REPUBLIC OF TURKEY
MINISTRY OF TRADE

Department of Risk Analysis
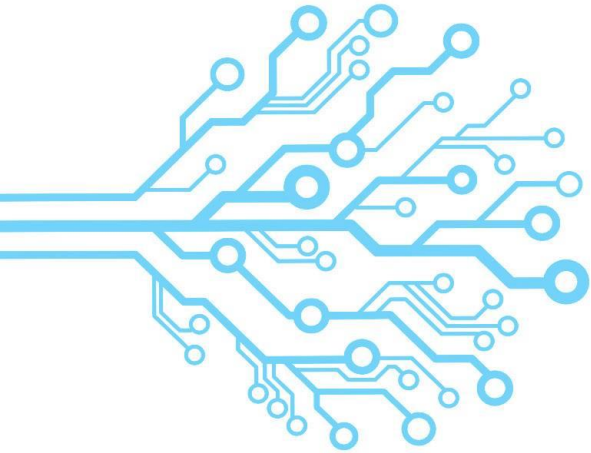
What Is Risk Management ?

Facilitating

or

Complicating

Trade?

VISION

"With the innovative approaches and implications to make our country the place where the easiest and safest trade is performed"

MISSION

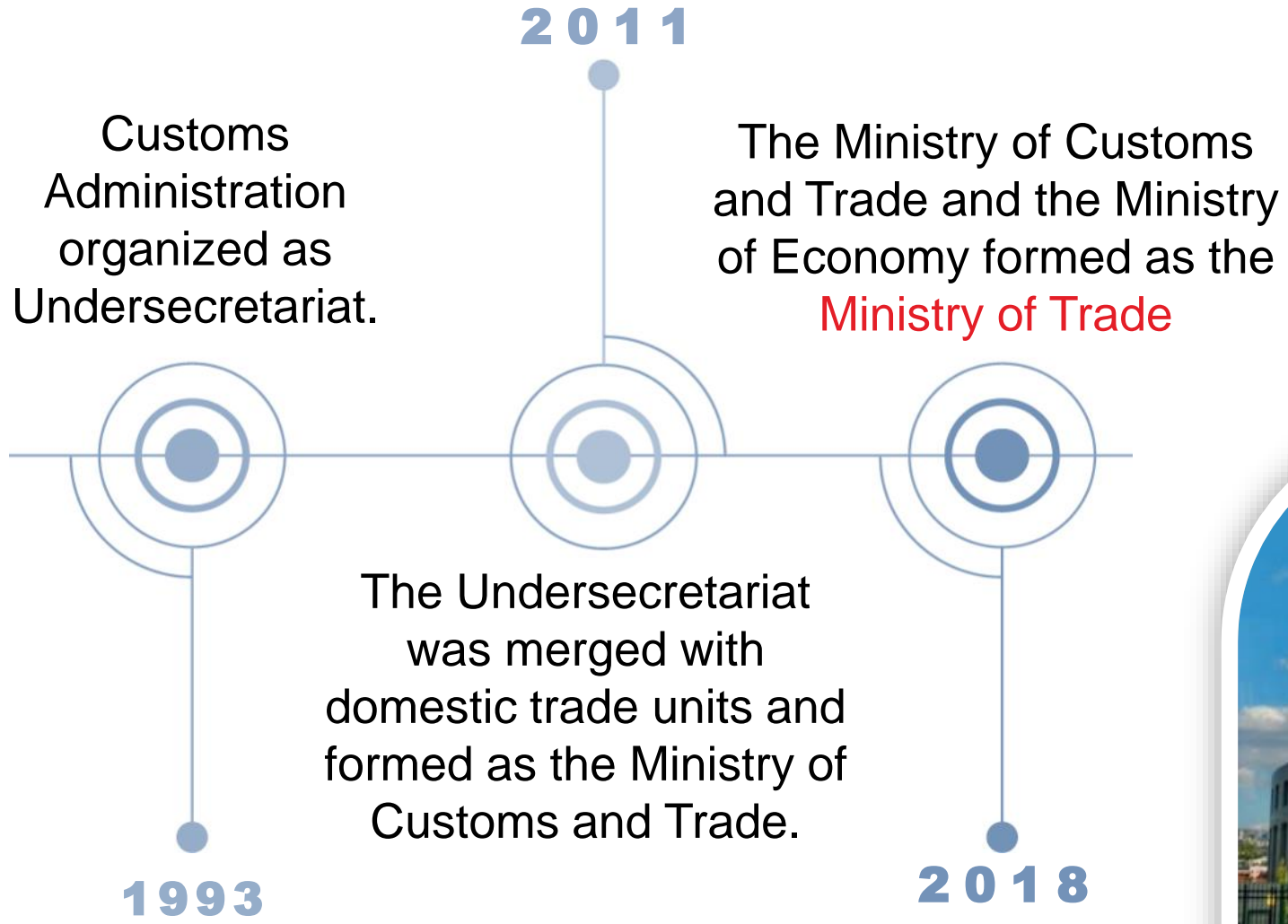*In the Customs and Trade field;*

- Promoting competitiveness, entrepreneurship and economic development
- Strengthening the organizational structures of the market actors
- Protecting producers and consumers
- Serving active, fast and human oriented

2011

Customs Administration organized as Undersecretariat.

The Ministry of Customs and Trade and the Ministry of Economy formed as the Ministry of Trade

