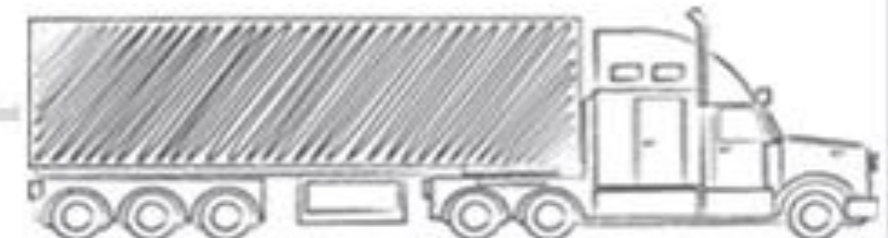# DIGITAL TACHOGRAPH SYSTEM (DTS) IN TURKEY & DATA ANALYSIS PROJECT

Öznur YILMAZ

24.10.2016

TURKISH DIGITAL TACHOGRAPH SYSTEM

The National Authority (TR-A)

Ministry of Transport, Maritime Affairs and Communications

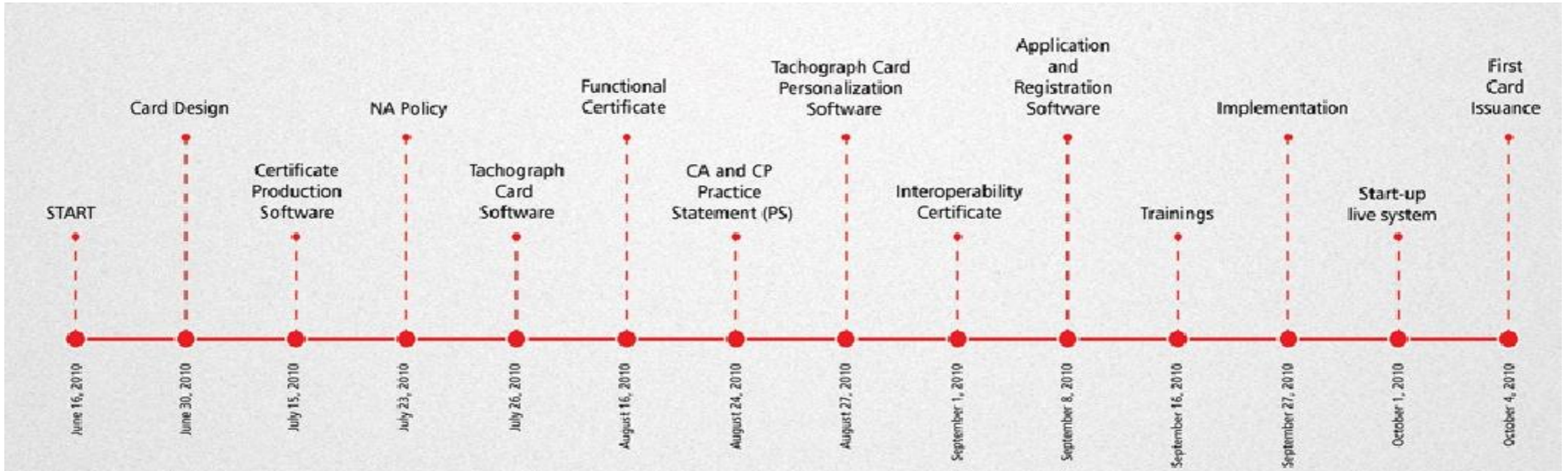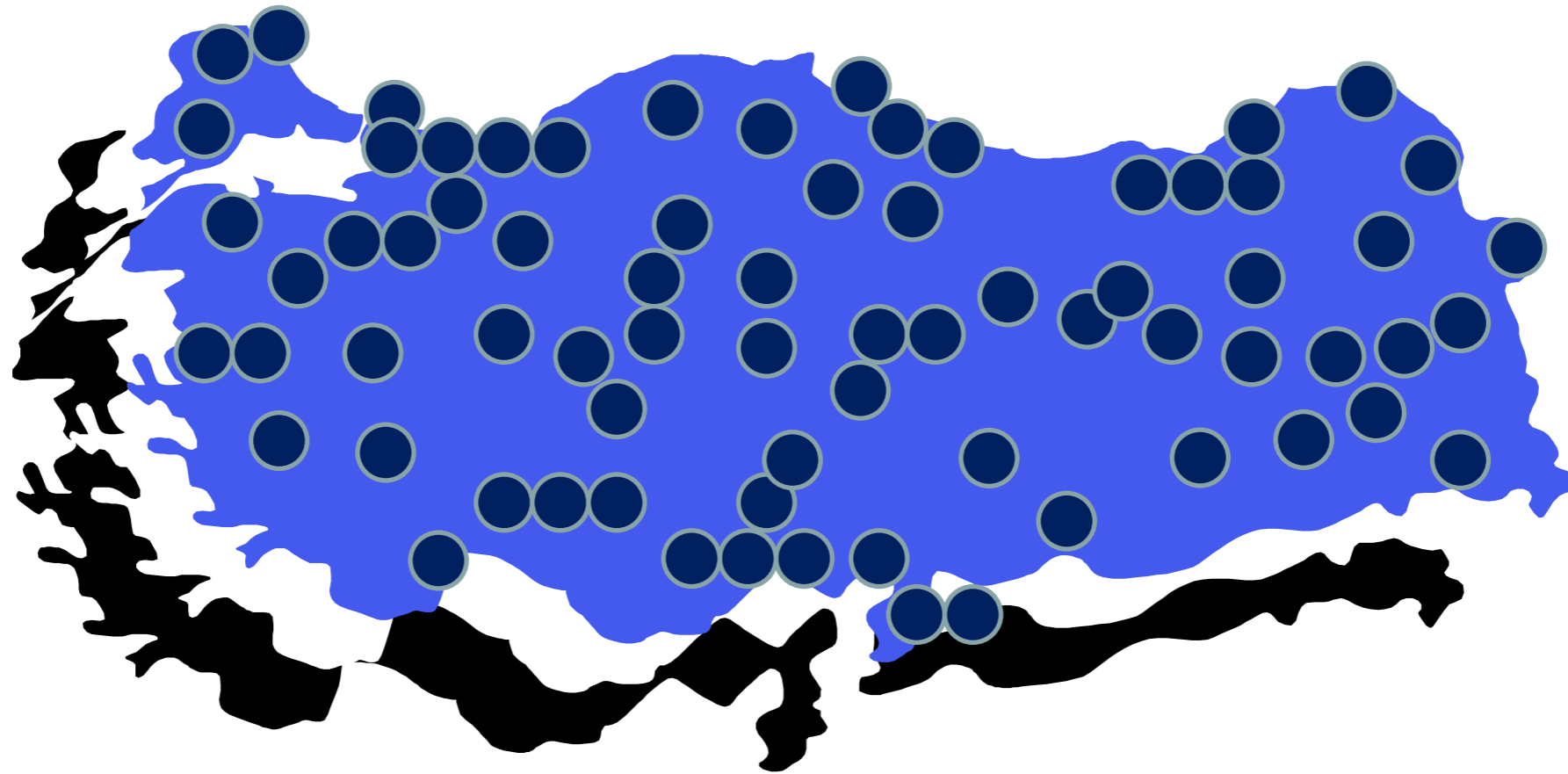| Certification Authority	Card Personalizing Authority	Card Issuing Authority
(TR-CA) **TOBB**	**(TR-CP)** **TOBB**	**(TR-CIA)** **TOBB**

