

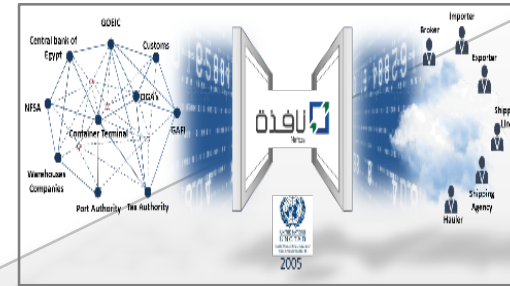
# Introduction to the National Single Window Platform for Trade across Borders (Nafeza)

# Presentation Roadmap

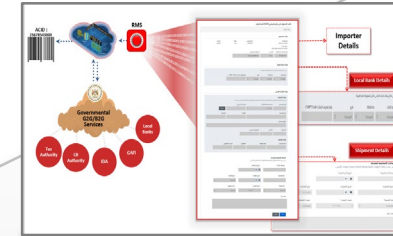
## ►► Historical Background Project & Company



## Nafeza Single Window The Platform & System



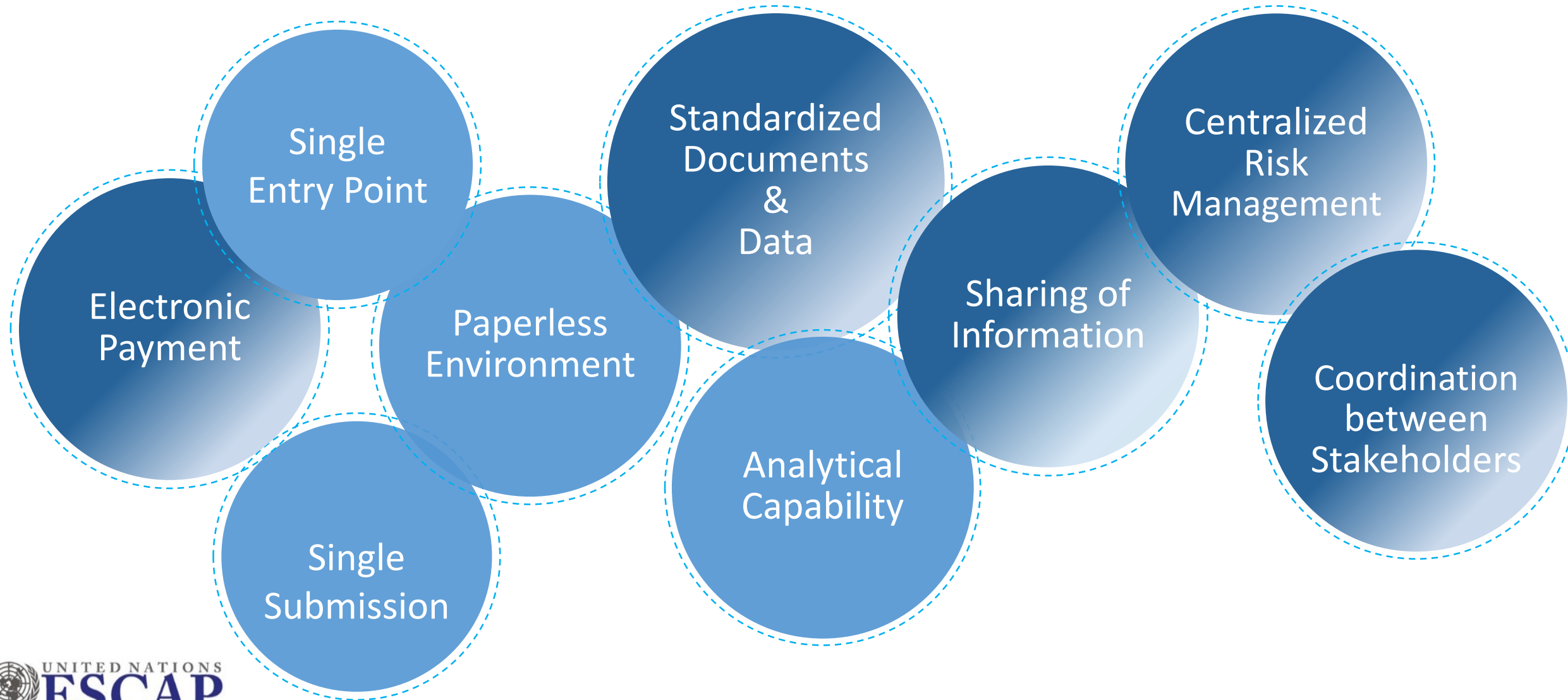
## Advance Cargo Information System & Requirements



**The Presidential Decree no. 149/Y2017 was issued to formulate the approval of Egypt's accession to the Trade Facilitation Agreement within the framework of the World Trade Organization. The agreement was activated in 2019.**

# **The Presidential Decree no. 501/Y2017 to establish the Supreme Council for Digital Transformation**

# ESCAP - Main Characteristics of Single Window – Y2018



- ▣ Prime Minister Decree 20/2019
- ▣ Minister of Finance Decree 257/Y2019
- ▣ Customs Law 207/Y2020
- ▣ Minister of Finance Decree 38/Y2021

# Who is Misr Technology Services “MTS

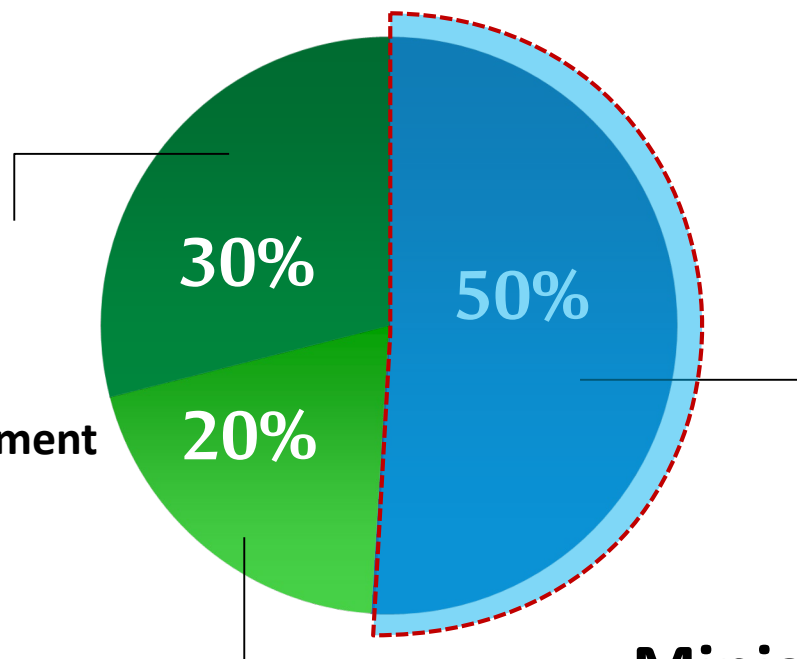
## Partners

### Public Sector:

- E-Finance
- National Investment Bank
- Egyptian Company for Investment

### Private Sector:

- Amiral Management Corporation



## Legal Status:

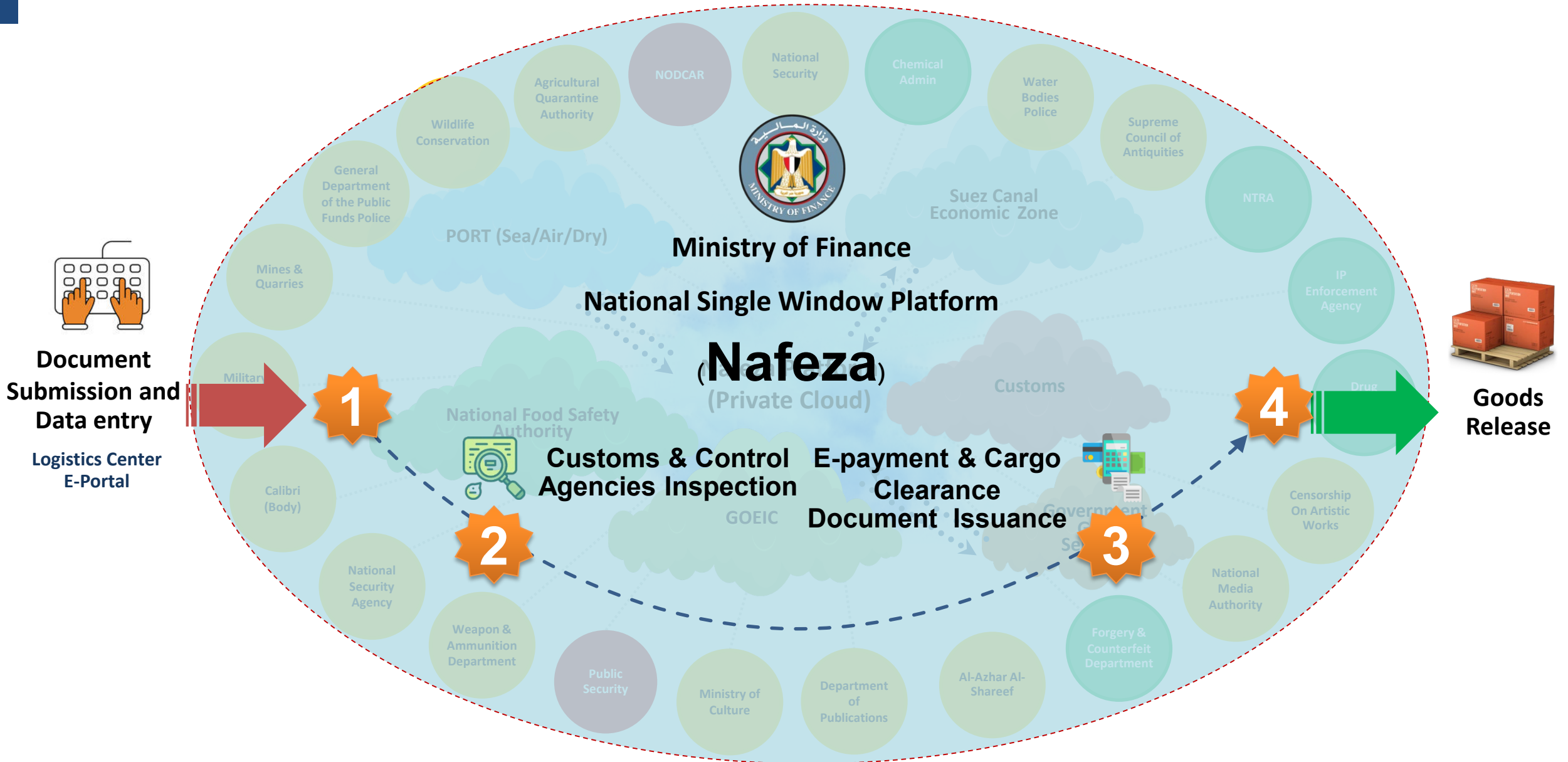
**Egyptian Shareholding Company**  
**Law 159/Y1981**