The Undersecretariat was merged with domestic trade units and formed as the Ministry of Customs and Trade.
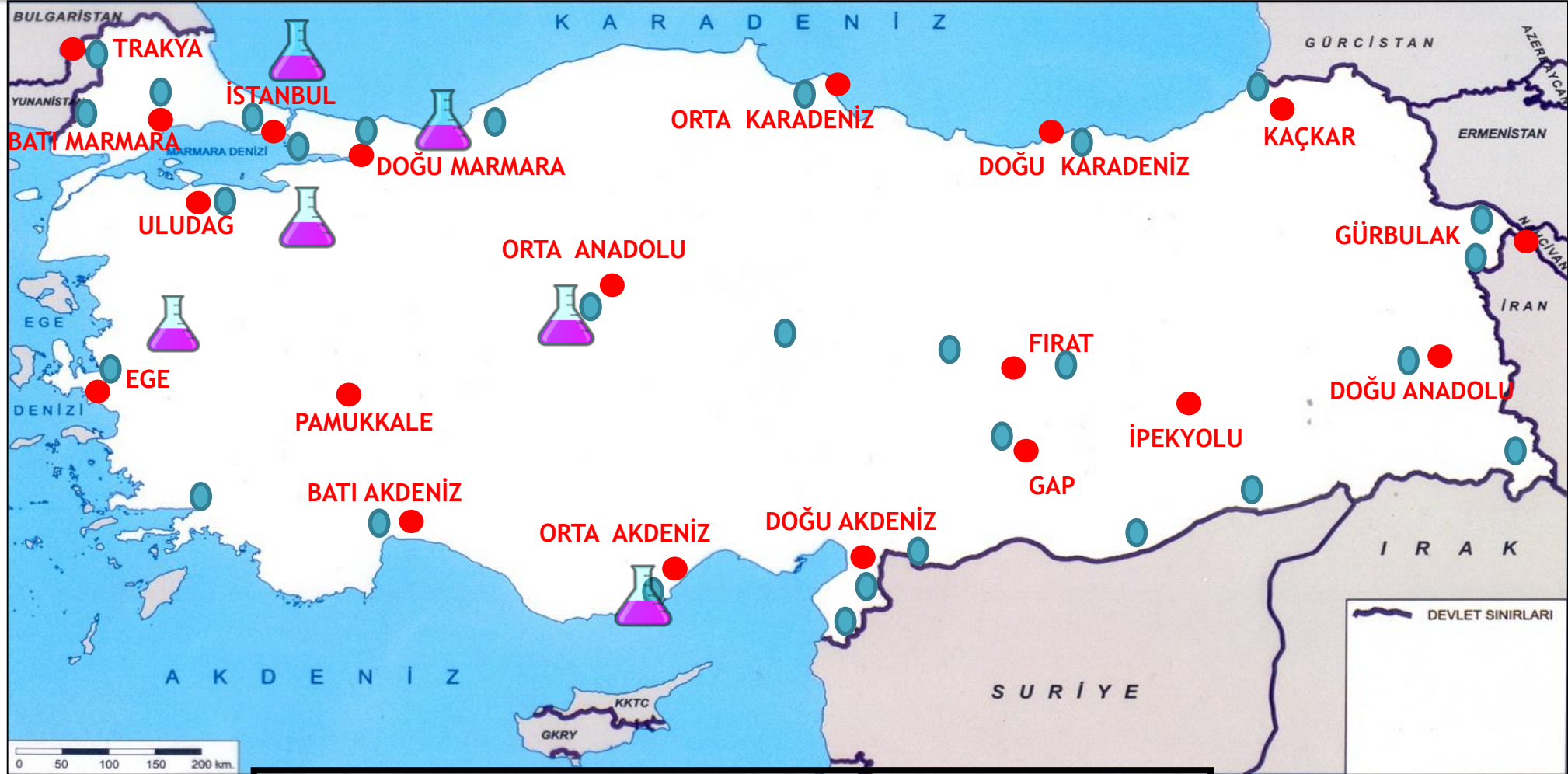
1993

2018

PROVINCIAL ORGANIZATION

➢ 19 (Active: 18) Regional Directorates,

➢ Under Regional Directorates

  • 162 Customs Offices
  • 31 Anti-Smuggling and Intelligence Units
  • 20 Liquidation Directorates
  • 6 Customs Laboratories

➢ 81 Provincial Trade Directorates

REGIONAL DIREC., LABS AND ANTI-SMUG. UNITS

- **19 Regional Directorates**
- **31 Anti-Smuggling Units**
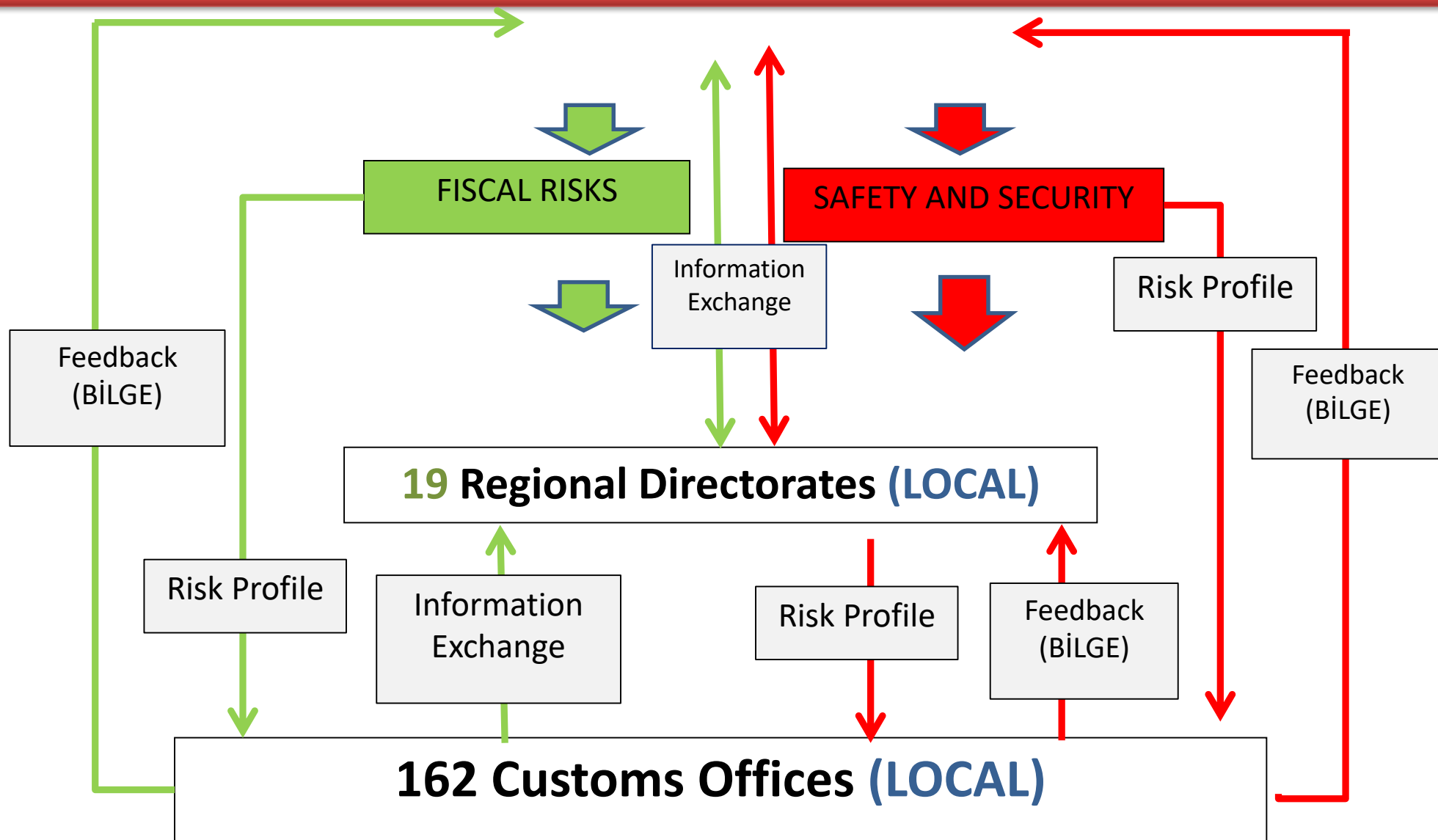- 6 Customs Laboratories

