Indonesia National Single Window

Submitted by: Indonesia

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Indonesia National Single Window

INSW Preparation Team

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Background

As response of raised export and import issues related to:

- Lead time for container import in Indonesia is still relatively long
- High cost economy
- Service & License System in GA's are still manually handled ;
- Too many point of services
- A lack of information

Applying the agreed concept and technical aspects as stated on:

- Declaration of ASEAN Concord II (Bali Concord II),
- Agreement to Establish and Implement the ASEAN Single Window (ASW Agreement),
- Protocol to Establish and Implement The ASEAN Single Window (ASW Protocol),
- ASEAN Single Window (ASW) Technical Guide,

Concept and Definition of NSW

The **National Single Window (NSW)** is a system, which enables:

→ a **Single Submission** of data and information;

→ a **Single** and **Synchronous processing** of data and information;

→ a **Single Decision-making** for customs release and clearance of cargo.

National Single Window Principles

- One single National Portal, with one *Web-address (Internet)* → which is officially applied to carry out all kind of transactions related to "trading & logistic" activities;

- National Portal ,which is functioned as "Messaging-Hub", connect all related entities (GA's and Trader)

- Authorization of licensing, permit & recommendation of ex-im → remains within the authorization of each GA's;

- *Output* of licensing, permit & recommendation from GA's shall be *Uploaded* or transmitted electronically to Database of National Portal , therefore Customs (DGCE) are allowed to give approval in timely manner (for *Customs Clearance & Release*);

Momentum of INSW implementation

NSW System implementation in Indonesia as Momentum :

❑ It is precious time & good influence for the fundamental public service (export-import) to provide the transparency of servcie

❑ **Simplify their business process** thus the service be much more simple, fast and effective

❑ **Harmonize and Synchronize** ,the issuing permit license therefore no overlapping licensing that trick the stakeholders

❑ The fundamental changes and transform in whole aspects of GA;s related with export and import

❑To show that data and information integration electronically among the GA's successfully actualized through one single national Portal.

❑To urge all GA to produce the service level for stakeholders by *Service Level Arrangement (SLA)* → to give definite and transparent in service.

The challenges in implementing INSW:

❑ The changes process from manual to electronic and internet (*"change-management"* process)

❑ With Automation process, The process must be clear and transparent to avoid the tolerance and policy not in line with the existing regulation;

❑ System only design to receive and read the apparent and quantitative parameter thus all process must define apparently;

❑ To enforce the rule and regulation in order to expect on Assured and Apparent of regulations

❑ Examining of licensing (*analyzing point*) electronically in NSW Portal, requiring the clear of quantitative parameter thus urging the all GA's to coordinate in updating Lartas content

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Development Direction

2007
- NSW Blueprint Design, Roadmap, Technical Design Doc
- Architectural Design, Technical Design, System Topology

- Building of NSW Portal & Prototype of NSW sys.
- Integration
- Developing Offic. Website
- Integrate BC + GA into Portal

- Pilot test NSW Sistem
- First Implementation of NSW Import system
- Compose of Report' 07 & Plan 08
- Preparation of Next stage

2008
- NSW Import System Paralel-Run → Tg.Priok
- NSW Export System Development stage
- NSW SeaPort system Pilot-Run → Tg.Priok
- NSW Airport System Development stage