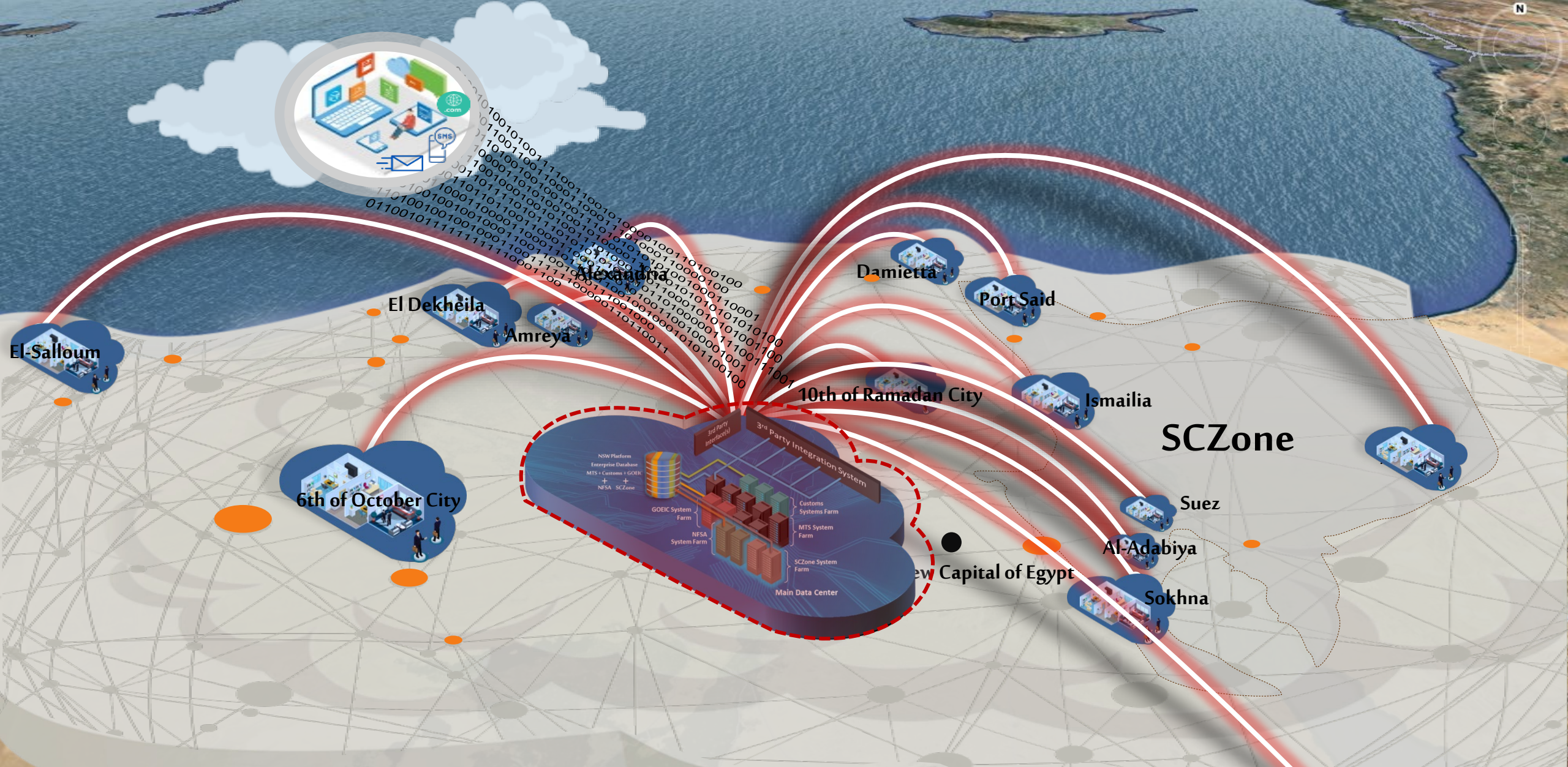
**Ministry of  
Finance**

## NAFEZA Project in Brief – Technical Perspective

- **Development, operation and management of a centralized integrated e-platform that includes all Egyptian parties associated with cargo clearance;**
- **Provision of integration systems/services to governmental stakeholders to be on board the platform;**
- **Ensuring platform stability, scalability, security**

# NAFEZA - Scope of Business Coverage





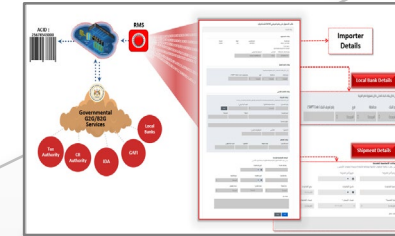
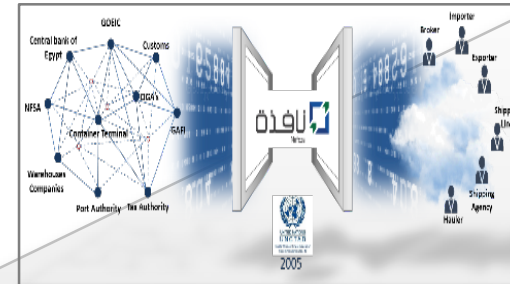
**Egypt is transformed into ONE Integrated Logistic Area  
and a Central Logistic Hub for international Trade**

# Presentation Roadmap



**Nafeza Single Window  
The Platform & System**

**Advance Cargo Information  
System & Requirements**



**Historical Background  
Project & Company**



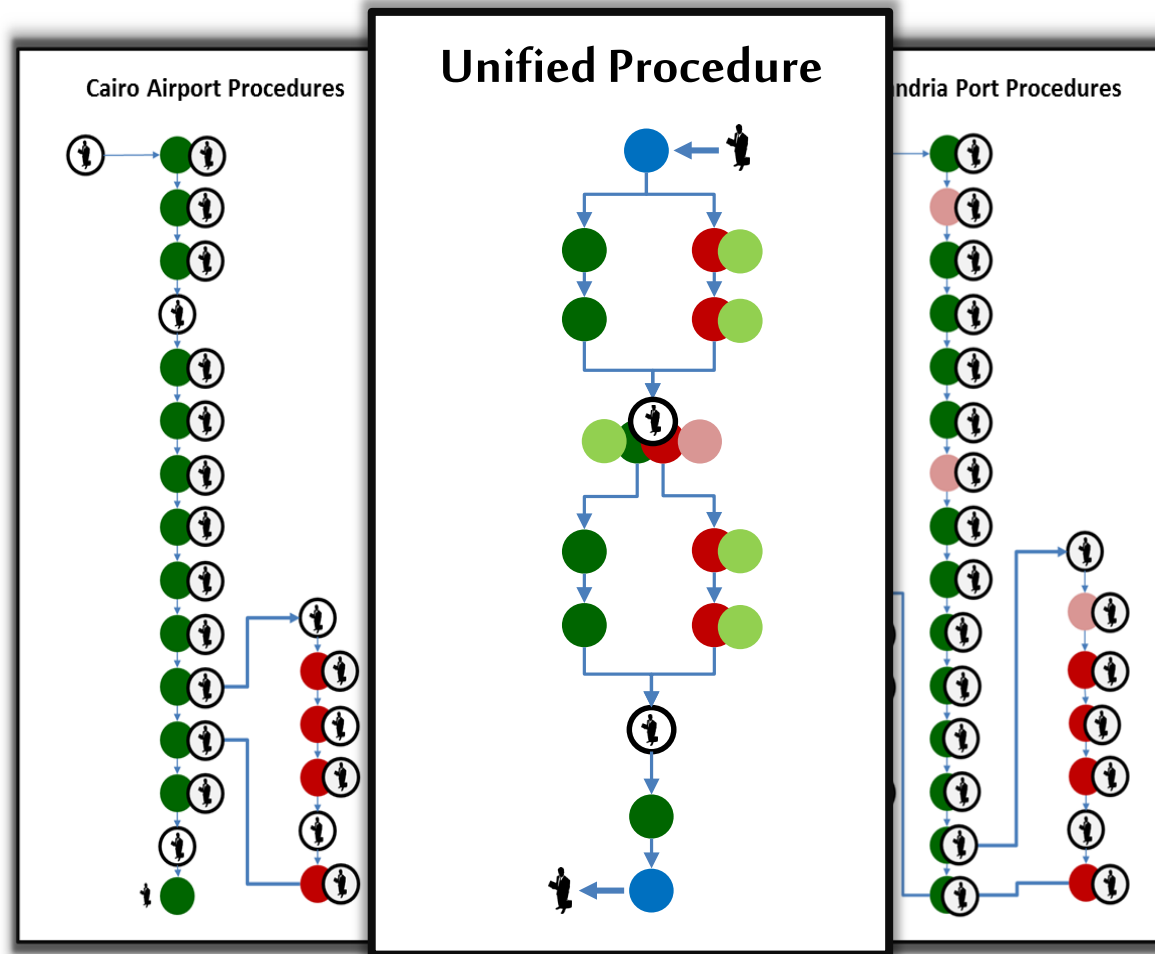
# Definition of “Single Window for Trade across Borders”