LAND BORDERS, RAILWAYS, AIRPORTS AND PORTS

30 Land Border Gates

8 Railway Border

63 Airports

100 Ports

RİSK ANALYSİS WORKFLOW

FISCAL RISKS

SAFETY AND SECURITY

Information Exchange

Risk Profile

Feedback (BİLGE)

Feedback (BİLGE)

19 Regional Directorates (LOCAL)

Risk Profile

Information Exchange

Risk Profile

Feedback (BİLGE)

162 Customs Offices (LOCAL)

Feedback Mechanism and KDS (Customs Data Warehouse)

Risk Analysis Program - RİSK PROFILES

Pre-Arrival Summary Declaration

Detailed Declaration

NCTS Declaration

TIR/Transit Tracking Program

Electronic Trade Customs Declaration

Land Border Gates Program

KDS Smuggling Information Database

Turkish Customs Policy: Facilitating legal trade and preventing illegal trade

Risk Analysis is carried out on the basis of **both;**

Fiscal Purposes
(Such as Tariff Misleading, Origin Misleading, Fine Decisions, Smuggling Information Database etc.)

Safety and Security Purposes (Pre-arrival Summary Declaration, TIR/Transit Tracking Program, Land Border Gates Program)

In order to identify risks, Department of Risk Analysis uses the data gathered from;

IDENTIFYING RISKS

Software and Databases Used By Ministry of Trade Such as BILGE (Central Customs Computerized System), GUVAS (Customs Data Warehouse), Smuggling Information Database etc.)

Risk Information Forms (Sent by Local Customs Administrations and other relevant units of the Ministry)

International Institutions (Such as UN Security Council, UN Office on Drugs and Crime, Southeast European Cooperative Initiative (SECI) etc.)
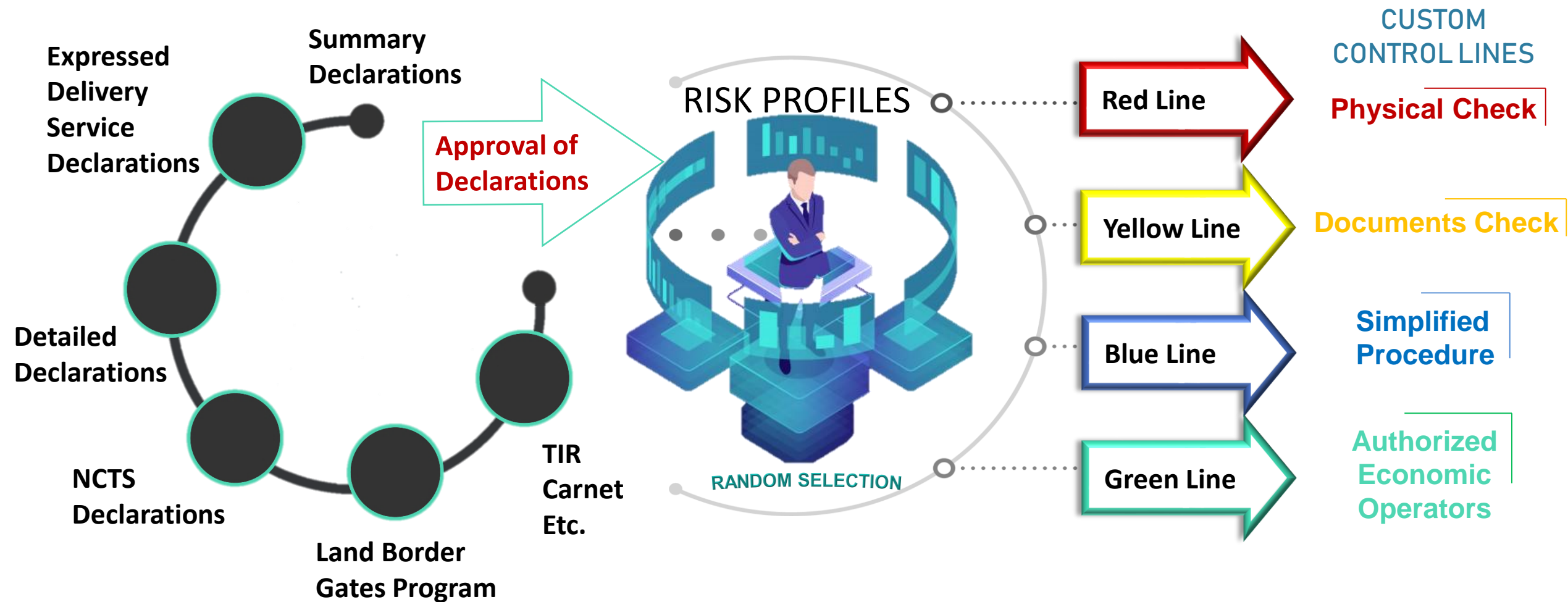
Other Governmental Institutions (Such as Ministry of Finance etc.)

THE PROCESS OF COMPUTERISED RISK TARGETING

Expressed Delivery Service Declarations

Summary Declarations

Detailed Declarations

NCTS Declarations

Land Border Gates Program

TIR Carnet Etc.

Approval of Declarations

RISK PROFILES

RANDOM SELECTION

CUSTOM CONTROL LINES

Red Line — **Physical Check**

Yellow Line — **Documents Check**

Blue Line — **Simplified Procedure**

Green Line — **Authorized Economic Operators**

Risk Analysis Program
(Integrated with all the modules to fill out declarations)

