



Customs Modernization in Thailand

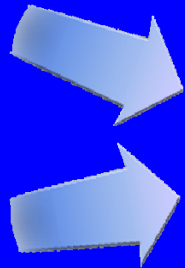
Mr. Sinmahat Kiatjanon
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The Kingdom of Thailand, sinmahat@customs.go.th

**Trade and Investment Training:
Programming for Greater Impact**
Bangkok, Thailand
November 8-12, 2010

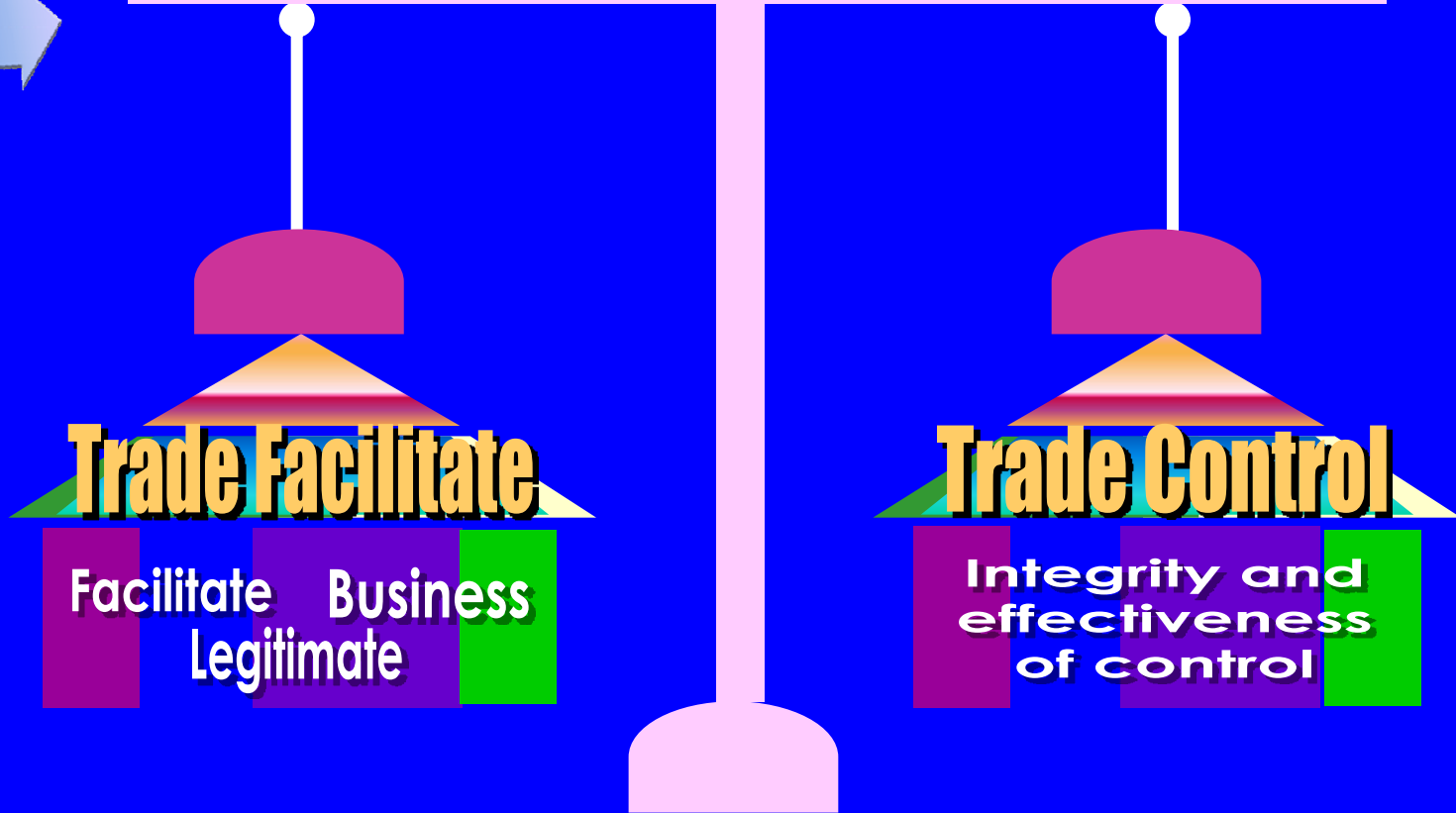
Customs Role

Facilitation

Control



Balance between Trade Facilitation & Control



VISION

**World-Class Customs
for Competitiveness and Social Safety**

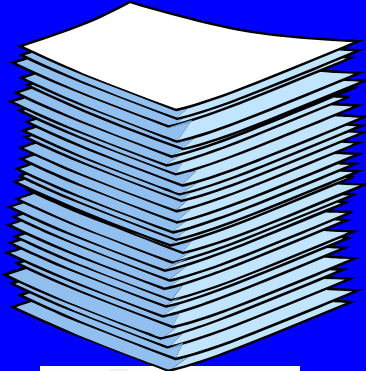
MISSION MISSION

**To achieve
world-class
Customs Standard**

**To enhance
economic
competitiveness**

**To protect
national economy
and society**

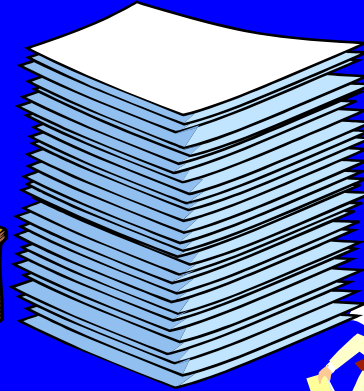
Import & export procedures before 1998



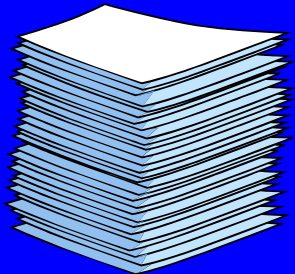
Manual application



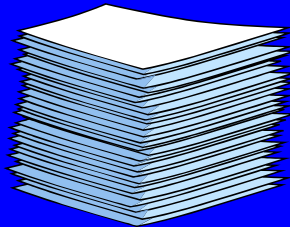
Controlling agencies e.g. Fisheries, Agriculture, Food & Drug