**Single Point of Entry** that allows data to be electronically submitted once in a secured manner to be processed and shared speedily and accurately between stakeholders with transparency

# The Single Window Concept – Bird's Eye View



# NAFEZA - Process Re-Engineering of Cargo Clearance Procedures



Customer

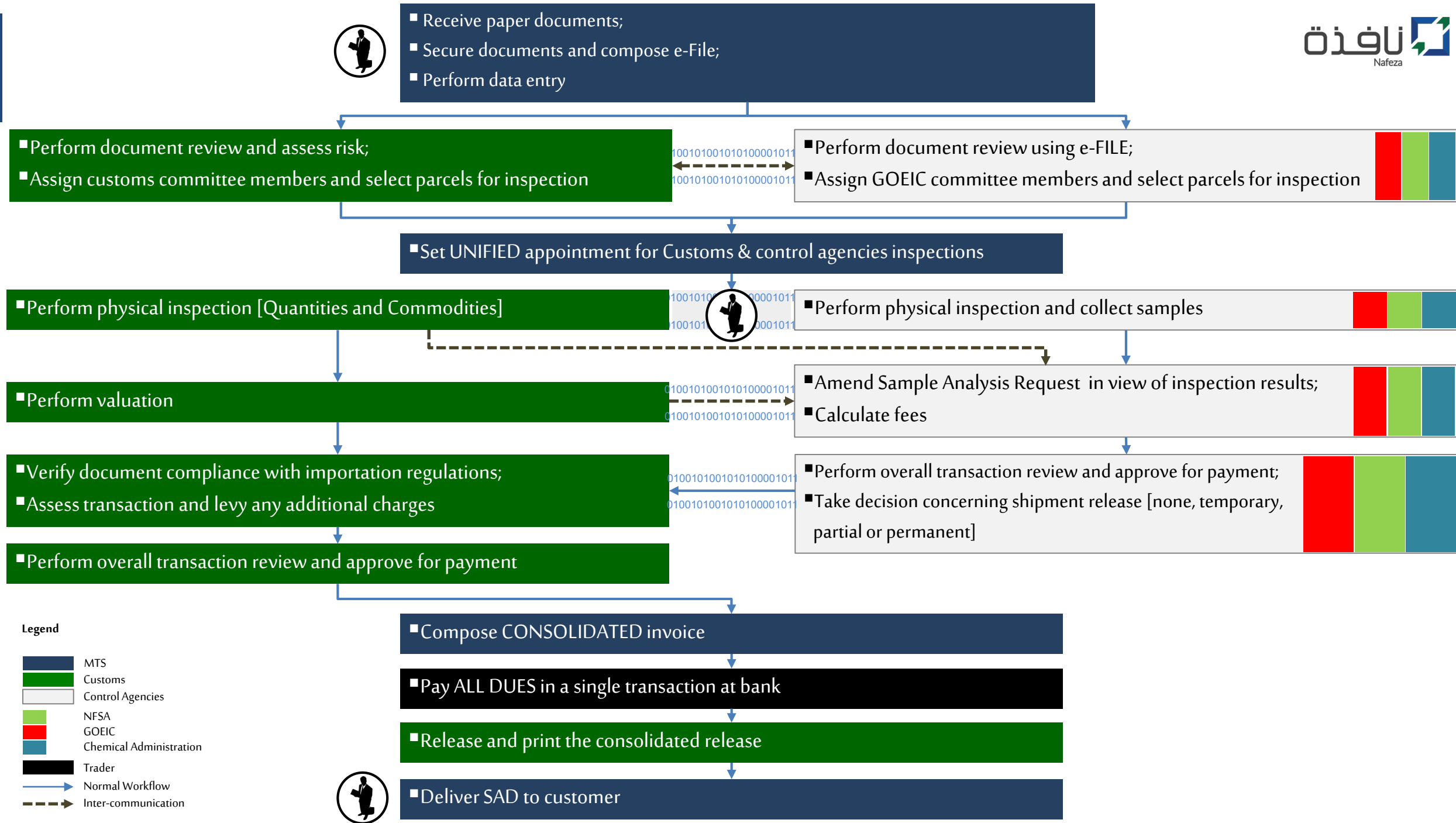
Storage Company

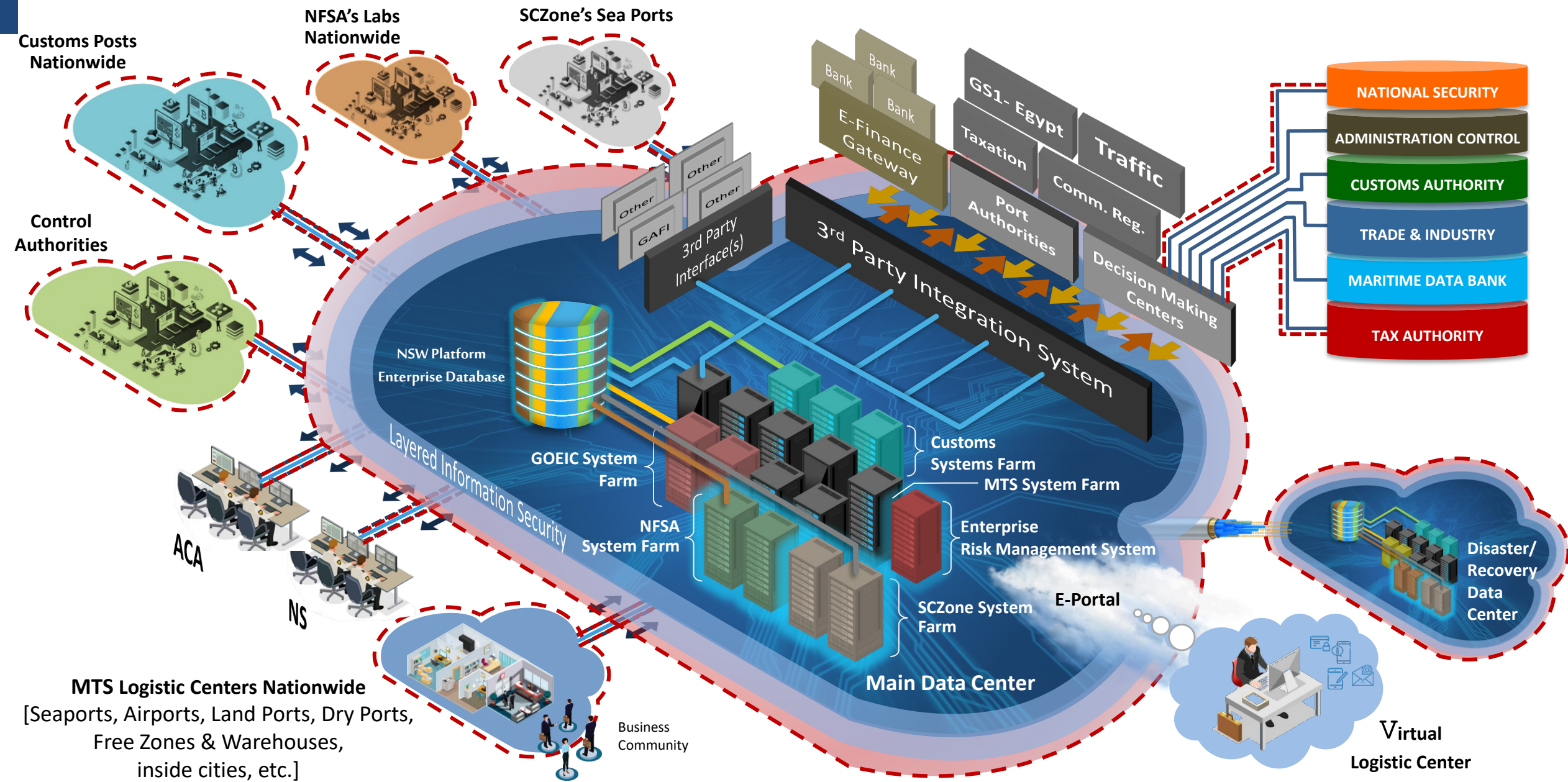
Customs

NFA

GOEIC

MTS





# Nafeza e-Portal – www.Nafeza.gov.eg

نافذة Nafeza

الرئيسية عن نافذة كيف تعمل نافذة مزايا نافذة تواصل مواقع ذات صلة

دخول المستخدمين

20/30 VISION OF EGYPT

تسجيل الدخول

اسم المستخدم

كلمة المرور

تذكر كلمة المرور

نسيت كلمة مرورك؟ تسجيل الدخول

مستخدم جديد

مستخدم جديد؟

إنشئ حساب جديد وابدأ في استخدام البوابة الإلكترونية وتمتع بالخدمات المتاحة

حساب جديد

مرحباً بك في نظام التسجيل الموحد

أنجز معاملتك الإلكترونية بكل سهولة وذلك بالدخول لمرة واحدة فقط من خلال نظام التسجيل الموحد، واستفد من العديد من الخدمات الإلكترونية دون الحاجة إلى الدخول مرة أخرى.

ليس عليك سوى إدخال اسم المستخدم أو رقم الهوية وكلمة المرور للوصول إلى الخدمات الإلكترونية الآمنة عبر المنصات المختلفة، مثل: الكمبيوتر و الكمبيوتر اللوحي و الهواتف الذكية.