Risk profiles consist of the combination of risk indicators

Description of Goods + Consignor + Consignee

For example

Tariff Code of Goods + Shipper + Origin

As of 2019, there are more than 1.000 risk profiles embedded in the system

Message Program

Message seen by Customs Inspector doing physical or documentary check
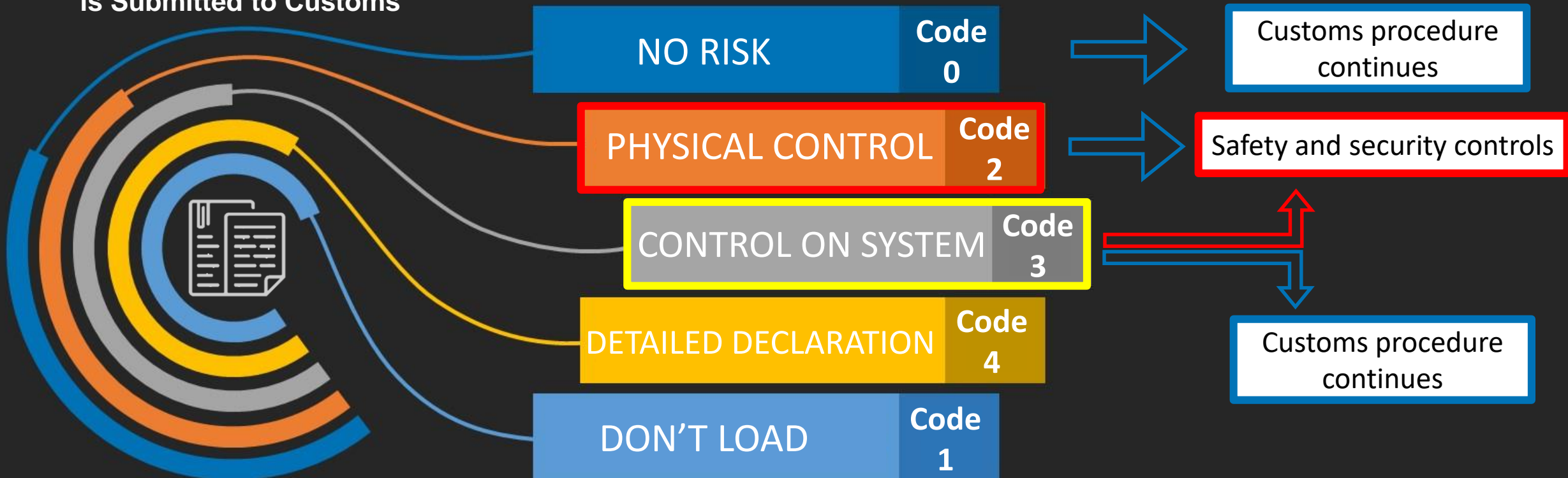
For example

"Be aware of dual-use goods. Refer to the relevant licensing Agency (Ministry of Economy, Ministry of National Defense or Turkish Atomic Energy Authority)"

Pre-Arrival Summary Declaration

**Pre-Arrival Summary Declaration
is Submitted to Customs**

NO RISK — **Code 0** → Customs procedure continues

PHYSICAL CONTROL — **Code 2** → Safety and security controls

CONTROL ON SYSTEM — **Code 3**

DETAILED DECLARATION — **Code 4** → Customs procedure continues

DON'T LOAD — **Code 1**

Detailed Declaration (Items Screenshot)

Land Border Gates Program

TIR/Transit Tracking Program

No.1 Vehicle Tracking Program

No.2 Vehicle Tracking Program

Land Border Gates Program
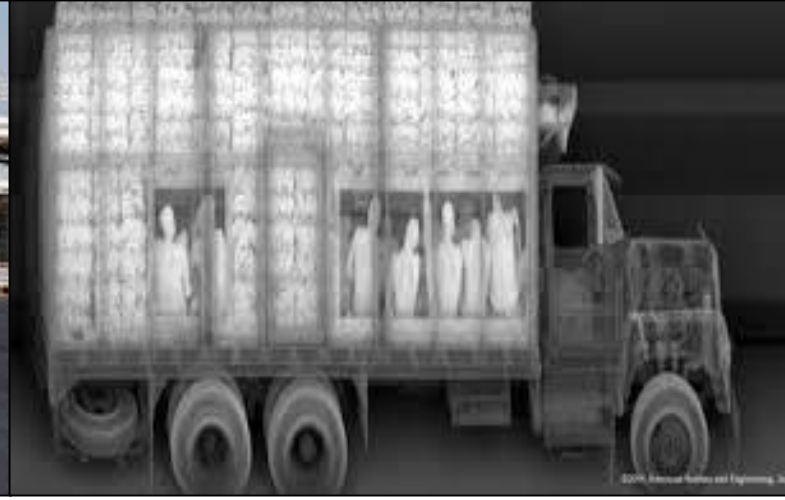
❖Risk analysis is carried out at the central and local level for safety and security purposes with the interface of the **Land Border Gates Program** regarding the elements entering or exiting the country (company-vehicle-driver) from the Land and Sea (Ro-Ro) Border Gates.
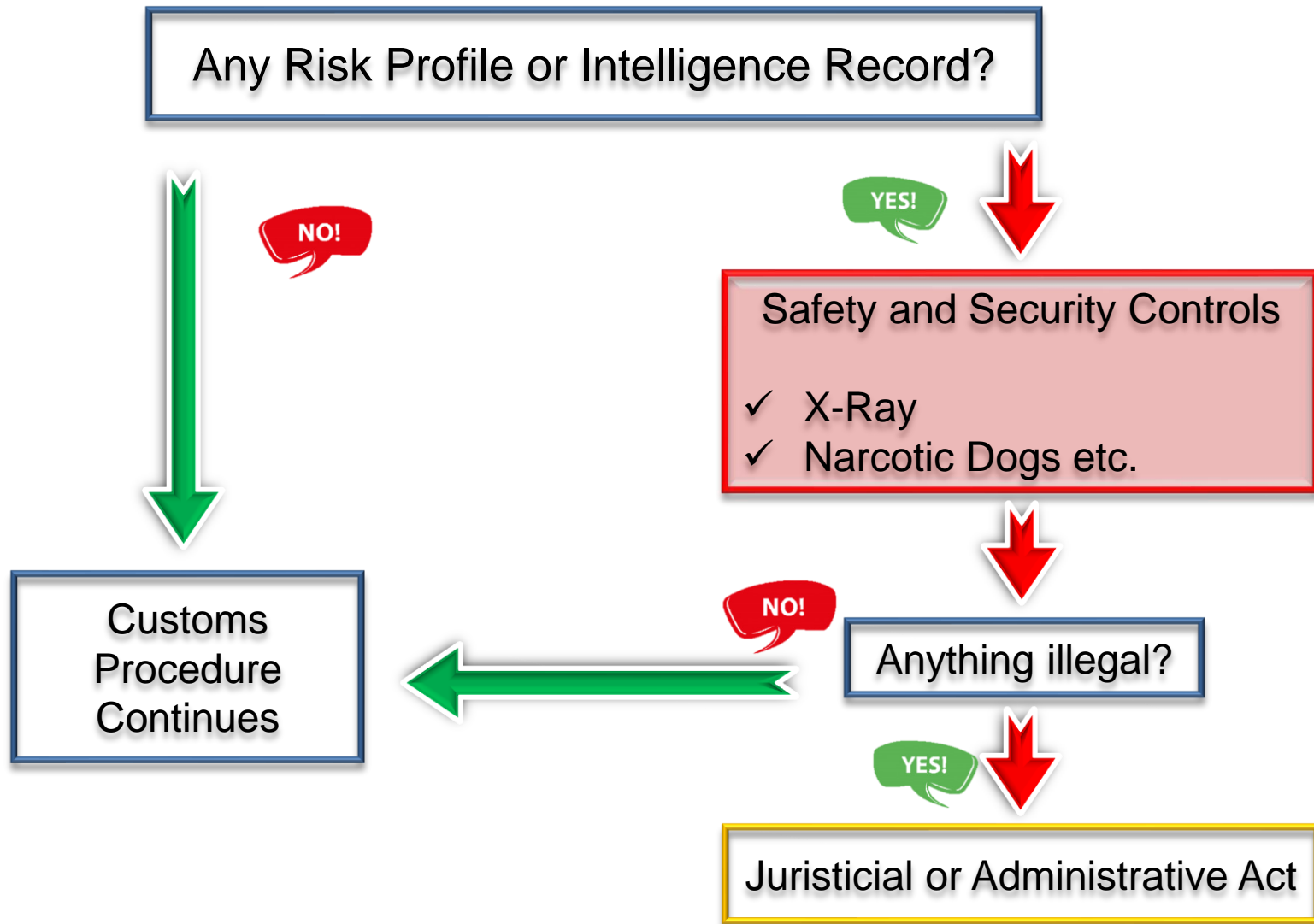
❖In risk analysis; *empty-full, use of risky routes, transit transactions between the eastern and western gates (use of our country as the transit route), anti-smuggling databank records, number of transactions (such as the first transaction), gate/driver/firm changes, the risk status of goods etc.* taken into consideration.

