REPUBLIC OF TURKEY
MINISTRY OF TRADE

Department of Risk Analysis
What Is Risk Management?

Facilitating or Complicating Trade?
“With the innovative approaches and implications to make our country the place where the easiest and safest trade is performed”

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
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.
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
MINISTRY OF TRADE

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
MINISTRY OF TRADE
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:

- 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
- Approval of Declarations
- Detailed Declarations
- NCTS Declarations
- Land Border Gates Program
- TIR Carnet Etc.
- RISK PROFILES
  - Red Line
  - Yellow Line
  - Blue Line
  - Green Line

CUSTOM CONTROL LINES
- Physical Check
- Documents Check
- Simplified Procedure
- Authorized Economic Operators

Department of Risk Analysis
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
- 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

- **DON’T LOAD**
  - Code 1

  - Customs procedure continues
Detailed Declaration (Items Screenshot)
Land Border Gates Program

TIR/Transit Tracking Program

No.1 Vehicle Tracking Program

No.2 Vehicle Tracking 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.
Any Risk Profile or Intelligence Record?

Safety and Security Controls
- X-Ray
- Narcotic Dogs etc.

Anything illegal?

Jurisdictional or Administrative Act

Customs Procedure Continues

Land Border Gates Program
### SAHADAKİ ARAÇLARIN ANALİZ EKRANI

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#### Temizle (F1)

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#### Department of Risk Analysis

### Land Border Gates Program

#### Sahadaki Araçlar Listesi - Son 5 Gün

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#### Kontrole Sevk Edilmiş
Workflow of Risk Analysis on TIR Carnet

**Entry Process**

1. **TIR CARNET V1 PAGE**
2. **CUSTOMS OFFICE OF DEPARTURE**
3. **CENTRAL RISK PROFILES**
4. **LOCAL RISK ANALYSIS**
5. **CONTROL LINES**
6. **YELLOW LINE (DOCUMENTARY CONTROL)**
7. **RED LINE (PHYSICAL&DOCUMENTARY CONTROL)**

**Exit Process**

1. **TIR CARNET V2 PAGE**
2. **CUSTOMS OFFICE OF ARRIVAL**
3. **CENTRAL RISK PROFILES**
4. **LOCAL RISK ANALYSIS**
5. **CONTROL LINES**
6. **YELLOW LINE (DOCUMENTARY CONTROL)**
7. **RED LINE (PHYSICAL&DOCUMENTARY CONTROL)**
Workflow of NCTS Risk Analysis

**International Arrivals**

1. Declaration of NCTS (Customs office of departure)
2. Safe and security controls
3. Customs office of transit
4. Central risk profiles + Local pre arrival risk analysis
5. Customs office of destination

**International Departures**

1. Declaration of NCTS (Customs office of departure)
2. Safe and security controls
3. Central risk profiles
4. Local pre arrival risk analysis
5. Customs office of transit
6. Customs office of destination
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.

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**
- Rule Based & Static Risk Profiles
- Ratio and Time Based Targeting (General)
- Classical Methods & Tools Used in Analysis Processes
- Process of Analysis that Requires Intensive Time and Labor (Data Quality, Data Integration, etc.)
- Systematic Constraints in Data Analysis and Small Scale Data Analysis

**Risk Analysis System Powered by Data Mining**
- Rule Based, Static and Dynamic Risk Profiles, Analytical Models
- Ratio, Time and Number Based Targeting (Both General and Specific), Real Time Scoring
- Faster Analytical Analysis Process than Classical Methods & Tools
- Effective analysis of Large Scale Data
- Advanced Statistical Methods, Machine Learning etc.
## Significant Seizures

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<tr>
<th>Item No</th>
<th>Date</th>
<th>Customs</th>
<th>Assigning Unit</th>
<th>Module</th>
<th>Contraband</th>
<th>Quantity</th>
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## Significant Seizures

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**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.
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.
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 polyethylene 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.
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
THANK YOU FOR YOUR ATTENTION