myanmar (‘12)
  - Uzbekistan (‘13)
  - Sri Lanka (‘16)
  - Laos (‘16)
  - Kyrgyzstan (‘16)
  - Kazakhstan (‘17)
  - Tajikistan (‘17)
  - Guatemala (‘14)
  - Nicaragua (‘14)
  - Honduras (‘15)
  - El. Salvador (‘17)
  - Costa Rica (‘17)
  - Tanzania (‘12)
  - Cameroon (‘14)
  - Ethiopia (‘14)
  - Ghana (‘15)
  - Colombia (‘13)
  - Bolivia (‘13)
  - Peru (‘13)
  - Paraguay (‘15)
Experience Sharing and Dissemination

- UNI-PASS in other countries (11)

- **Kazakhstan** ('05)
- **Kyrgyzstan** ('08)
- **Mongolia** ('09)
- **Nepal** ('11)
- **Uzbekistan** ('14)

- **Dominican Rep.** ('08)
- **Guatemala** ('09)

- **Tanzania** ('11, '12)
- **Cameroon** ('15)
- **Ethiopia** ('17)

- **Ecuador** ('10, '11)
Experience Sharing and Dissemination

- KCS SW in other countries (4)

- Kazakhstan ('05)
- Kyrgyzstan ('08)
- Mongolia ('09)
- Nepal ('11)
- Uzbekistan ('14)

- Dominican Republic ('08)
- Guatemala ('09)

- Tanzania ('11, '12)
- Cameroon ('15)
- Ethiopia ('17)
- Ecuador ('10, '11)

- South America
- Central America
- Africa
- Asia
Thank You!

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