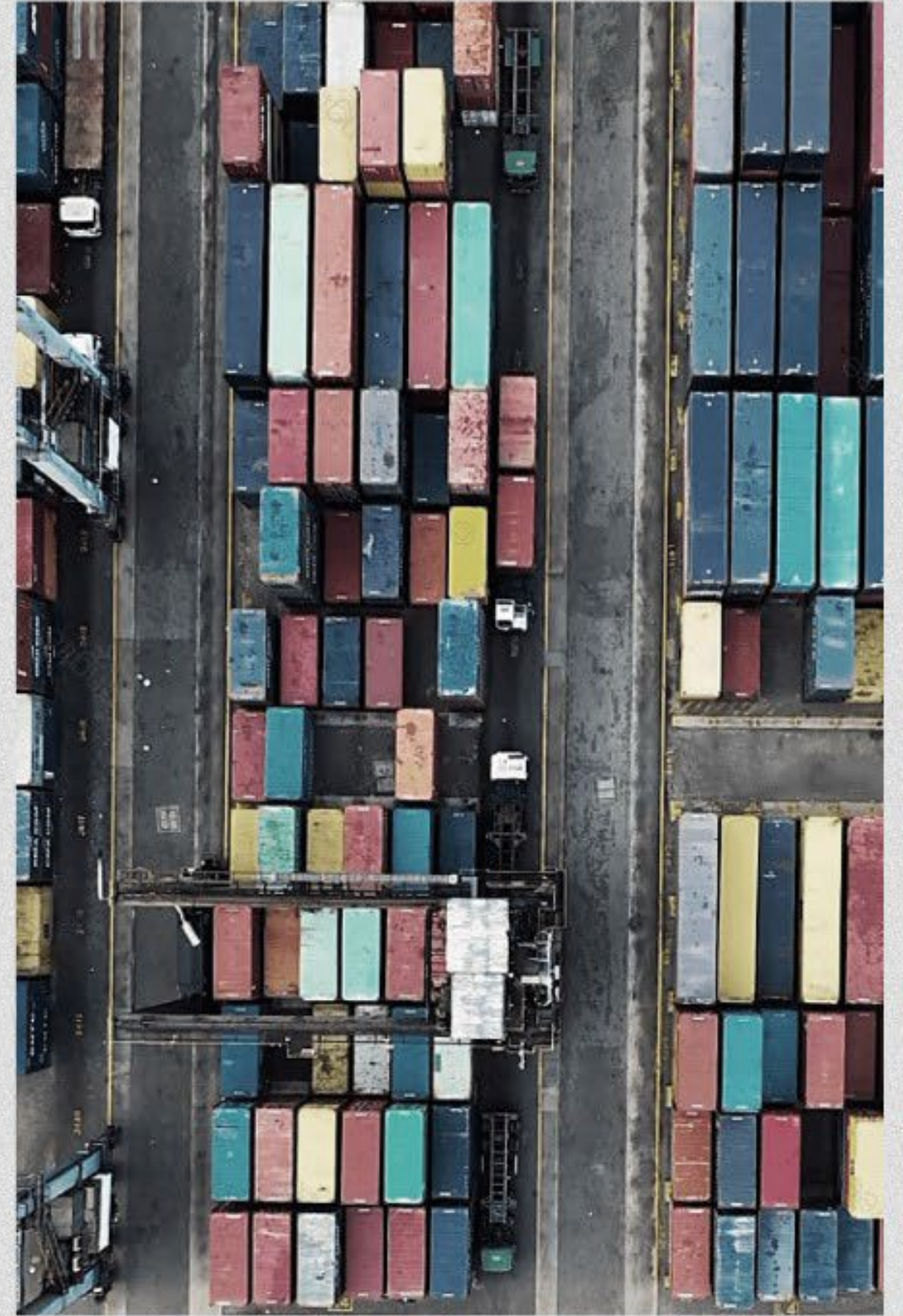