❖Risk analysis for Land Bordergates also includes transports within the scope of **TIR Carnets** and **NCTS Declarations.**

Land Border Gates Program

Any Risk Profile or Intelligence Record?

NO!

YES!

Safety and Security Controls

✓ X-Ray
✓ Narcotic Dogs etc.

Customs Procedure Continues

NO!

Anything illegal?

YES!

Juristicial or Administrative Act

Land Border Gates Program

Workflow of Risk Analysis on TIR Carnet Entry Process

TIR CARNET V1 PAGE → CUSTOMS OFFICE OF DEPARTURE → CENTRAL RISK PROFILES / LOCAL RISK ANALYSIS → CONTROL LINES → YELLOW LINE (DOCUMENTARY CONTROL) / RED LINE (PHYSICAL&DOCUMENTARY CONTROL)
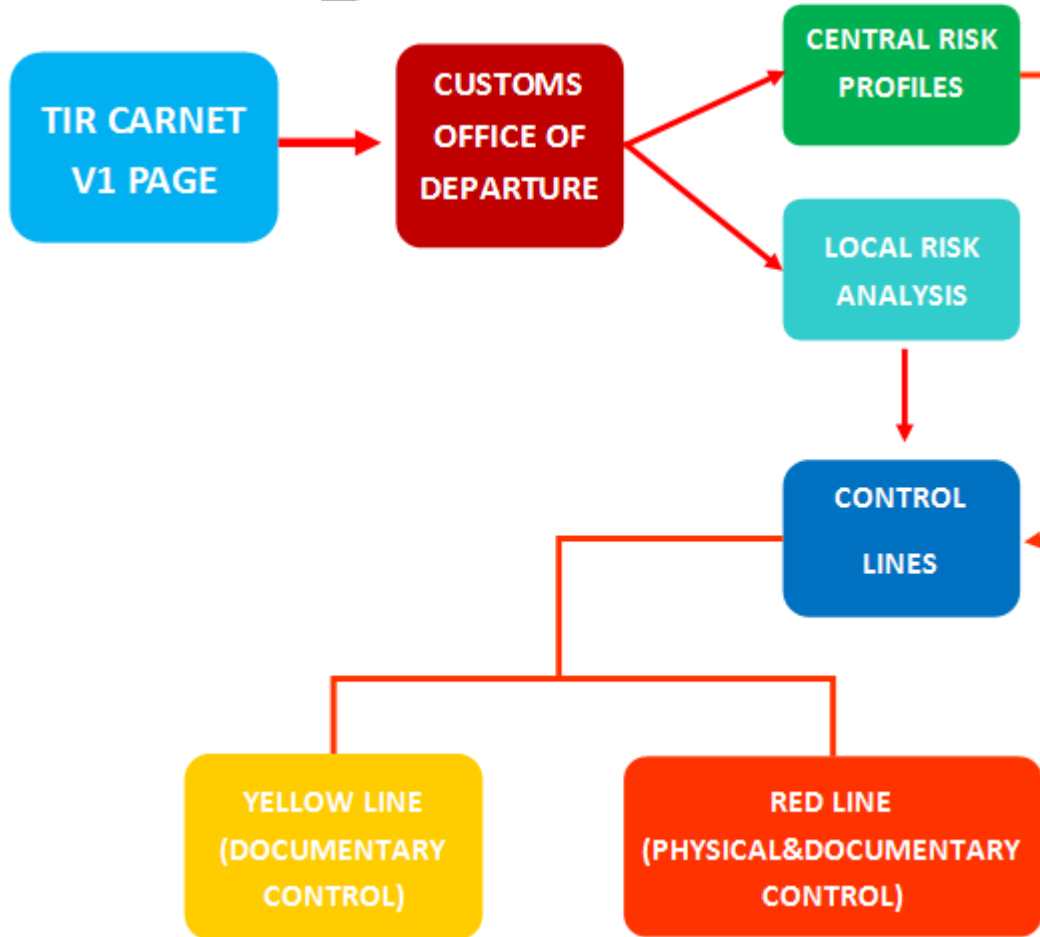
Workflow of Risk Analysis on TIR Carnet Exit Process