لإنشاء حساب جديد على البوابة الإلكترونية، برجاء الضغط على مستخدم جديد لإدخال البيانات المطلوبة. في حالة العملاء التجاريين برجاء زيارة أحد فروع مراكز الخدمات اللوجيستية لتقديم نموذج "طلب تفعيل الخدمات الإلكترونية" مع المستندات المطلوبة لاستكمال إنشاء وتفعيل الحساب، برجاء التواصل مع موظفي خدمة العملاء بالمركز اللوجيستي لتقديم الدعم الفني اللازم.

العملاء التجاريين برجاء إنشاء حساب شخصي وتقديم طلب "تفعيل الخدمات الإلكترونية" ثم التوجه إلى المركز اللوجيستي لاستكمال الاجراء

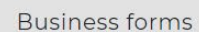
دليل إنشاء وتفعيل الخدمات الإلكترونية

أخبار تهمك

تشغيل مركز الخدمات اللوجيستية بمطار القاهرة خلال شهر مارس ... وتفعيل منظومة النافذة الواحدة

Type here to search

8:16 PM 7/18/2019



# Omni-Channel - Trade Community Services



## Nafeza e-Portal

Registration and Single Sign-on  
Direct Trade Input (DTI)  
Customs Declarations Tracking  
Indexed, Searchable Customs  
Instructions



## Nafeza Mobile Application

Enquiries Services  
[Tariff, Foreign Currencies, ..]

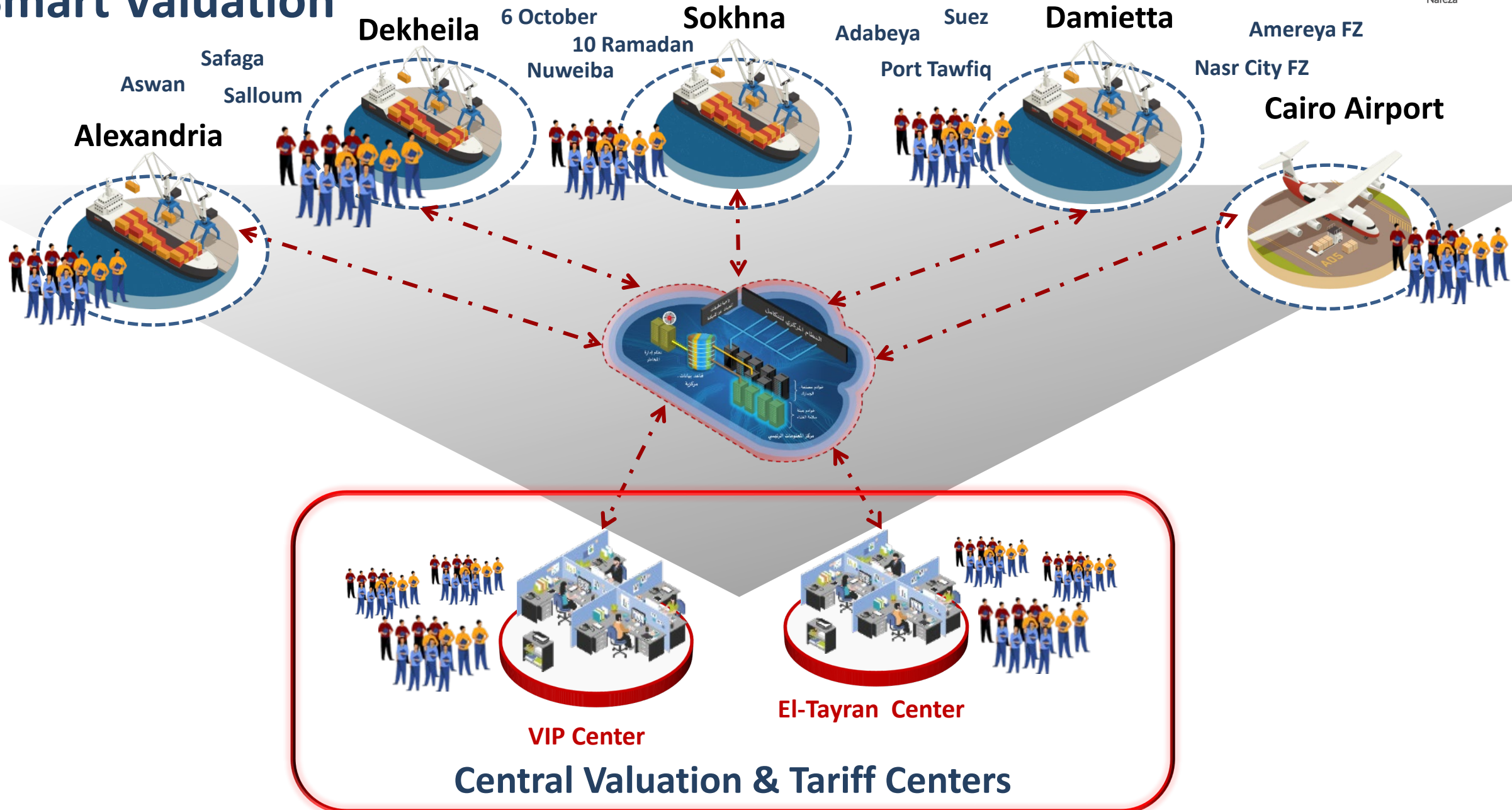


## Self-Services Machines Tablets Devices in Inspection

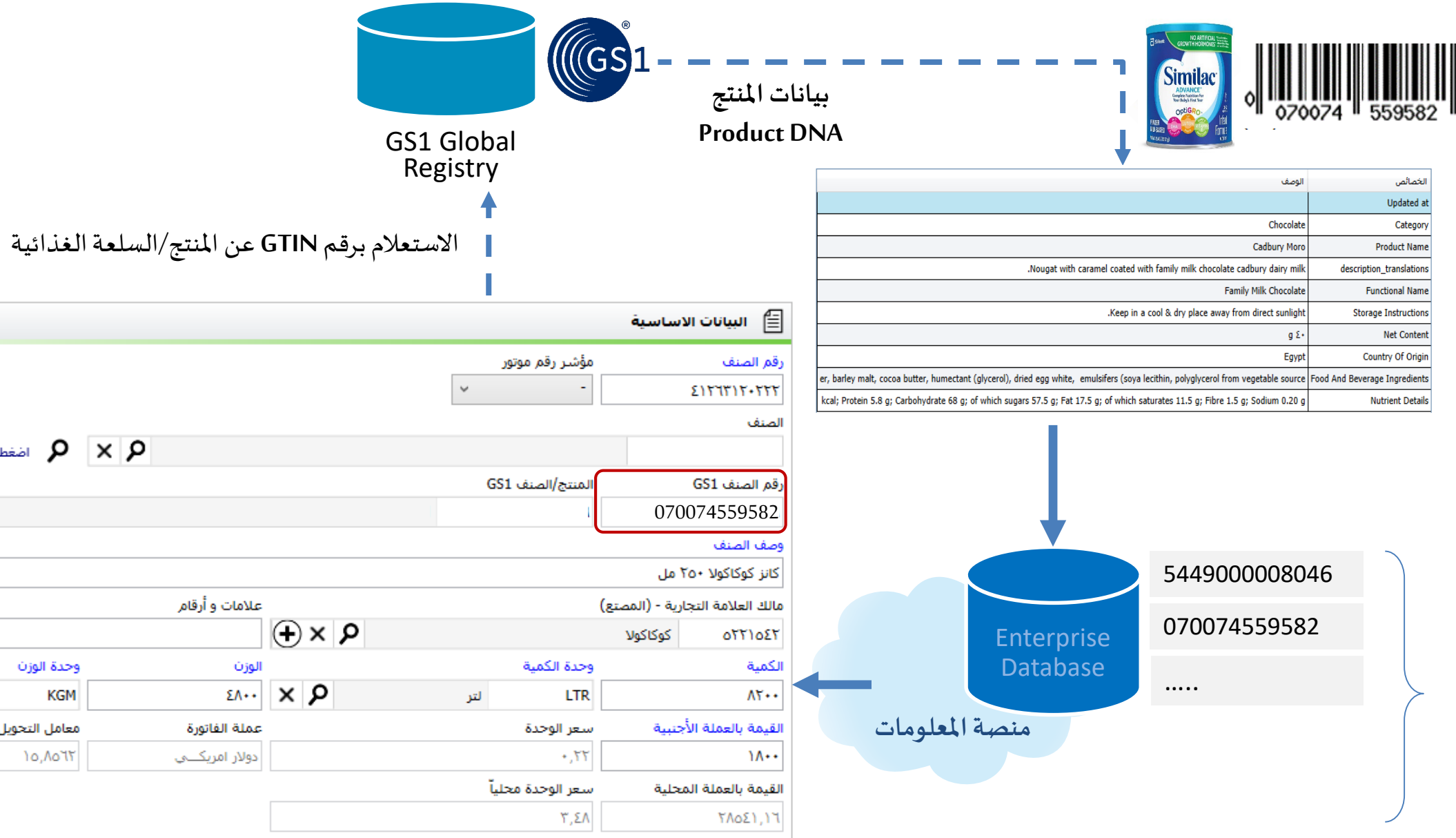
# Omni-Channel - Trade Community Services