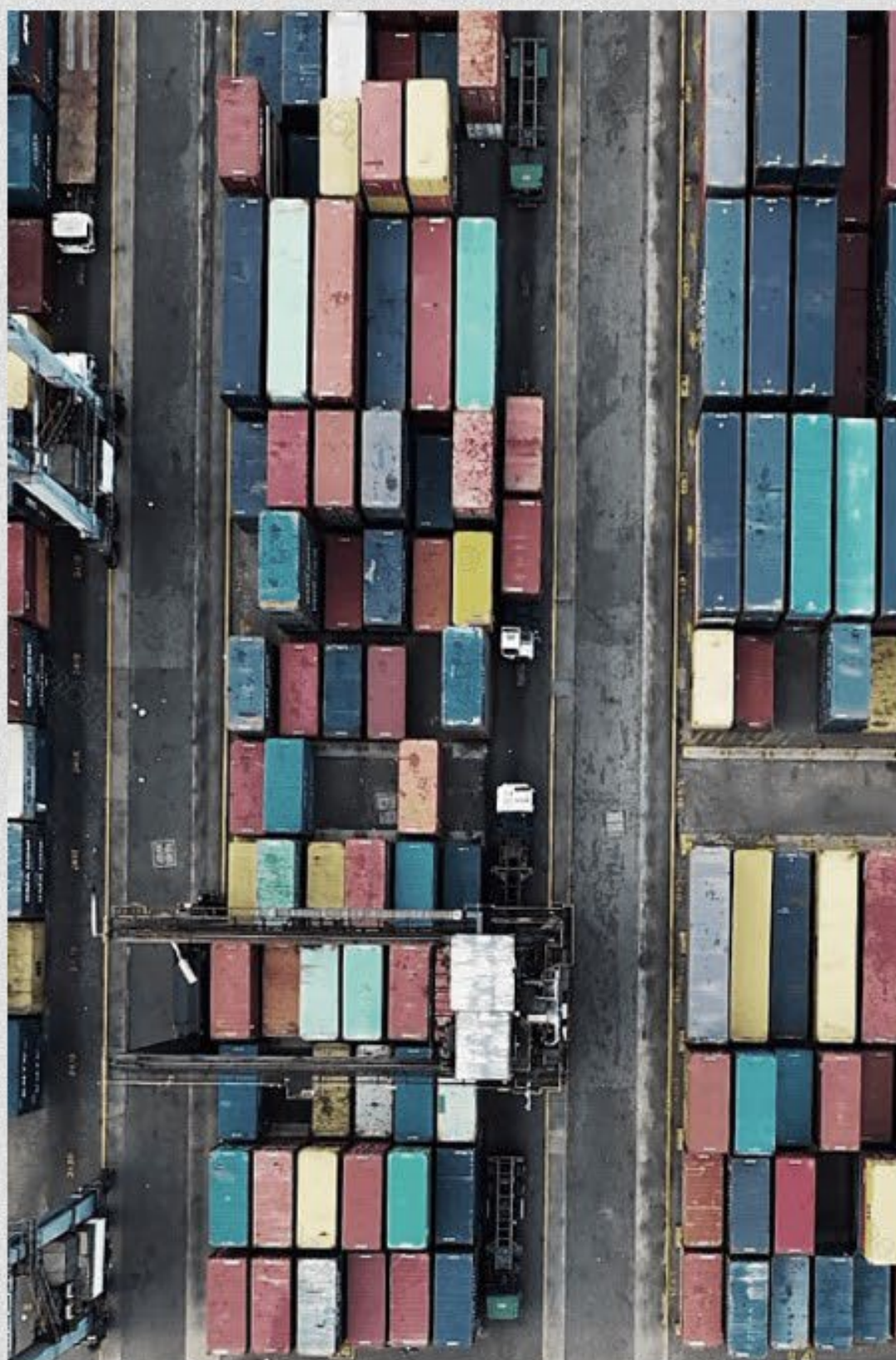