TIR CARNET V2 PAGE → CUSTOMS OFFICE OF ARRIVAL → CENTRAL RISK PROFILES / LOCAL RISK ANALYSIS → CONTROL LINES → YELLOW LINE (DOCUMENTARY CONTROL) / RED LINE (PHYSICAL&DOCUMENTARY CONTROL)
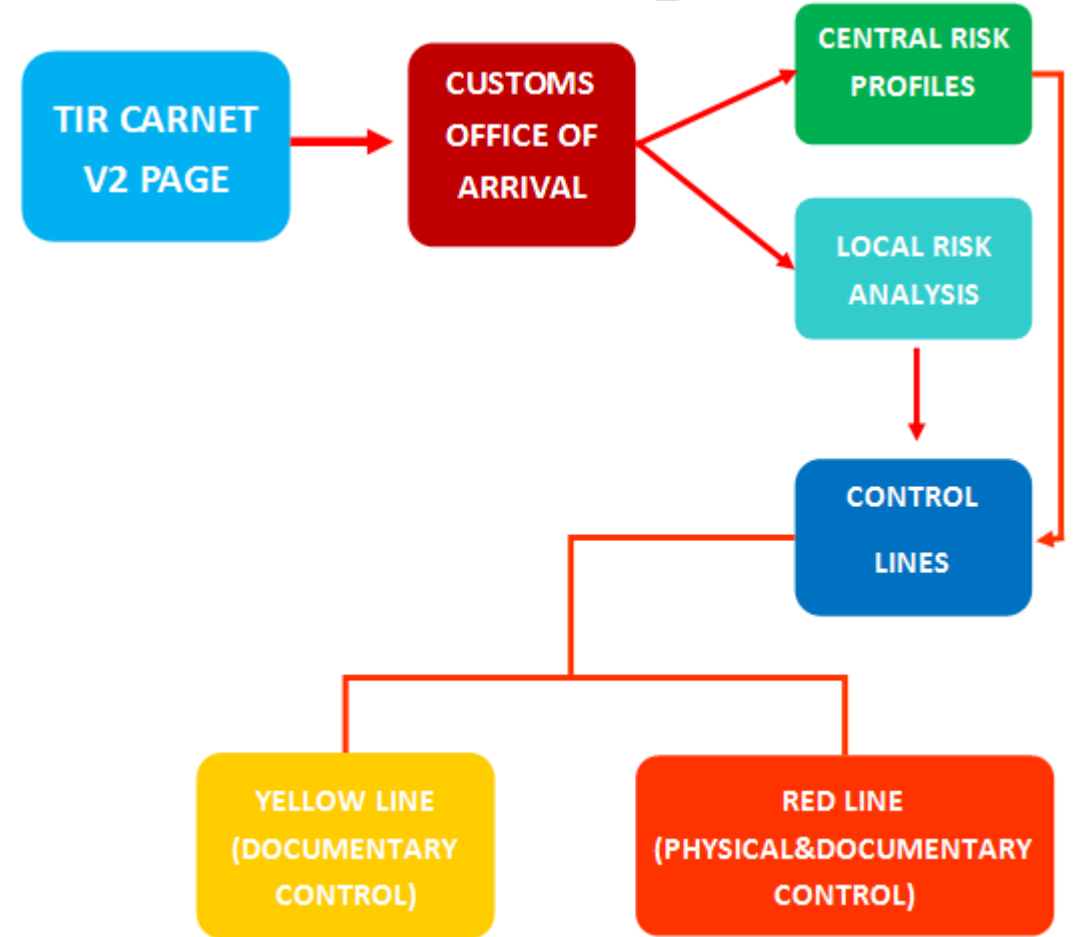
Workflow of NCTS Risk Analysis
International Arrivals
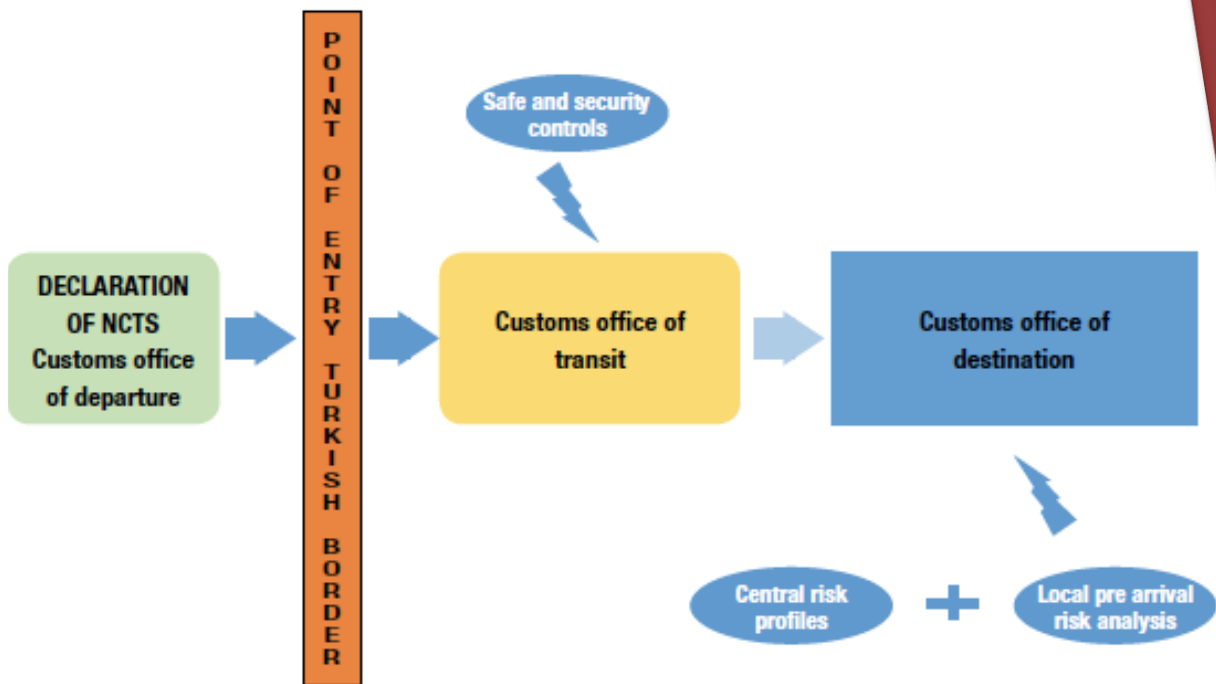
Workflow of NCTS Risk Analysis
International Departures