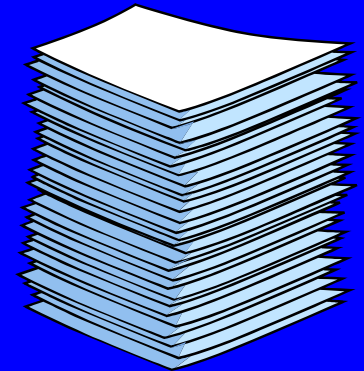
Paper Goods Declaration



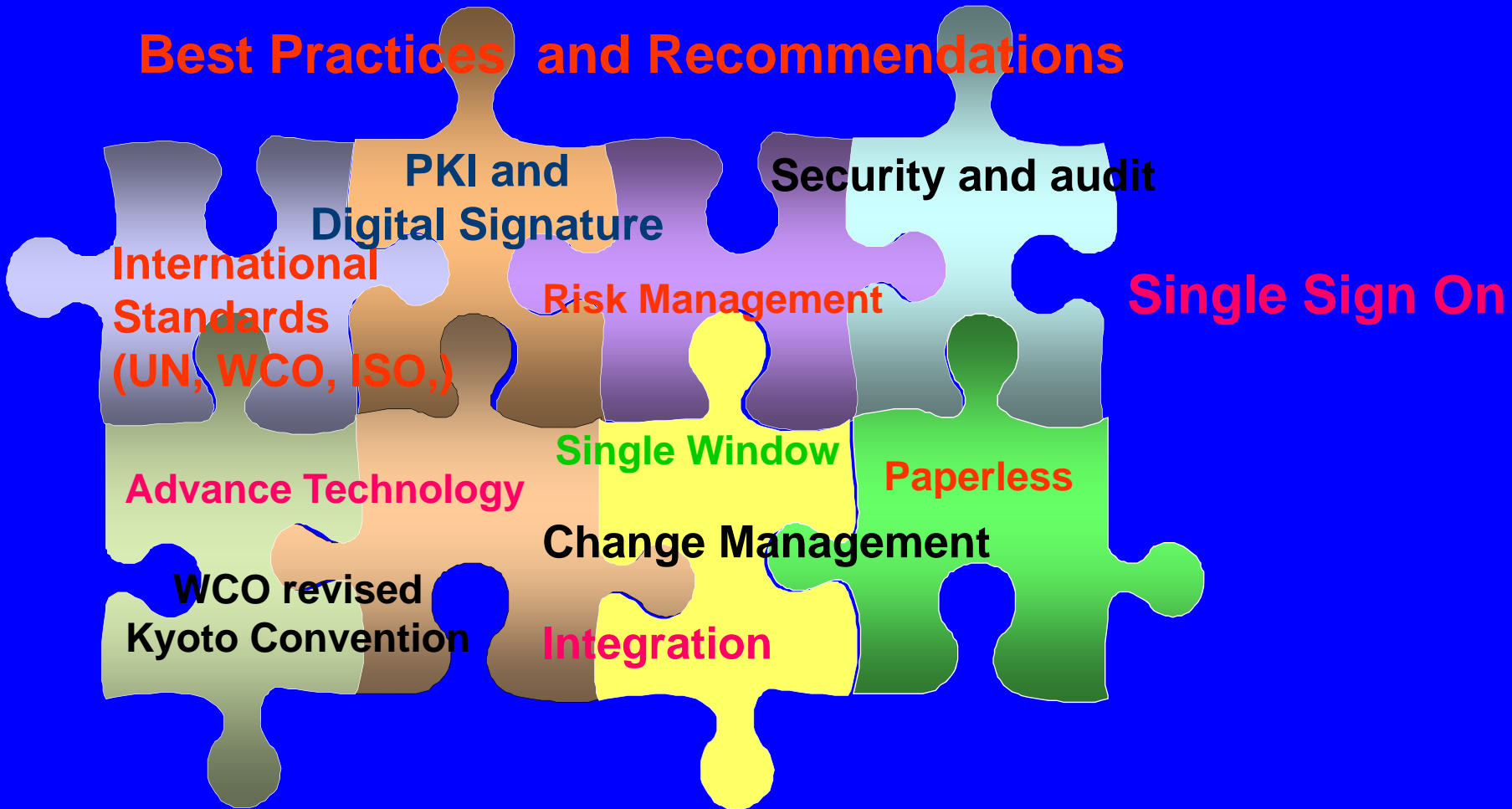
Cargo Release and clearance



Customs office



Principles for Trade Facilitation & Control





e-Customs Services Nationwide

Computers

- Server > 150 Units
- PC Computer > 5,000 Units

Networks

- Customs Branch = 91 Units
- Other (Bonded warehouse, ICD,CY, Free Zone) = 240 Units

Principles for Trade Facilitation & Customs Control

- ✓ Neutrality and non-stop operation (any time)
- ✓ Transparent, accountable & responsible operations
- ✓ Minimum human intervention to any participant's business processes, procedures & relationships
- ✓ Facilitation and security control
- ✓ Easy to access and utilization
- ✓ Electronic interaction for faster and cheaper trade and service
- ✓ Win-Win solutions
- ✓ Anywhere availability
- ✓ Stakeholders satisfaction

Customs Incentive Schemes

- ✓ Tax and duty compensation
- ✓ Duty drawback under section 19bis (customs law)
- ✓ Duty drawback for re-export
- ✓ Bonded warehouse
- ✓ Free zone
- ✓ Investment promotion
- ✓ Gold card scheme
- ✓ License customs broker

e-Customs Services

Present

- e-Import
- e-Export
- e-Payment
- e-Manifest
- e-Seal (RFID)
- e-Licensing
- e-Transit
- e-Tracking
- e-Express
- e-Warehousing

Future





- e-JDA
- e-Coasting Trade
- e-Tax Incentive
- Enhance e-Transit
- Enhance e-Tracking
- Enhance e-Certificate
- Enhance e-Licensing
- Enhance e-Seal (RFID)



Modernization

e Import

- 1 Submit Electronic Import Declaration
- 2 Submit Electronic Cargo Information (Cargo Manifest)
- 3 Pay Duties and Taxes (if any)
- 4 Perform Customs formalities and asses Duties and Taxes
- 5 Register, Verify Document and Issue a Release Order
- 6 Release Cargo and Verify Permit

1998-2006	2007-Present
EDI/ EDIFACT	e-Import + Digital Signature
EDI/ EDIFACT	e-Import + Digital Signature
	e-Import + Digital Signature
	Post Review
	e-Import + Digital Signature
	e-Import + Digital Signature