# Smart Valuation



# Central Commodity Valuation Database



“

You cannot control  
what  
You cannot measure

”

# Logistics Centers Performance 2020

Logistic Center  
(All) ▼

Document type  
(All) ▼

Year  
2020 ▼

Month  
(All) ▼

Permit-Issuing Agencies  
(All) ▼

Customs Regime  
(All) ▼

Import type  
(All) ▼

Warehouses  
(Multiple values) ▼

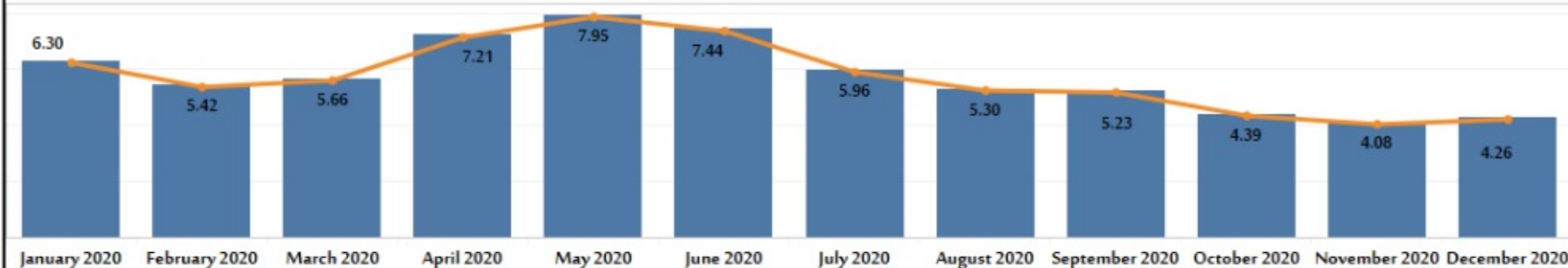
Tax ID

☐ Customs  
☐ Customs and out 106  
☐ Customs and Goeic  
☐ Customs, GOEIC, and out 106

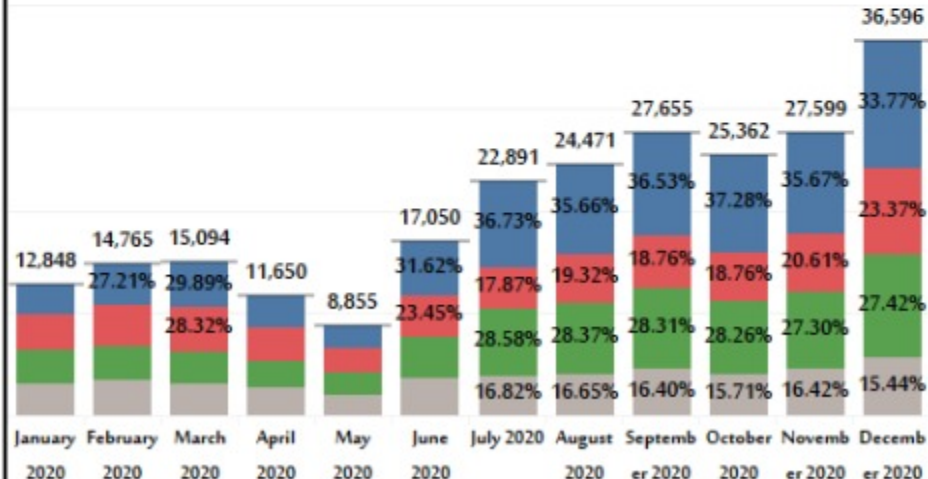
## Monthly average performance

logistic center : All

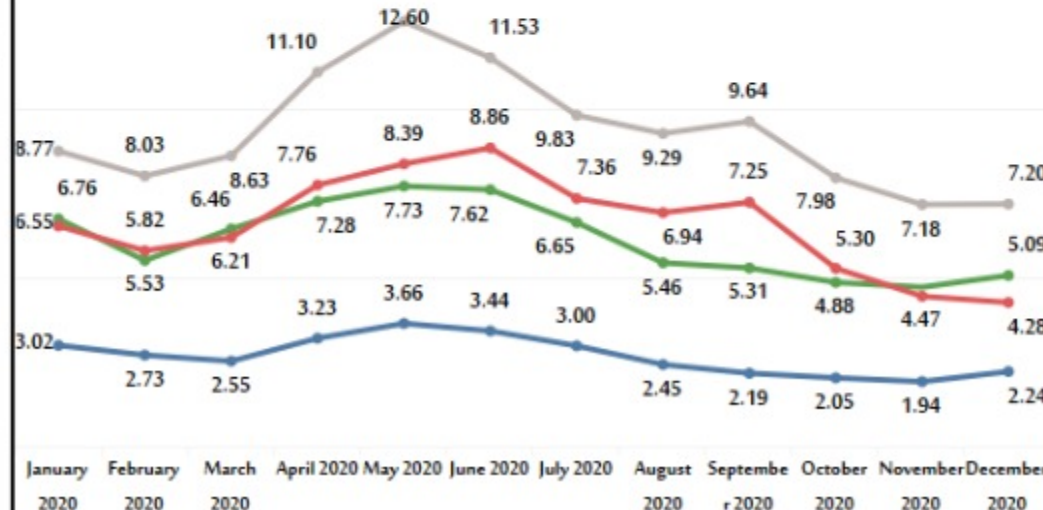
5.39



## Total approved declarations



## Monthly average performance



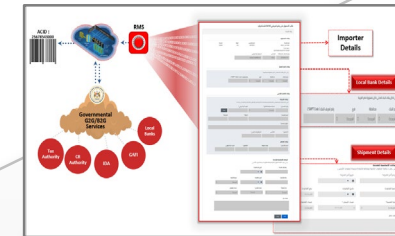
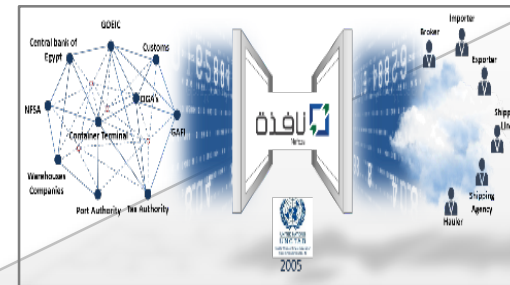
# Presentation Roadmap