2025 APEC SCCP WTO TFA Implementation

KCS Deputy Director Taehoon. Hwang

February 28, 2025





- 01** Overview of the WTO TFA
- 02** Pillar 1: DX(Digital Transformation) to AX(AI Transformation)
- 03** Pillar 2: Facility Improvement
- 04** Pillar 3: International Cooperation

01

Overview of the WTO TFA

Definition

Trade Facilitation Agreement is a multilateral trade agreement adopted by the WTO, entered into force on February 22, 2017

Members

The TFA comprises a total of 164 members, including all 21 APEC members.

Key Provisions

Expedited and Simplified Customs Procedures

Transparency and Predictability

Reduction of Trade Barriers and Costs

02

UNI-PASS

Declarants

- Customs Broker
- Consignor
- Consignee
- Carriers
- Forwarders

Master BL, Manifest

Electronic Documents
Intermediaries

Export/Import Declarations other Declarations

Customs



Government Agencies and Privates

- 40 governments to share information
- 34 governments to handle regulatory requirements
- The Korea Food and Drug Administration
- The National Fisheries Products Quality Inspection Service

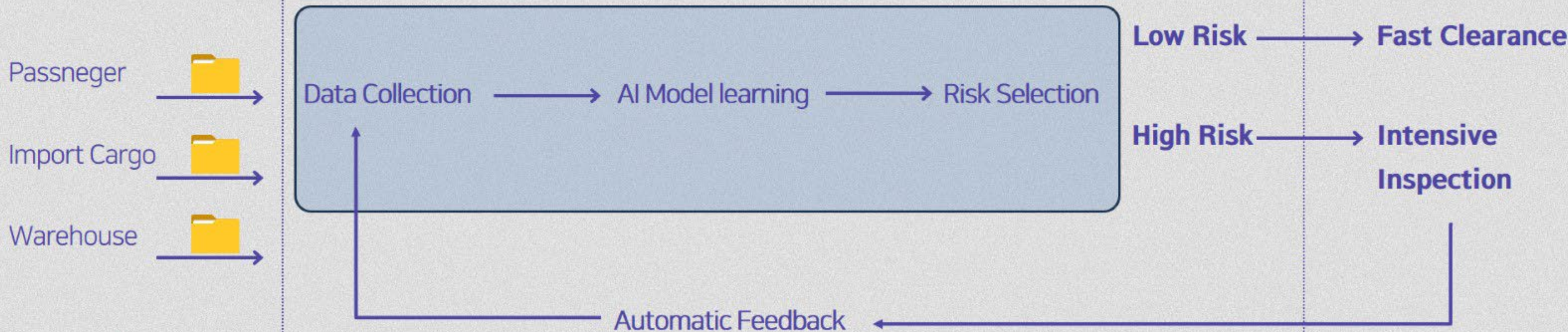
- Terminal operators companies
- Duty free shops
- guarantee insurance companies Etc

 **Data sharing resistance from private sector entities**

02

Artificial Intelligence

AI Selectivity



Ensuring clean data

02

Artificial Intelligence

	Cargo for Inspection		Preferred Passenger		Express Cargo	
	High Risk Model	Supply Chain Model	High Risk Model	Drug Risk Model	High Risk Model	Drug Risk Model
2022	Advanced declaration & detection(102)	Supply Chain High Risk Patterns 4				
2023			PNR Information Inspection results, etc (99)	PNR Information Declaration, Risk Patterns(155)		
2024					E-commerce Information Inspection results,etc(110)	Personal Import Investigation Inspection results(101)

02

RPA(Robotic Process Automation)