IMPORT

Be informed of
Customs released
Department



Web
Service



Port / Warehouse



Green Line

NSW

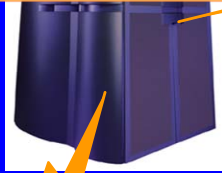


Importer/Broker



IMPORT

Be informed of
Customs goods released
Department



Web
Service



Port/Warehouse



Red Line



Inspect (with CCTV)



Importer/Broker





e Export

Modernization

- 1 Submit Electronic Export Declaration
- 2 Submit Cargo Control Report
- 3 Register, Write off Cargo Manifest, release and Clearance of Cargo
- 4 Verify a Container Doc. against a Container Control Report
- 5 Submit Export Declaration and Certify Export of Goods

1998-2006

EDI/
EDFACT



2007-Present

e-Export +
Digital Signature

e-Export +
Digital Signature

e-Export +
Digital Signature

e-Export +
Digital Signature

Post
Review

EXPORT

Warehouse



Truck/Container



Warehouse
Database

RFID Data

NSW



Customs
Department



RFID Reader
or
Key In

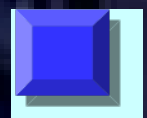
Profile
Hit List

Terminal or
Checking Post





Radio Frequency Identification



คลังสินค้า
(Warehouse)



e-Seal



RFID Reader



Sea Port



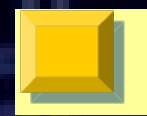
Free Zone



e-Seal



Air Port



คลังสินค้า
(Warehouse)



e-Seal



RFID Reader



Free Zone



e-Seal



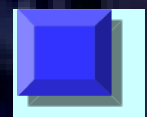
technology

X-ray Container Inspection System

Sea Port



Air Port



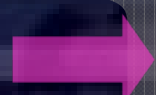
คลังสินค้า
(Warehouse)



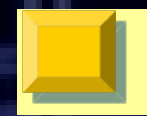
Cargo



Free Zone



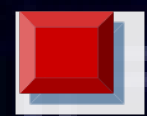
Cargo



คลังสินค้า
(Warehouse)



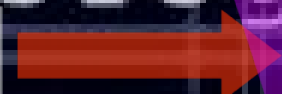
Cargo



Free Zone



Cargo



X-ray



X-ray

technology

Technologies for Customs Control

1. Container Security Initiative



Operating Port :

Laem Chabang Port

MOU Signing :

11 June 2003 in Washington

Date of Implementation :

1 JULY 2004

JOINT PROJECT
under
Government Cooperation
BETWEEN

**Royal Thai Customs and
Bureau of Customs and Border
Protection of the U.S.**



Technologies for Customs Control

2. Megaports Initiative Complements the CSI

JOINT PROJECT
under Government Cooperation

BETWEEN

Royal Thai Customs and
Department of Energy of the U.S.
in Support of CSI



An important international nuclear security program

Technologies for Customs Control

3. X-Ray Scanner

Objective

- : Increase efficiency in revenue collection & inspection of goods transported by containers
- : Protect & suppress Customs offences, evasion and smuggling