Data Quality

Text Mining

Dashboards, Inquiry And Reports
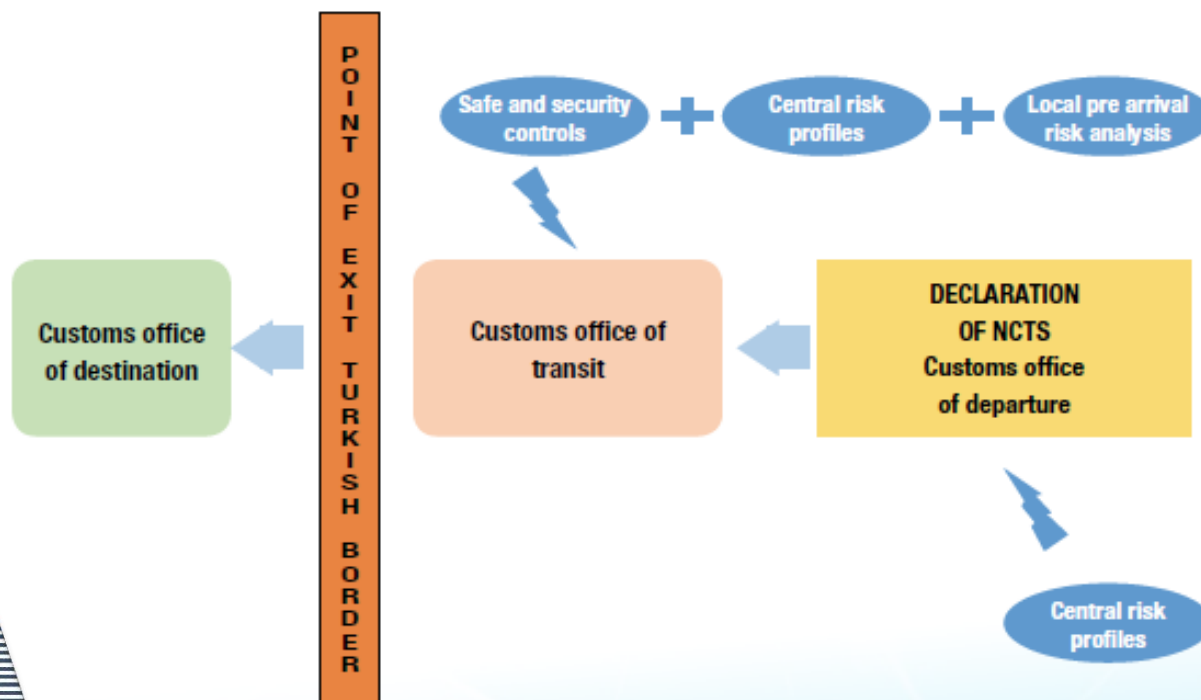
Ministry of Trade has been seeking to strengthen its risk management and analysis system which it established in 2008 with a view to making its Customs control operations at sea ports, airports, land borders and inland more effective.

PROJECT OF
INTEGRATED DATA ANALYTICS
(DATA MINING)

Rule Engine

Social Network Analysis

Real Time Analytics

In addition to Data Mining tools, the Project has six more components.
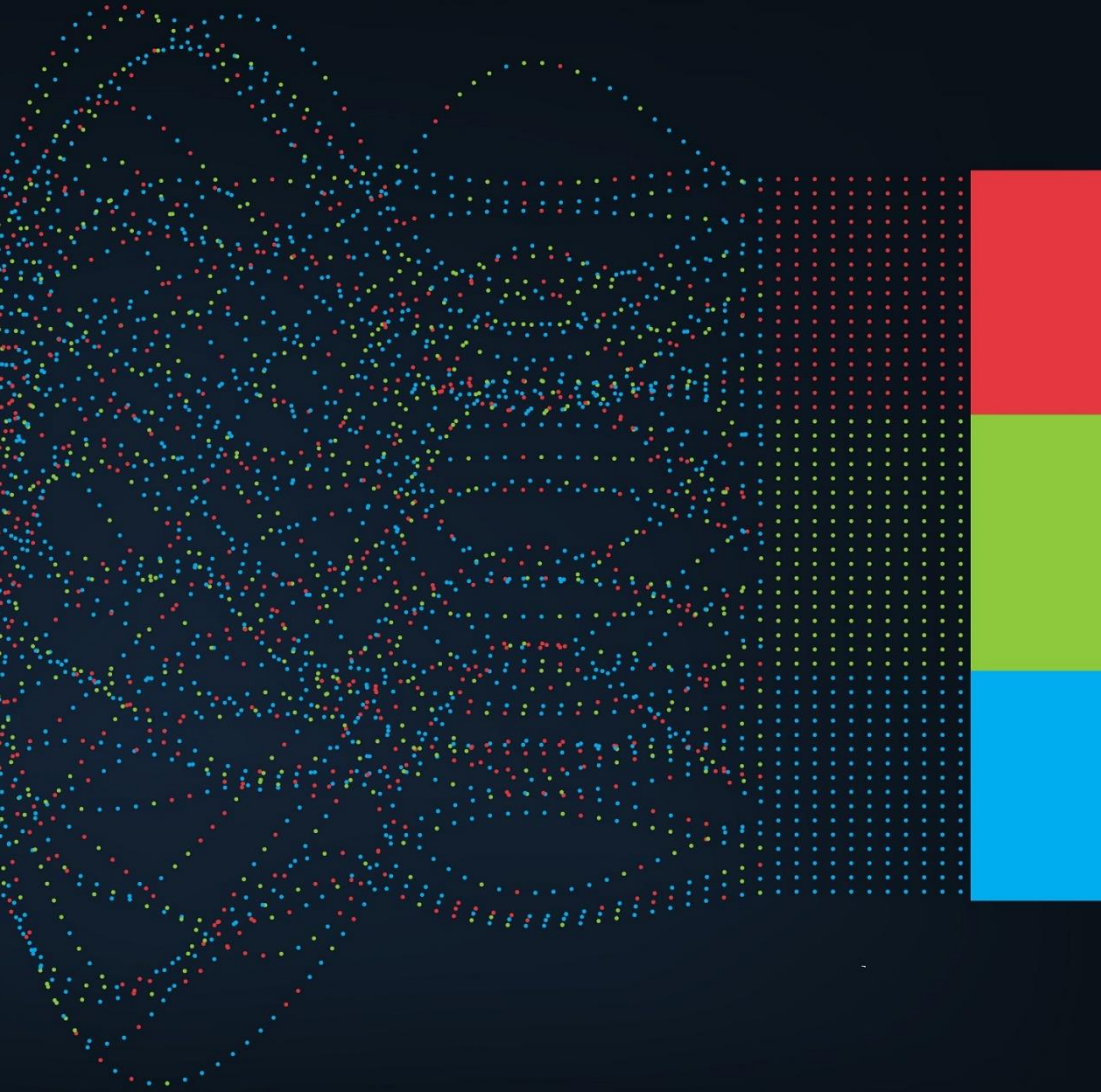
There will be fundamental contributions of Data Mining Project to TCA's risk analysis system. The whole Project was planned in line with these contributions. The expected contributions are as below:

- ✓ Simultaneous access to data from different sources
- ✓ Ensuring the effective use of risk scoring systems
- ✓ Increasing selectivity in risk analysis by analyzing high-scale data
- ✓ Focusing on more risky areas in real time
- ✓ Use of advanced techniques such as modeling and reporting with statistical methods and algorithms in Risk Analysis studies

As a result of the project, significant changes are expected in the current risk analysis system.
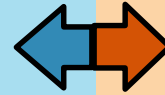
Current Risk Analysis System	Risk Analysis System Powered by Data Mining
✓ Rule Based & Static Risk Profiles	✓ Rule Based, Static and Dynamic Risk Profiles, Analytical Models
✓ Ratio and Time Based Targeting (General)	✓ Ratio, Time and Number Based Targeting (Both General and Specific), Real Time Scoring
✓ Classical Methods & Tools Used in Analysis Processes	✓ Faster Analytical Analysis Process than Classical Methods & Tools
✓ Process of Analysis that Requires Intensive Time and Labor (Data Quality, Data Integration, etc.)	✓ Effective analysis of Large Scale Data
✓ Systematic Constraints in Data Analysis and Small Scale Data Analysis	✓ Advanced Statistical Methods, Machine Learning etc.