- NSW Import System Mandatory → Tg.Priok Piloting → 4 main ports
- NSW Export System Mandatory → Tg.Priok
- NSW SeaPort system Mandatory → Tg.Priok
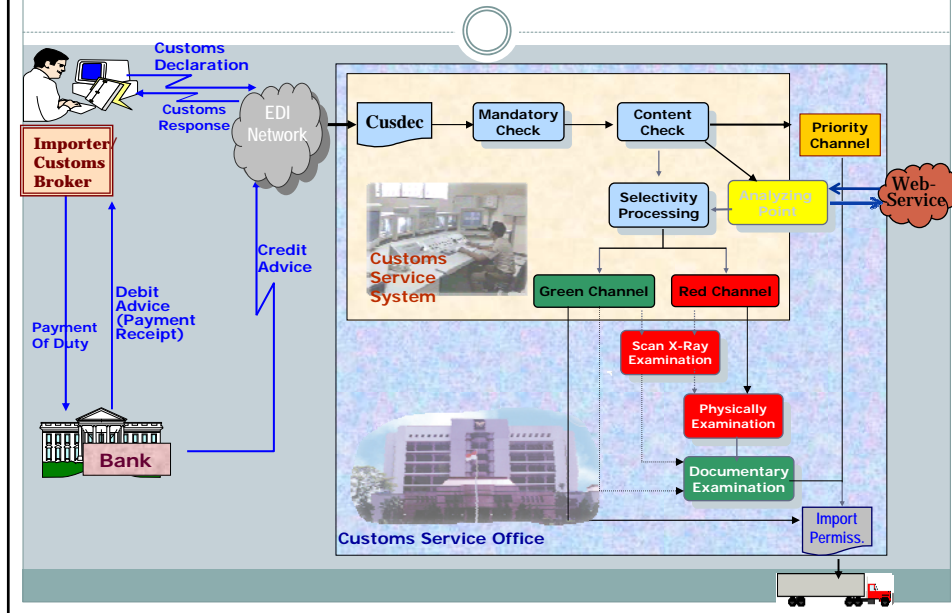- NSW Airport System Mandatory → Soeta Airport

2009
Technical INSW Preparation: "Joint to ASW"

Data Exchange "Bilateral" (CoO/SKA Pilot test)

ASW Portal Development

Every stage implementation focus on Expanding the scope and coverage of NSW system (Entity, User, System & Location)

Procedures of Import Clearance

NSW portal system specification

NSW portal system specification:

Applying the web service technology

Data element standard:

- WCO Data Model
- 48 ASEAN data element recommendation

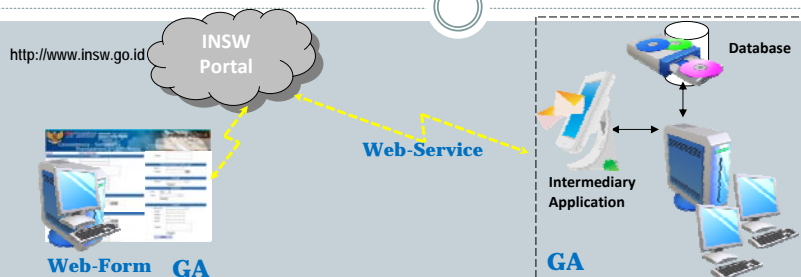Integrate and interoperability with GA's system related to import permit license

Stakeholders

Up to the third stage implementation, GA's involved:

- Ministry of Trade
- Food and Drug Agency
- Fishery Quarantine
- Plant and Animal Quarantine
- Ministry of Health
- Ministry of Industry
- Nuclear Energy Regulatory Agency
- Directorate General of Post and Telecommunication

Meanwhile the user:

- All importers
- Customs Brokers
- Selected Exporters

Uploading process to INSW Portal

Keterangan :

- ❖ **Integration of GA's Permit license with INSW Portal NSW:**
    - ▪ **Web-Form → for GA have no inhouse-system or developing their own in-house system or the small number of GA's import permit license transaction**
    - ▪ **Web-Service → for GA have their own inhouse-system**
- ❖ **Web-Form Method : INSW portal provides web-form application , every GA have 'user access' to operate web form (entry & upload import permit license data)**
- ❖ **Web-Service Method :**
    - ▪ **INSW Portal provides interface-program using Web- Service technology that accessed by GA via internet.**
    - ▪ **GA can access interface of INSW Portal using Intermediary Application (must be created in GA's Inhouse-system) in XML standard format**

Features and Facilities

To actualize INSW motto '"consistency, transparency, simplicity, efficiency", system provides features and facilities as follows:

❑ Track and Trace of document.

❑ the communication facility with ASEAN Single Window (ASW) system

❑ the Network Security related with electronic transaction INSW portal.

❑ Log Audit Trail, to record the detail transaction ex *upload, download, cancel, edit, delete and submit/transmission of* information

❑ Upload & Download. Function in INSW system and allocated for *smart client* to update the regulations and to table references.

❑ Data Extraction, Transformation, Loading. The facility to process the data automatically to record in database portal

Future Plan

- Mandatory of Import NSW System in other 4 major ports
- Mandatory of Export NSW system
- Implementation and integration with Seaport and Airport System
- As target of NSW system is joint to ASW system

THANK YOU

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Technical Development Team
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