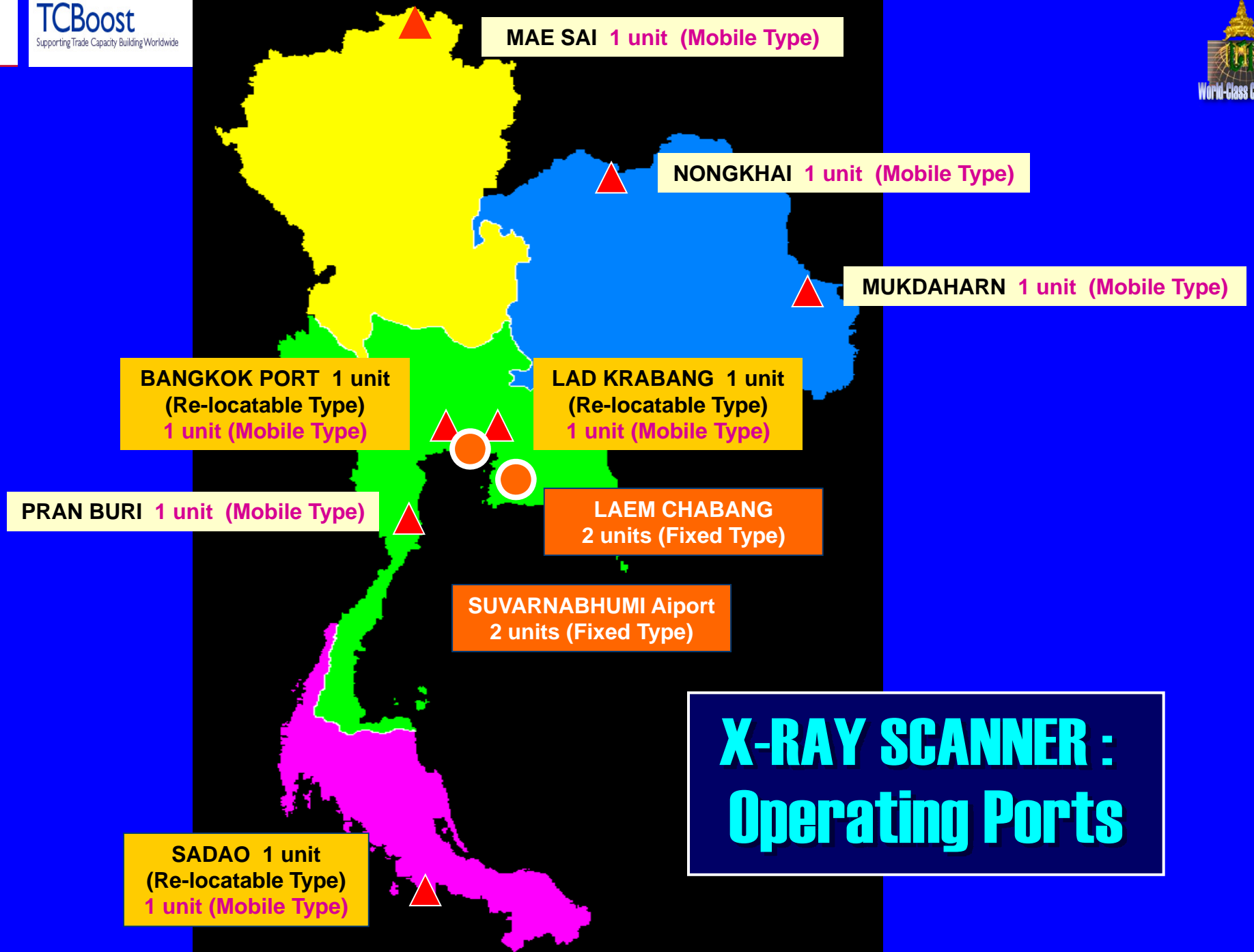


Technologies for Customs Control

3. X-ray Scanners

1. MOBILE TYPE (7 units)
installed since 2004
2. FIXED TYPE (4 units)
installed since 2006
3. Re-locatable Type
(3 units)
installed since 2008







X-Ray
Machine



Technologies for Customs Control

4. CCTV System

Closed Circuit Television System for Customs Control



**Customs Control
Center**

Thai Customs Dept.
(Headquarters)