Historical Background  
Project & Company



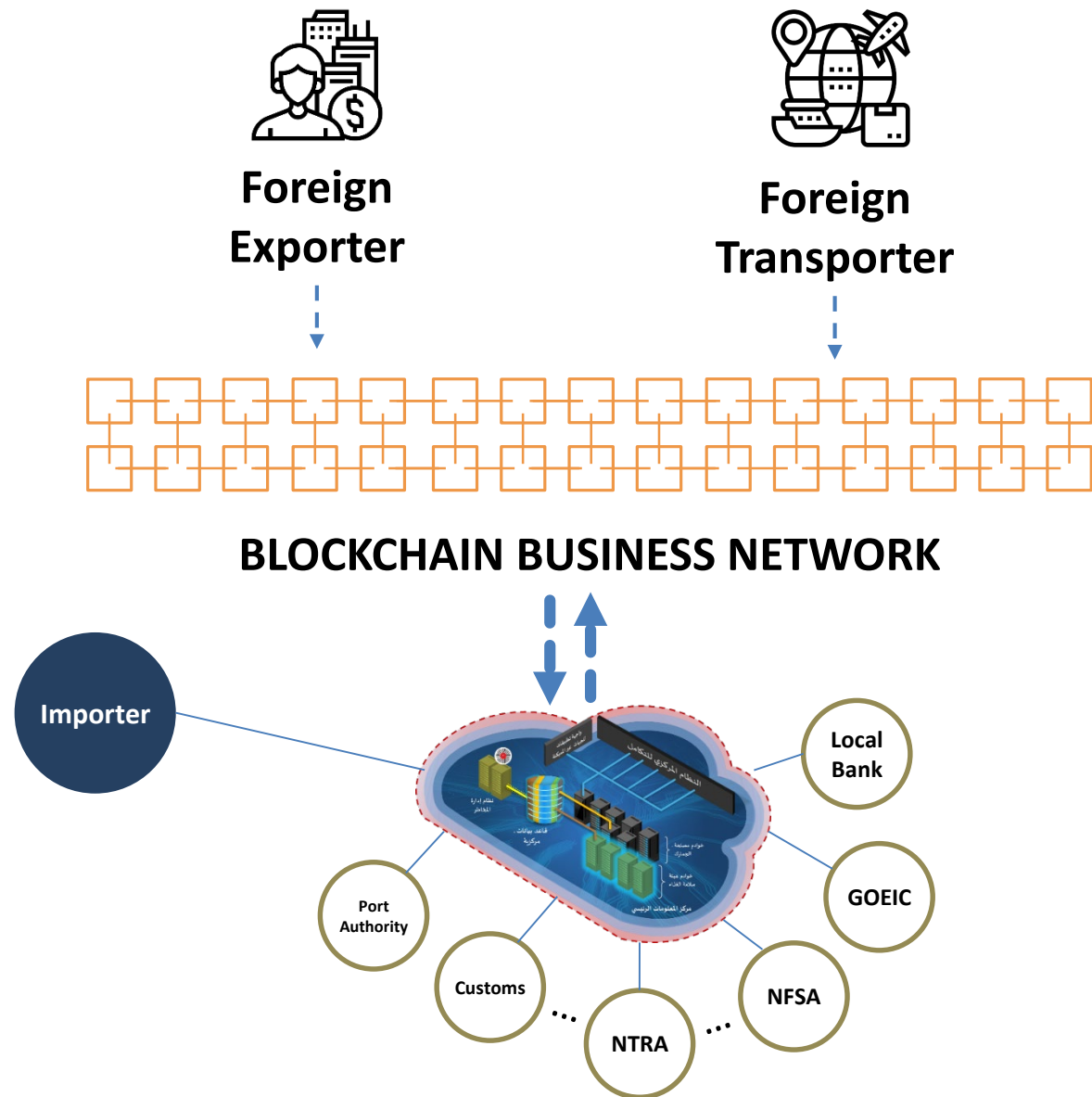
Nafeza Single Window  
The Platform & System

▶▶ Advance Cargo Information  
System & Requirements



# Advance Cargo Information – System Overview

- ACI System provides business automation services to handle imported goods PRIOR to arrival at Egyptian ports;
- The system works in an integral manner with NAFEZA System;
- ACI System aims at:
  - 1) Risk Management
  - 2) Trade Facilitation



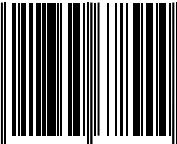
# Advance Cargo Information – Main System Characteristics

- **Identifying the Trade Partners of each transaction**  
Importer, Exporter, Notify Party [if applicable]
- **Identifying the imported Commodities of each transaction**  
Commercial invoices at the “Commodity” level [with GS1/PN];
- **Direct Trader Input & Shipment Documents Endorsement**  
via NAFEZA Portal using e-Tokens
- **Obtaining Shipment Documents from the Shipper/Transporter**  
via Blockchain
- **Obtaining Shipment Documents electronically**  
Commercial Invoices & Bills of Lading [Electronic Format]  
Other Shipment Documents [PDF Files Format]

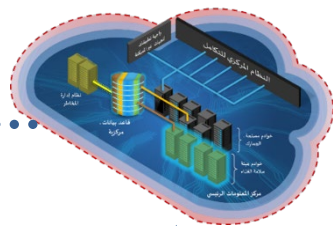
# Advance Cargo Information - Application Form

ACID :

25678543000



RMS



Governmental  
G2G/B2G  
Services

Local  
Banks

Tax  
Authority

CR  
Authority

IDA

GAFI

طلب الحصول على رقم تعريفى لشحنة وارد

بيانات الشحنة

بيانات المسارود	اسم الشركة	الرقم التعريفي	الرقم القوي
عالمى جدى سامية	22018892	مصر	
عنوان الشركة	القاهرة 8975	الموقع الإلكتروني	weeeee.asd@fda.gov
رقم الهاتف للمنفذ	02165766111	الفاكس	13312

بيانات البنك (مصر)

يرجى إدخال بيانات البنك المحلى داخل جمهورية مصر العربية

اسم البنك	محافظة	فرع	رقم تعريف البنك ( SWIFT Code )
(لم يحدد)	(لم يحدد)	(لم يحدد)	(لم يحدد)

بيانات المصدر الأجنبي

بيانات الشركة

يرجى إدخال بيانات الشركة واسم شركة مساهمة الدول والبيانات التعريفية للشركة. لم يحدد على "لا يوجد"

رقم التسجيل	مصلحة مساهمة الكايل	البريد الإلكتروني	نوع
(لم يحدد)	(لم يحدد)		الشركة
اسم المصدر	الدولة	المدينة	
عنوان المصدر			
التليفون	الفاكس	الموقع الإلكتروني	
بيانات الاتصال	اسم الشخص	رقم الهوية	التليفون
			البريد الإلكتروني

البيانات الأساسية للشحنة

يرجى ملء كافة الحقول التالية لإضافة فاتورة جديدة للموارد الأجنبي

رقم أمر الشراء	تاريخ أمر الشراء	نوع الفاتورة
		(لم يحدد)
رقم الفاتورة	تاريخ الفاتورة	ميناة الوصول
		(لم يحدد)
بلد المنشأ	ميناة الشحن	وصف عام
(لم يحدد)	(لم يحدد)	

إلغاء حذف

Importer  
Details

Local Bank Details

Shipment Details

يرجى إدخال بيانات البنك المحلى داخل جمهورية مصر العربية

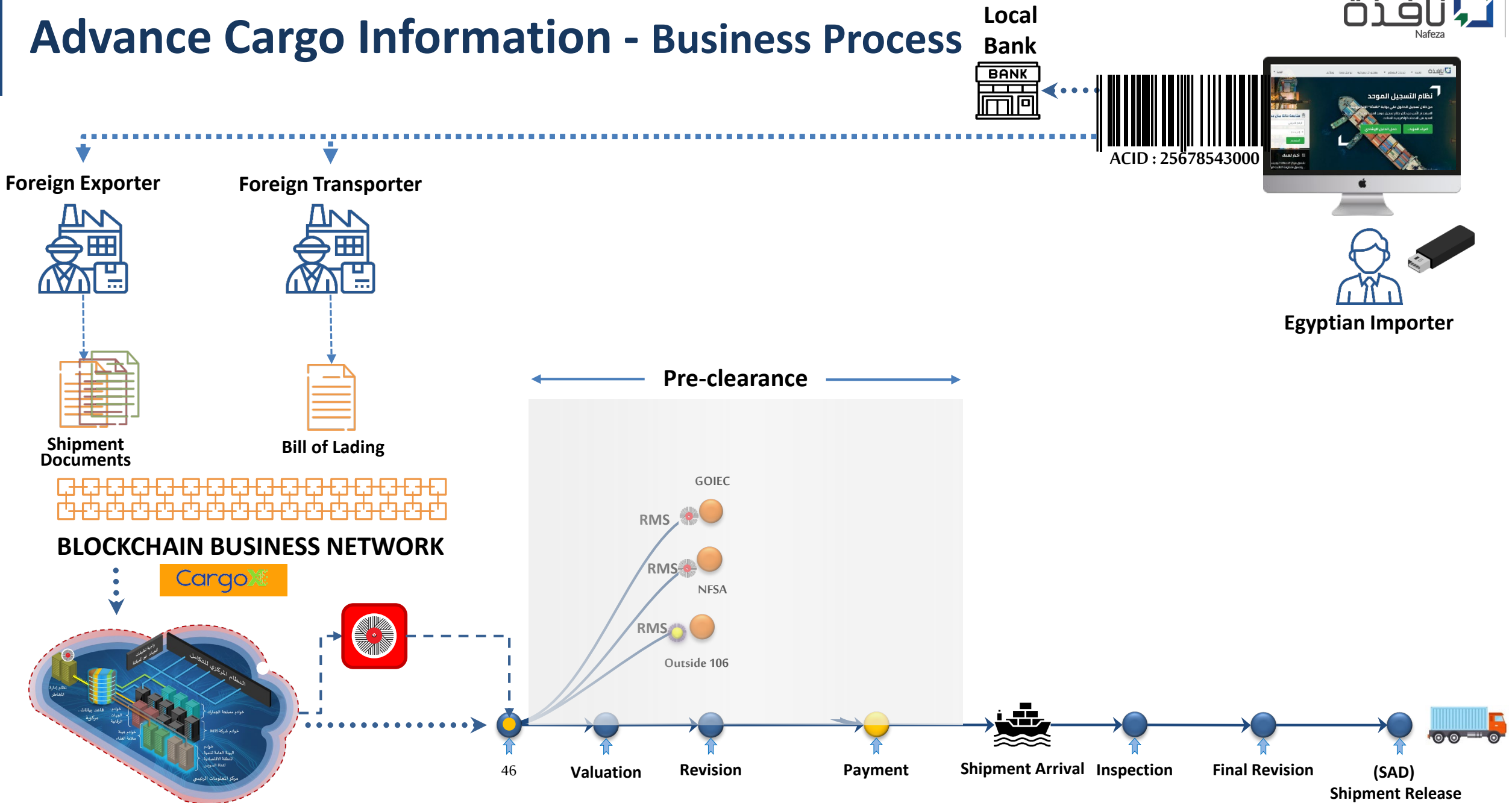
اسم البنك	محافظة	فرع	رقم تعريف البنك ( SWIFT Code )
(لم يحدد)	(لم يحدد)	(لم يحدد)	(لم يحدد)