RPA Case : Automation of international postal inspection result register

As Is

entering of mail information and inspection result in UNI-PASS



Preparation of Inspection results in Excel format



Attaching the report and sending it via email



Participations and Cooperation from operational divisions

To be

Recognition Postal barcode



entering only inspection result in UNI-PASS



Automatic generation of the inspection report

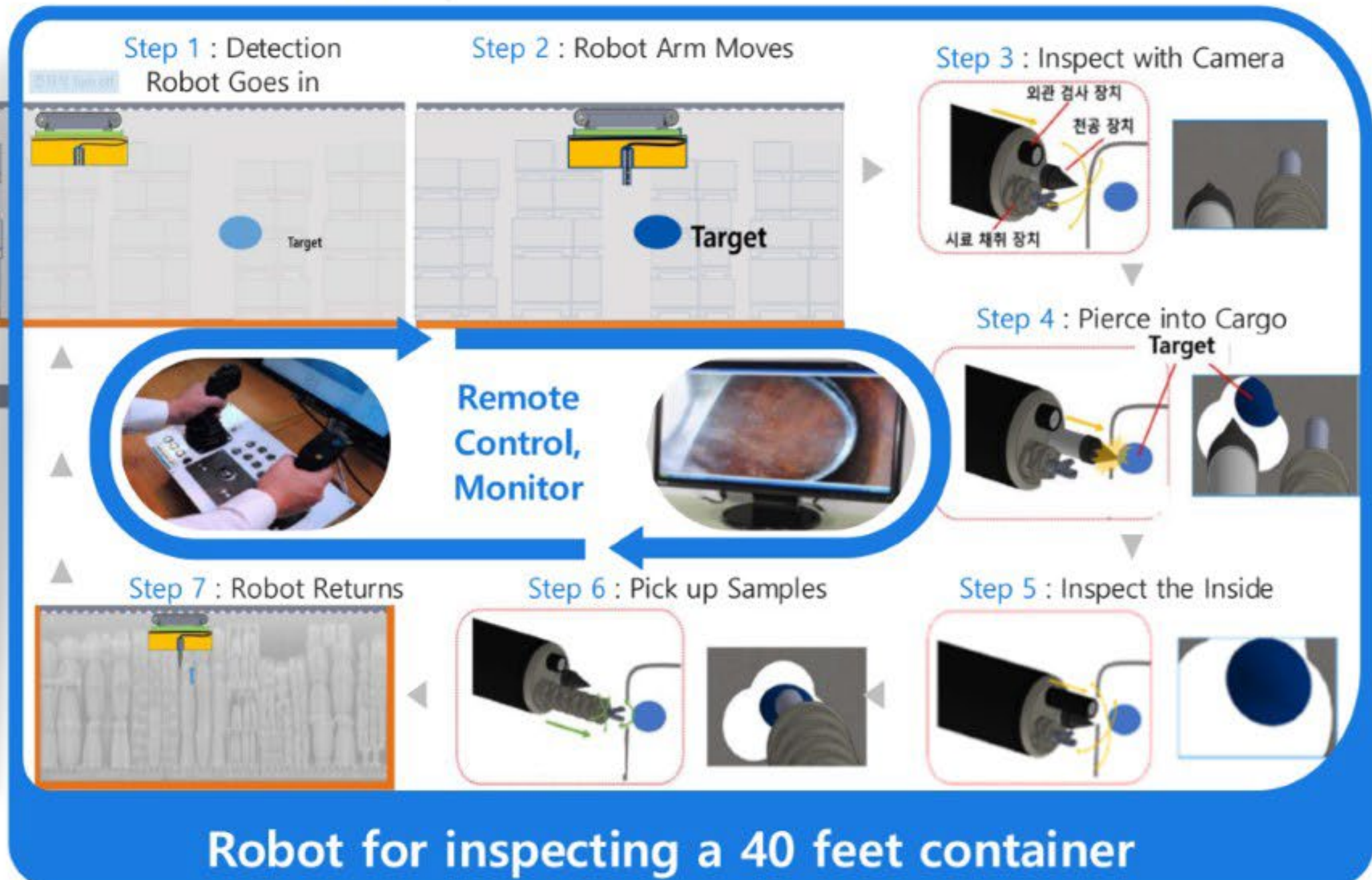


Automatic email dispatch with the report

02

Customs Laboratory Initiatives

Customs Lab Case : Detection robot for container inspection



- **Faster Inspection** without Unloading the Cargo
- **Prevent Exposure** to Hazardous Cargo

03 Facility Improvement

Incheon Express Cargo Center(Air Cargo)



- Construction : 2013 to early 2016
- Area : Total ground area of 35,885m²
- Location : In the cargo terminal of Incheon Airport Intl Airport

Incheon Integrated Inspection Center(Sea Cargo)



- Construction : 2019 to 2023
- Area : Total ground area of 99,065m²
- Location : In the cargo terminal of Incheon port

04 Strengthening International Cooperation

TFA Workshop



Exchange of e-C/O



AEO MRA



Thank you

The background features a dark, almost black, space filled with a grid of small, glowing white dots. From many of these dots, thin, vertical white lines extend upwards, creating a sense of depth and perspective. The overall effect is reminiscent of a digital data visualization or a futuristic cityscape at night. A thin white horizontal line is positioned near the top of the image, and another is near the bottom, framing the central text.