Regional Control

8 Regional
Bureaus/Offices

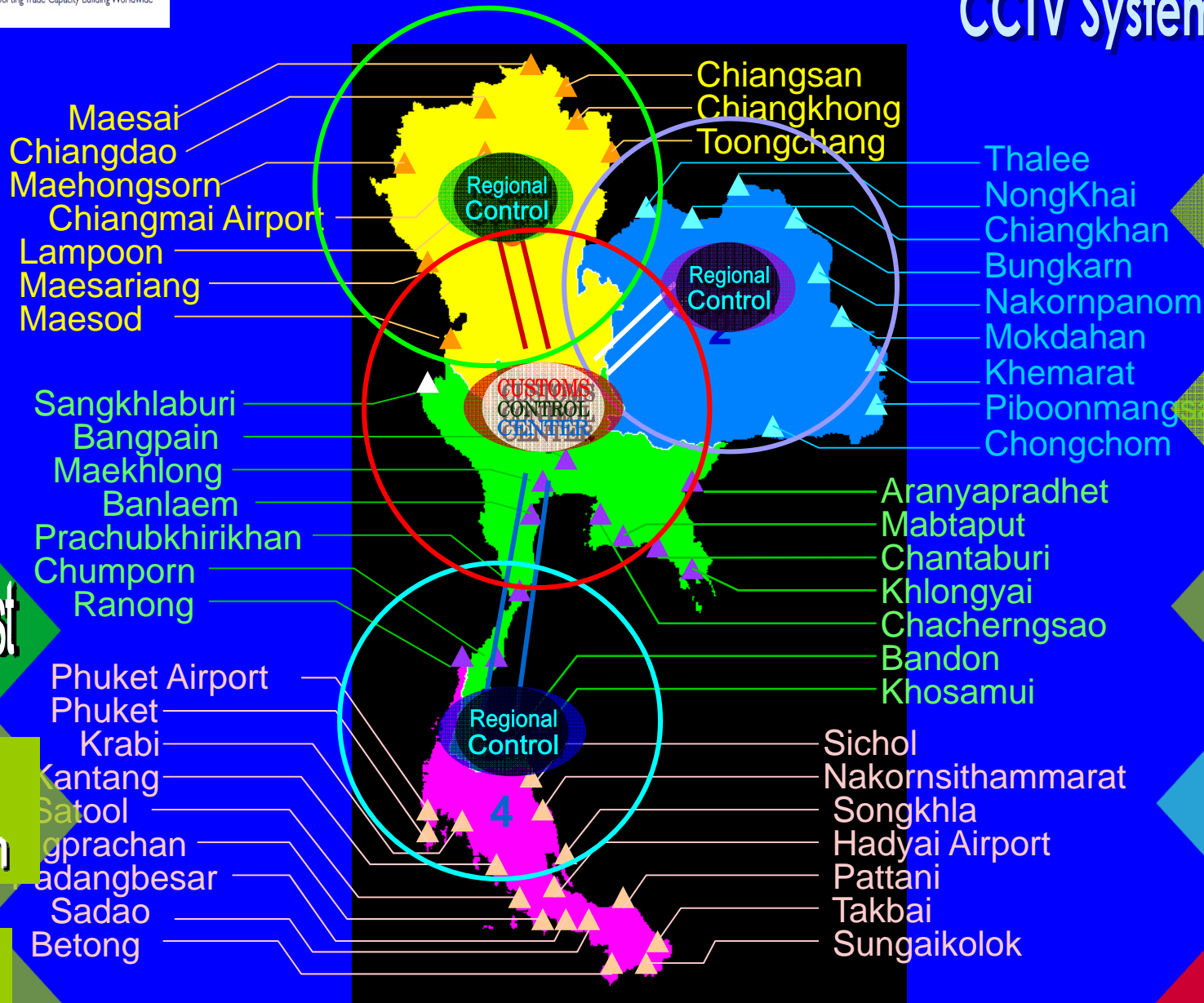


Local Control

79 Customs Houses

38 Border Posts

CCTV System (2004)