البيانات الأساسية للشحنة

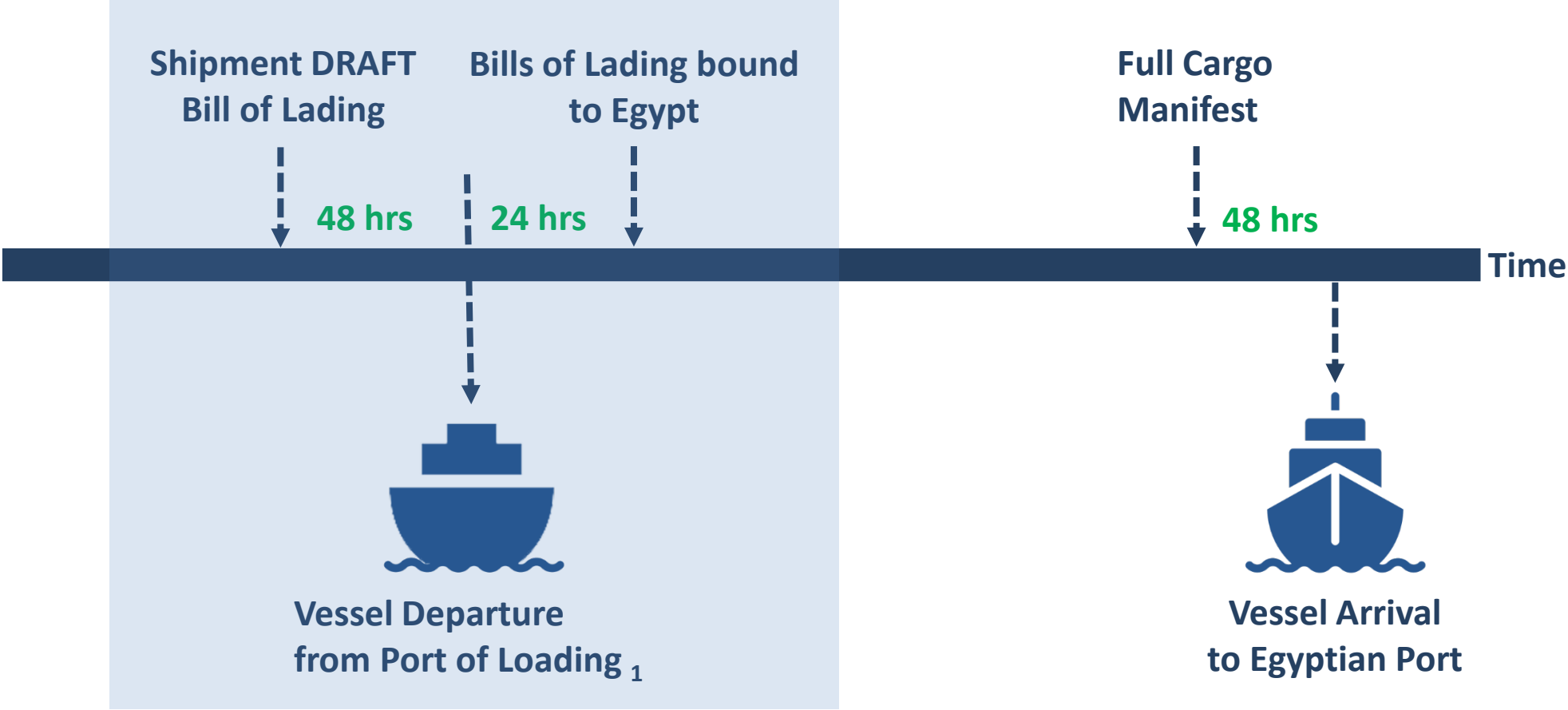
يرجى ملء كافة الحقول التالية لإضافة فاتورة جديدة للموارد الأجنبي

رقم أمر الشراء	تاريخ أمر الشراء	نوع الفاتورة
		(لم يحدد)
رقم الفاتورة	تاريخ الفاتورة	ميناة الوصول
		(لم يحدد)
بلد المنشأ	ميناة الشحن	وصف عام
(لم يحدد)	(لم يحدد)	

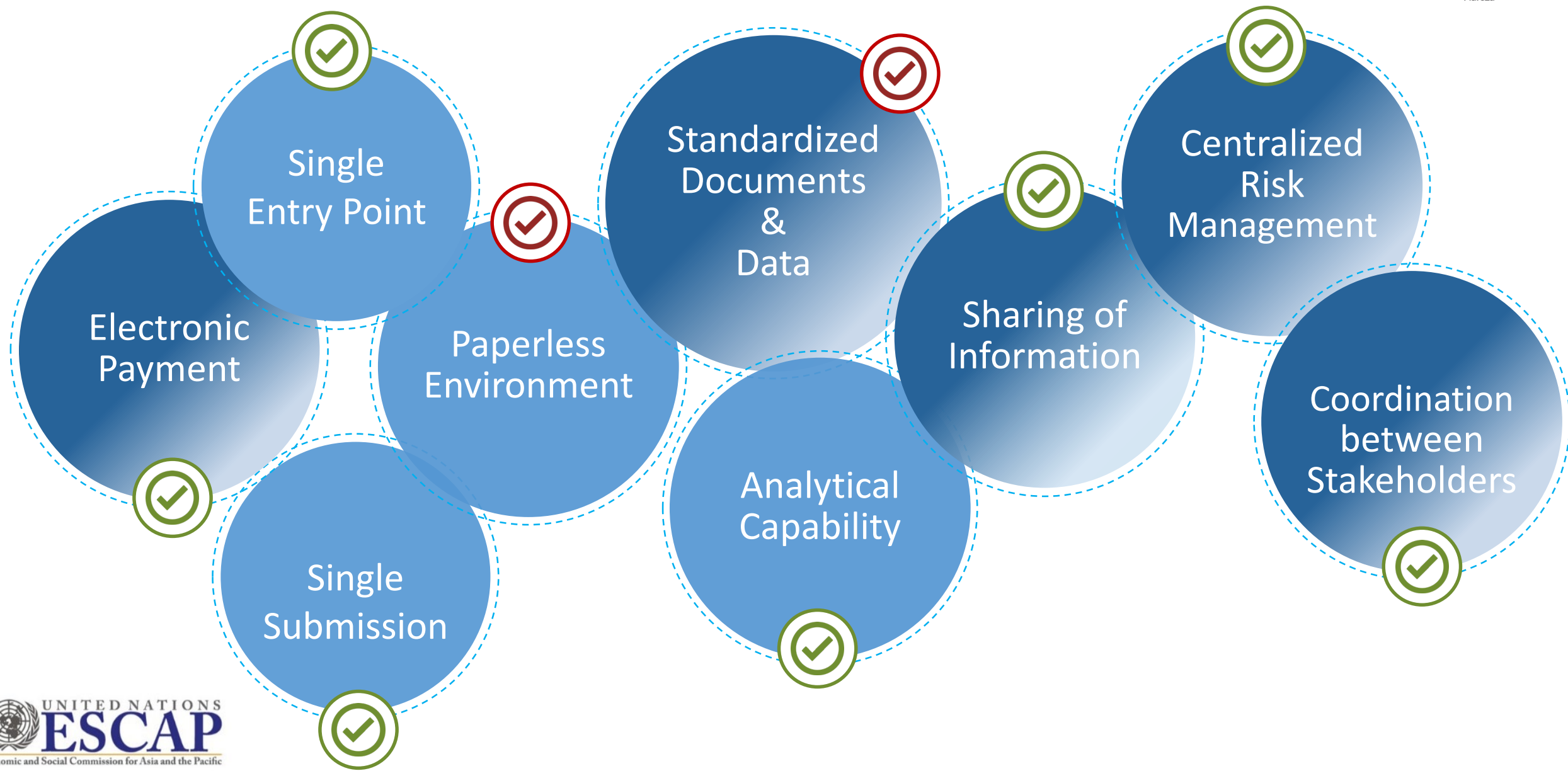
# Advance Cargo Information - Business Process



# ACI Data & Documents Submission Constraints



To be repeated at every Port en Route to Egypt



# ACI System Requirements: Registration on NAFEZA e-Portal

<https://www.nafeza.gov.eg/en/members/register>

## WHO?

- Egyptian Importer

## WHAT?

- Company Account
- Staff Accounts
- Delegate(s) Accounts

## WHY?

- Lodge Declarations
- Submit Documents
- Endorse Documents
- Follow-up Transactions

https://www.nafeza.gov.eg/en/m... X

nafeza.gov.eg/en/members/register

Apps PHP W Category:Lists of ba... MTS Ref. MAC Download macOS... How to Install Virtu... macOS Mojave Slo... tr How to make virtua... Why is my Virtual... » Other bookmarks

نافذة Nafeza Nafeza Services ACI System Contact Us Nafeza Support Language Users Login 2030 VISION OF EGYPT

The Single Window Platform for Foreign Trade

New user registration in nafeza portal

To register, please fill out the following form and activate the account

Personal Information

Name\* Name

Date Of Birth Select Year Select Month Select Day

Gender\* ☐ Male ☐ Female

Country (not set)

Dear user

To register on the single national foreign trade platform, follow the following steps:

For non-commercial customers

1. Submit the Personal data.
2. Fill in the registration form
3. The activation link will be sent to the email registered in the user's account.

