5th MEETING OF THE REGIONAL WORKING GROUP - RWG ON THE IT DEVELOPMENT OF CUSTOMS IN THE WCO/WCA REGION

DAKAR, 24th-26th APRIL 2019

DEVELOPMENT COMMISSION FOR IT SOLUTIONS IN CUSTOMS ADMINISTRATIONS
The missions of Commission 2 are structured around the following themes:

- Increase the automation of procedures and optimize customs clearance systems (example: single window, electronic payment, etc.)

- Develop the computerization of customs services

- Improve the availability of the information system and its accessibility
I. Under Theme 1
Increase the automation of procedures and optimize customs clearance systems:
Case of an Integral One-Stop-Shop

The one-stop shop is a cross-border facility that allows companies engaged in international trade to electronically deposit standardized information at a single point of entry for the purpose of carrying out their import, export and transit formalities.
The establishment of a single window necessarily implies participation:

- Of the customs administration
- Of departments involved in international trade
- Of partners
A. Why an Integral One-Stop-Shop?

- The integral one-stop shop is a major project for the modernization of customs administrations.
- It is not only an IT project; it is also a management change project involving several partners.
The single window implies:

- A new conception of the customs clearance process,
- Simplification and harmonization of documents
- Cross-border information exchange
- Alignment of documents and their codification with international standards
- It is a scalable solution that can be spread over several years.

- The success of the solution also depends on a good public-private partnership.

- Time is very important to set up a one-stop shop given the involvement of several actors of different cultures and mentalities.
The operation of the single window involves the sharing, integration and exchange of information among stakeholders in the international trade supply chain.

To ensure interoperability, each component of the one-stop shop must comply with common rules governing:

- Data element names: glossary of terms used
- Their meaning, their representations
✓ The structure of electronic message formats

✓ Ideally, all parties should use a single set of generic semantic rules or data models
Example of an Integral Single Window Structure

Agences de Gouvernement
(Ministère des Finances, Ministère du Commerce, Ministère de l’Agriculture, Ministère de la Santé, Ministère des Transports)

Opérateurs Economiques
(Importateurs, Exportateurs, Commissionnaires en douane agréés, Transporteurs)
Demandes E.permit
Préparation DAU
Demandes informations douanières

Section E.permit
Formulation des demandes

Section DAU
 vérification DAU ; gestion des paiements ; justification paiement ; réception BAE

Section INFORMATION/PARTENARIAT
Fichiers Tarif, Valeur, Origine ; mise à jour des fichiers de données

BUREAU DE DEDOUANEMENT
SYSTÈME AUTOMATISÉ
Manifeste –DAU
 Sélectivité - Contrôle
Comptabilité - Mainlevée

GUICHET UNIQUE INTEGRAL

(1) Transmission au GU :
a) Demandes E.permit
b) DAU pré-établi pour vérification et certification

(2) Envoi demandes E.permit

(3) Retour E.permit validé

(4) Transmission DAU+E.permit

(5) Retour bulletin liquidation

(6) Transmission justificatif paiement

(7) Délivrance BAE

(8) Transmission des Informations pour analyse

(9) Transmission des critères de sélection
Et autres informations sur la fraude

(10) Partenariat – Echange informations

DG DOUANE
CELLULE GESTION DU RISQUE/PARTENARIAT
Analyse de risque ; critères de sélection
Lutte contre la fraude
Mise à jour des fichiers de données
B – Advantages

1. For customs

- A more open approach on how to deal with trade facilitation by facilitating customs communication/economic operators through the use of a focal point to transmit customs documents

- In some countries, the one-stop shop makes it possible to set up a system for the payment of duties and taxes
Optimization and consolidation of customs revenues

More effective and efficient deployment of human and financial resources

Improving the experience and skills of international trade operators

Improved operational security

Strengthening integrity and transparency

Optimization of risk management
2. For economic operators

- Provide customs with all information and documents at a single point and at one time

- The one-stop shop becomes the focal point for accessing information on customs clearance of goods:
  - Updating customs clearance procedures
  - Updating international trade rules
The other advantages for economic operators are as follows:

- Reduce costs by reducing customs clearance times
- Have a faster and more efficient customs clearance process
- Benefit from appropriate and clear customs procedures
- Redeploy human and financial resources effectively and efficiently
- Have greater transparency
C. Recommendations

- **The appropriate legal framework:** the adoption of the various implementing texts for electronic signatures and the digital certification authority, which are essential for the implementation of the electronic one-stop shop

- **Infrastructure:** deployment of the platform and guaranteed effectiveness of the connection through secure Internet and VPN networks, favoring fiber optic links

- **The choice of institutional anchoring:** determining the legal status and model of the one-stop shop adapted to our specific needs
II. Under theme 2

Develop the computerization of customs services:
The commission focused on the various specific developments integrated into Sydonia and the external developments carried out by the Sydonia World project team in Mali
## A. Some procedures performed or in progress

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<th>Objective</th>
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<td>Under test (DRED)</td>
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<td>Asyped</td>
<td>Direct removal procedure</td>
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<tr>
<td>Asylpt</td>
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<td>Asyacc</td>
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<td>ADNc</td>
<td>Imputation of import intentions</td>
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<td>Asyval</td>
<td>Value management in Sydonia</td>
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<tr>
<td>Automated Litigation Processing (TAC)</td>
<td>Management of customs campaign litigation</td>
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<td>Electronic payment of returns</td>
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<td>Manifeste électronique</td>
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<td>Pedonia</td>
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<td>Geucet</td>
<td>One-stop shop for foreign trade</td>
<td>Under development</td>
<td>Project led by the Directorate General of Trade and Competition</td>
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B. Recommendations

- Exploit all the functionalities offered by ASYCUDA, GAINDE, GC Net, etc.

- Interconnect customs and other IT systems and administrations

- Extend the network to all customs offices

- Facilitate the connection of other partners on the customs network

- Accelerate the interconnection of customs IT systems
III. Under Theme 3

Improve the availability of the information system and its accessibility:

This is a basic trend in IT: "everything has to work all the time".

This is all the more true since the Customs administration in general is increasingly dependent on its information system for its activities, partners and users.

A decrease in availability can cause a loss of productivity, including revenue.
A. Some measures to improve maximum availability

➢ Have a quality internet line

More and more applications require high availability of the Internet to operate

There are solutions to greatly minimize the risk of service failure or degradation:

Have several internet connections

Opt for connections with guaranteed recovery time

Choose connections with guaranteed speed
Assess infrastructure risks
These criteria are necessary for the choice of a hosting site:

- Have a secure and adapted room to ensure high availability
- Ensure that all equipment, including power and communication cables, are installed according to standards
- Fault tolerance
- Implement redundancy mechanisms, by duplicating critical resources to reduce failures
To have hot-extractable equipment available, i.e. to be able to extract and replace it without interrupting service.

**Backups and recovery plan**

- Redundancy protects against material damage and ensures continuity; but it does not protect against human error or malicious intent.

- This is why it is essential to provide effective backup and recovery mechanisms to ensure service continuity.
B. Recommendations

Commission 2 proposes the Data Center solution, presented at the 4th RWG held in Abidjan in March 2018 as a reference to follow.
THANK YOU FOR YOUR ATTENTION!