**1,212
Cameras**

**30 Days
Record**

Real Time

X-Ray Image

**Analytic
Software**

Audio Broadcast

**Motion
Detection**

**Alarm
System**

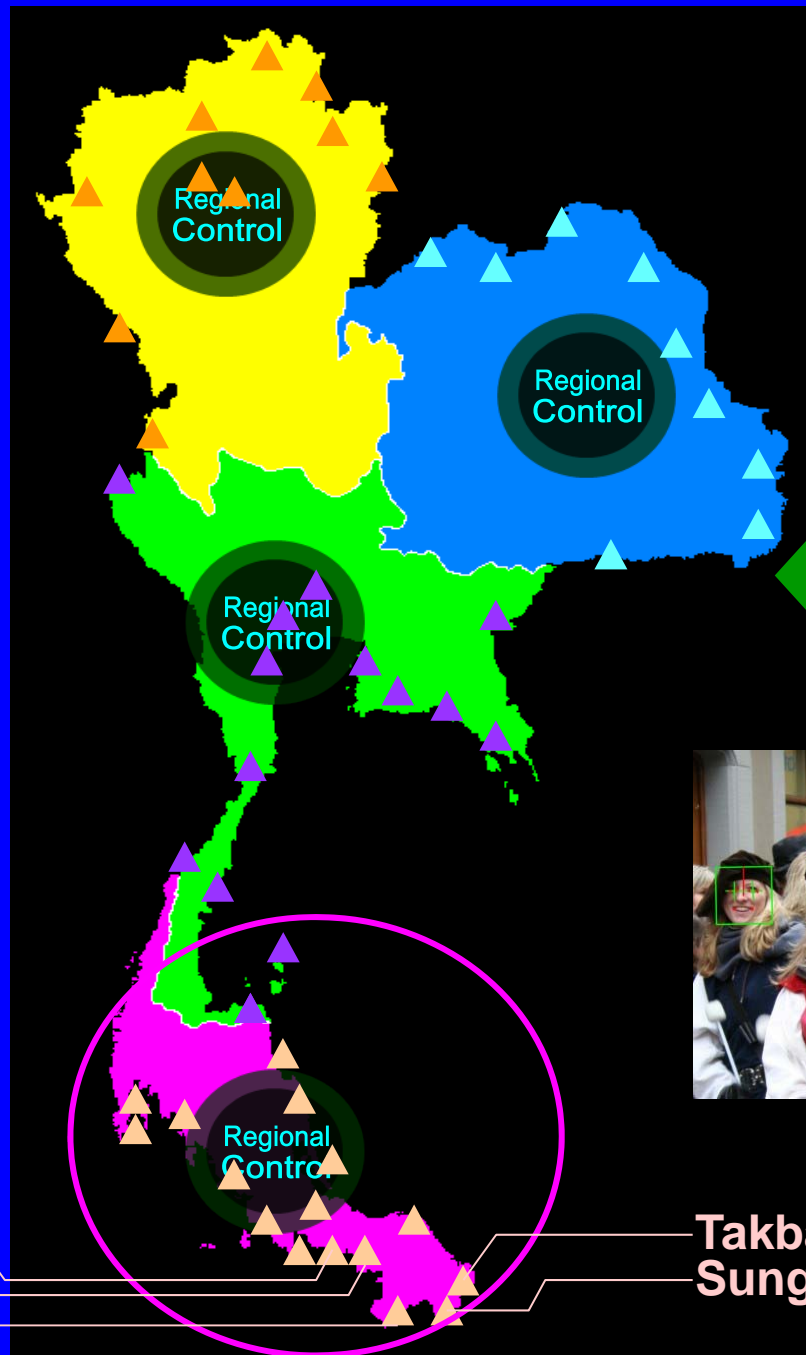
FR

Facial Recognition System



Alarm





LPR
License Plate
Recognition
System

FR
Facial
Recognition
System



Padang Besar
Sadao
Betong

Takbai
Sungai-Kolok

Key Benefits

➔ Customs Control

➔ Border Control

➔ Economy

➔ Security

➔ Transparency

Way Forward



New Development (2011)

e-Tax Incentives

e-Coasting Trade

e-Joint development Area (e-JDA)

e-Document

Customs Disaster Recovery Data Center

Enhancement (2011-2015)

e-Transit

e-Licensing (34 controlling agencies)

e-Certificate

e-Seal (RFID)

Customs Data Harmonization and Standardization

Customs Laws and Regulations

Transparency and customs control

International development (2011-2015)

Thai Customs – ASEAN Customs (ASW Pilot Project)

Thai Customs - ASEAN Customs Transit System

Thai Customs – Other Customs Administrations

Thai Customs – other agencies



Thank you

Curriculum Vitae

Name : Mr. Sinmahat Kiatjanon
Position : Director, Planning and Standard Division
Organization : The Customs Department, Ministry of Finance, Thailand
Education : Master of Science on Administration Technology from the National Institute of Development Administration (NIDA)

Job experiences

1. Establishment of Thailand National Single Window (e-Logistics System) (2008 - present)
2. Development of TOR for Thailand Nation Single Window / e-Logistics System
3. Draft National Action Plan (2011-2015) for import, export and logistics as well as international interoperability
4. Member of the Steering Committee on the NSW Development
5. Member of the National Sub-Committee on e-Logistics Development
6. Implementation of Public Key Infrastructure and Digital Signature for Thailand National Single Window (2008- present)
7. Implementation of Public Key Infrastructure and Digital Signature for e-Customs paperless services (2007-present)
8. Implementation of EDI system (EDIFACT) for Customs Administration 1998-2006
9. Development of EDI Message Implementation Guideline (1997- 2007)
10. ASEAN Activities (ASW Task Force, ASW Steering Committee, Technical Working Group, ASW Pilot Project)