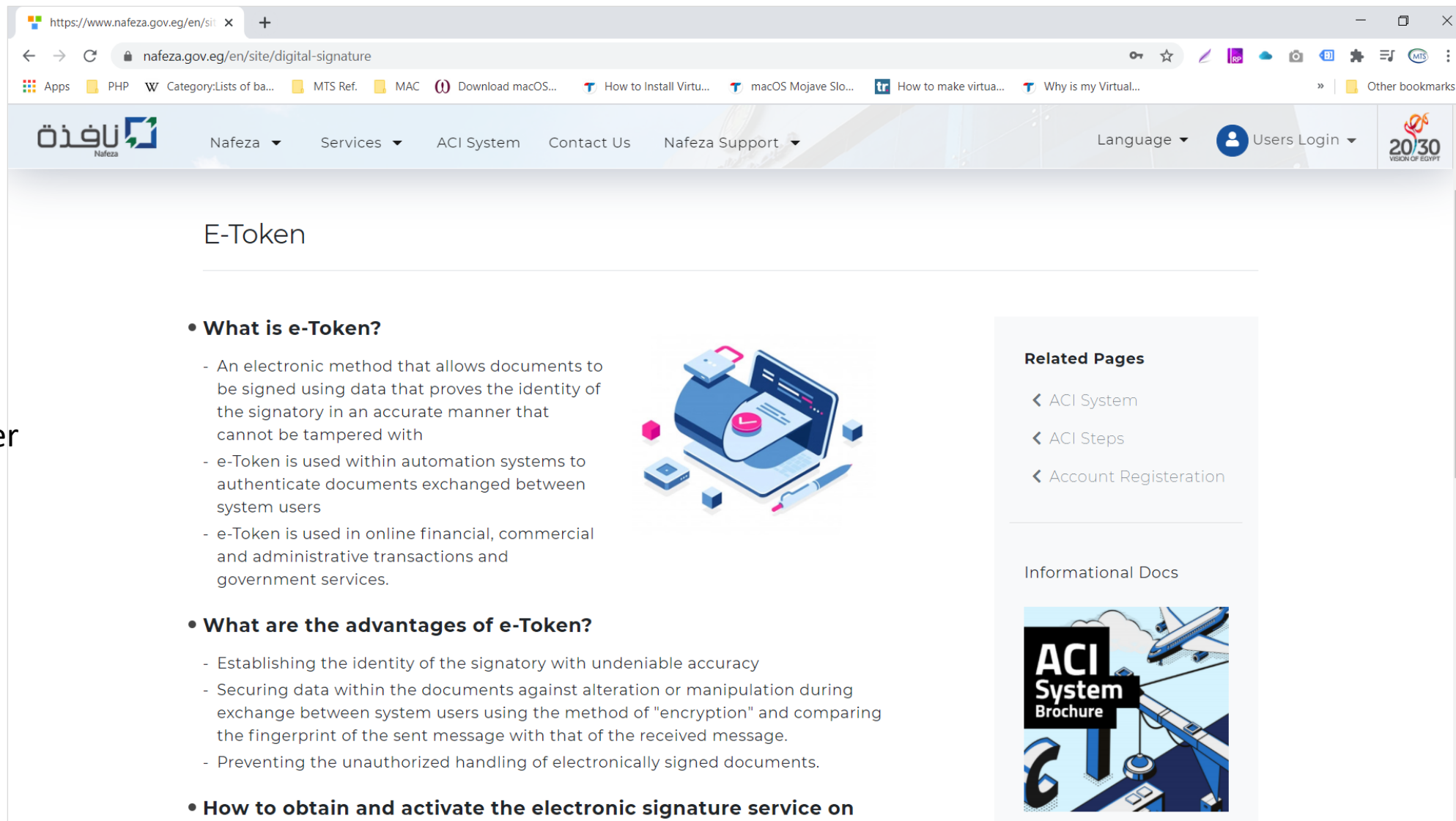
For commercial customers

1. Please register a new account on the online portal
2. Submit a request to activate electronic services on the website

To activate the account, it is

# ACI System Requirements: Obtaining e-Token(s)

<https://itida.gov.eg/Arabic/Pages/E-Signature.aspx>



https://www.nafeza.gov.eg/en/site/digital-signature

Apps PHP Category:Lists of ba... MTS Ref. MAC Download macOS... How to Install Virtu... macOS Mojave Slo... How to make virtua... Why is my Virtual... Other bookmarks

نافذة Nafeza Services ACI System Contact Us Nafeza Support Language Users Login 2030 VISION OF EGYPT

## E-Token

- **What is e-Token?**
  - An electronic method that allows documents to be signed using data that proves the identity of the signatory in an accurate manner that cannot be tampered with
  - e-Token is used within automation systems to authenticate documents exchanged between system users
  - e-Token is used in online financial, commercial and administrative transactions and government services.
- **What are the advantages of e-Token?**
  - Establishing the identity of the signatory with undeniable accuracy
  - Securing data within the documents against alteration or manipulation during exchange between system users using the method of "encryption" and comparing the fingerprint of the sent message with that of the received message.
  - Preventing the unauthorized handling of electronically signed documents.
- **How to obtain and activate the electronic signature service on**

**Related Pages**

- < ACI System
- < ACI Steps
- < Account Registration

**Informational Docs**

ACI System Brochure

## WHO?

- Egyptian Importer

## WHAT?

- E-Token for every authorized staff member

## WHY?

- Access NAFEZA e-Portal
- Co-sign Documents

# ACI System Requirements: **Registration on CargoX**

<https://cargox.digital/create-an-account>

## WHO?

- Foreign Shipper
- Foreign Transporter

## WHAT?

- Company Account
- Staff Accounts

## WHY?

- Send Shipment data & e-documents
- Send Bill of Lading data

The image shows two overlapping web browser windows. The background window is the Nafeza website (https://www.nafeza.gov.eg/en/site/aci-details), which features a header with the Nafeza logo, navigation links (Nafeza, Services, ACI System, Contact Us, Nafeza Support), and a 'Users Login' button. The main content area lists 'What is Block-chain Technology?' and 'How the Block-chain Technology works'. The foreground window is the CargoX website (cargox.digital), titled 'Building Digital Trust with Blockchain Document Transfer BDTT'. It includes a navigation bar, a 'Login' button, and a 'Register' button. The CargoX page text describes the platform's ease of use for uploading documents and transferring ownership, and mentions its role in building digital trust through blockchain technology.

**What is Block-chain Technology?**

- Block-chain is a technology that allows a person (or company) to transfer valuable data or documents to another person safely and without the intervention of any intermediary
- Block-chain is simply a series of fixed records or blocks of data, and is managed by a group of computers that are not owned by any entity. Data blocks are secured and linked to each other using cryptographic principles

**How the Block-chain Technology works**

Block-chain is a simple and innovative method to pass information from person A to person B in a fully automated and secure manner. One Party creates a block. That block is verified by thousands, perhaps millions, of computers distributed throughout the network. The verified block is then added to the chain in the network, creating a unique record associated with other records. In this way, the entire chain has to be forged on millions of computers, making it practically impossible to alter.

**Who are the certified Block-chain Service Providers?**

**CargoX**

CargoX has developed BDTT (Block-chain Documentation Transfer Technology) which offers a platform with many applications, the most popular of which is the creation and exchange of encrypted data storage to enable the creation and exchange of documents.

**Building Digital Trust**  
with Blockchain Document Transfer BDTT

The CargoX Platform gives you the world's easiest way to upload documents and provides the tools for their secure and instant transaction. What is new is that you can also transfer ownership of documents!

All this is possible thanks to the neutral, public blockchain - the glue that will bind the businesses of the future. **Helping you implement trust in your document and data processes.**

[Register a free account](#) [Request a demo](#)



## **Ministry of Finance**

Egyptian Customs Authority

National Single Window for Foreign Trade Facilitation (Nafeza)

# Thanks