Significant Seizures

Item No	Date	Customs	Assigning Unit	Module	Contraband	Quantity
1	29.12.2012	İpsala	DG of RM	Land Borders	HEROIN	165 kg
2	26.01.2013	Kapıkule Tır	DG of RM	Land Borders	HEROIN	52 kg
3	01.06.2013	İpsala	Trakya Department of Risk Analysis	Land Borders	HEROIN	15 kg
4	10.06.2013	Kapıkule Tır	DG of RM	Land Borders	EXTACY	85 kg
5	29.08.2013	Kapıkule Tır	DG of RM	Land Borders	HEROIN	100 kg
6	02.01.2014	Ambarlı	İstanbul Department of Risk Analysis	Summary Declaration	CIGARETTE	1.300.000 packages
7	21.03.2014	Hamzabeyli	Trakya Department of Risk AnalysiS	Summary Declaration	EXTACY	29 kg
8	12.05.2014	Mersin	DG of RM	Detailed Declaration	CIGARETTE	2.317.000 packages
9	29.05.2014	Ambarlı	DG of RM	Detailed Declaration	CIGARETTE	206.500 packages
10	30.05.2014	Pazarkule	DG of RM	Land Borders	HEROIN	20,8 kg
11	19.08.2014	Kapıkule Yolcu	DG of RM	Land Borders	HEROIN	20,8 kg
12	28.08.2014	Hamzabeyli	DG of RM	Land Borders	HEROIN	24 kg
13	17.10.2014	Kapıkule Tır	DG of RM	TIR/Transit	HEROIN	52,5 kg
14	18.10.2014	Kapıkule Tır	DG of RM	TIR/Transit	HEROIN	192,5 kg
15	17.01.2015	Hamzabeyli	Trakya Department of Risk Analysis	Land Borders	HEROIN	19,9 kg
16	22.02.2015	İpsala	Trakya Department of Risk Analysis	Land Borders	EXTACY	18.340 units

Significant Seizures

Item No	Date	Customs	Assigning Unit	Module	Contraband	Quantity
17	18.03.2015	Hamzabeyli	Trakya Department of Risk Analysis	Land Borders	HEROIN	122,7 kg
18	29.03.2015	Mersin	DG of RM	Summary Declaration	SYNTHETIC DRUG	103,3 kg
19	23.10.2015	Gürbulak	Gürbulak Department of Risk Analysis	Land Borders	AFYON SAKIZI	123,9 kg
20	09.03.2016	Kapıkule	Trakya Department of Risk Analysis	Land Borders	EXTACY	32,9 kg
21	28.03.2016	İpsala	DG of RM	Land Borders	HEROIN	34,8 kg
22	06.05.2016	İpsala	Trakya Department of Risk Analysis	Land Borders	MARIJUANA	70,2 kg
23	28.12.2016	Kapıkule	DG of RM	TIR/Transit	MARIJUANA	93,8 kg
24	28.12.2016	AHL Kargo Salonu	İstanbul Department of Risk Analysis	Summary Declaration	ELECTRONIC CIGARETTE	10.561 units
25	08.02.2017	Gürbulak	Gürbulak Department of Risk Analysis	Land Borders	HEROIN	153,5 kg
26	09.02.2017	İpsala	Trakya Department of Risk Analysis	Land Borders	MARIJUANA	298,6 kg
27	16.02.2017	Ambarlı	DG of RM	Summary Declaration	COCAINE	62 kg
28	22.02.2017	İskenderun	Doğu Akdeniz Department of Risk Analysis	Summary Declaration	AMPHETAMINE	13,4 kg
29	20.03.2017	Ambarlı	İstanbul Department of Risk Analysis	Summary Declaration	CIGARETTE	1.090.000 packages
30	01.05.2017	Hamzabeyli	Trakya Department of Risk Analysis	Land Borders	HEROIN	771 kg
31	03.08.2017	Mersin	DG of RM	Summary Declaration	COCAINE	122,7 kg
32	05.05.2018	Ambarlı	DG of RM	Summary Declaration	COCAINE	122,7 kg

Significant Seizures

Date: 27.04.2017

Location: Edirne – Hamzabeyli Bordergate

Trakya Risk Analysis Local Unit directed a TIR to X-ray scanning on Land Border gates Programme which is coming from Iran and destined to Bulgaria. TIR Carnet is directed to physical check with the explanation of "Risk of drug smuggling in freight" as a result of central and local risk profile. Goods are declared as 15 palette of Polyvinyl chloride (PVC).

Seized Goods: Total 775 kg of heroin is seized of which has a market value of 57 million TL. (The Highest Quantity of heroin seized in Turkish Customs at one time)

Significant Seizures

Date: 03.08.2017

Location: Mersin Port
Summary declaration of a container coming from Equator with legal freight of banana is directed to physical check (Code 2/X-Ray) as a result of central risk analysis profile.

Control Type: Physical check with the explanation of "Risk of drug smuggling in freight". Goods are declared as 15 palette of Polyvinyl chloride (PVC).

Seized Goods: As a result of X-Ray scanning, density difference in the ceiling part of the container was determined. After container is physically checked with detector dog by Mersin Anti-Smuggling and Intelligence Directorate, cocaine which has a total weight of 122.685.69 grams seized in 102 packages with a market value of approximately 24.537.000 TL.

Significant Seizures

Date: 27.10.2018
Location: Habur Bordergate

Central Risk Analysis Department's risk profile directed a private car to physical check on Land Bordergates Programme which is leaving the country and destined to Iraq.

Seized Goods: As a result of X-Ray scanning and physical check, *1 million 500 thousand dollars* seized in two big baklava boxes.

Significant Seizures

Date: 25.04.2019
Location: Haydarpaşa Port

Haydarpaşa Local Risk Analysis Unit directed Summary Declaration of a container coming from Greece with legal freight of polyethyelene granules to physical check (Code 2/X-Ray)

Seized Goods: As a result of X-Ray scanning, 411,000 (four hundred and one thousand) packets of cigarettes were caught in the container.

Significant Seizures

Date: 19.07.2019
Location: Istanbul Airport

Legal freight declared as 'Simple Processed Bone (Multipurpose Product)' which is transit goods leaving the country directed to physical check as a result of risk analysis.

Seized Goods: Shells belong to "PANGOLIN" type animals in the list of ANNEX-1 within the scope of CITES

http://www.comcec.org/en/wp-content/uploads/2018/11/34-IS-TUR.pdf

THANK YOU
FOR
YOUR ATTENTION