TURKISH DIGITAL TACHOGRAPH SYSTEM

- The Turkish Digital Tachograph System (DTS) is active since October 1, 2010.

- The Turkish DTS was established in such a remarkable and record-breaking duration within 5 (five) months.

72 Designated Chambers of Commerce and/or Industry

TURKISH DIGITAL TACHOGRAPH SYSTEM

Certificate production and card personalization services are performed at the Digital Tachograph Research and Application Center (STAUM) under TOBB.
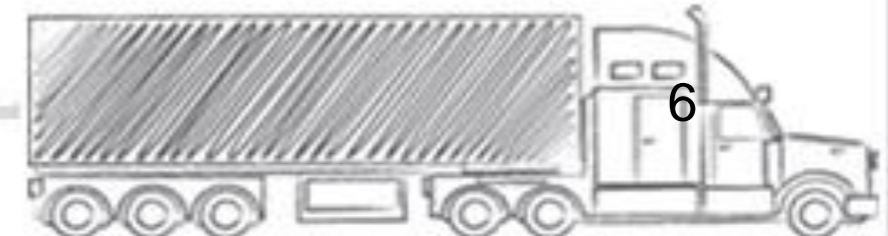
TURKISH DIGITAL TACHOGRAPH SYSTEM

pre-application

Application through the Chambers of Commerce and/or Industry appointed by TOBB and submission of the required documents.

STAUM

DIGITAL TACHOGRAPH CARD WORKFLOWS

Software Development

- TR Identity Number Query Integration
- Driver Inquiry Integration
- Bank Integration

Software Development

- Registration Authority (RA) Module
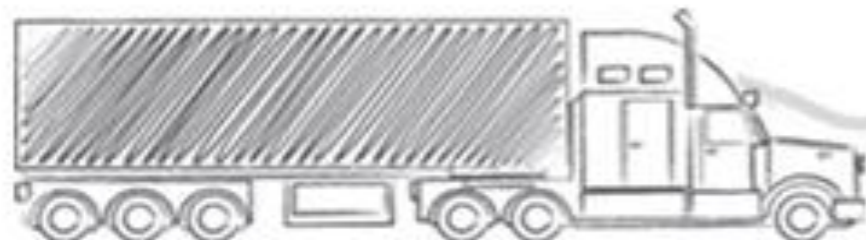- Off-line Card Personalization Module

Tachograph Card Issuance & Delivery

STAUM

Tachograph Card Application & Registration

Tachograph Card Renewal

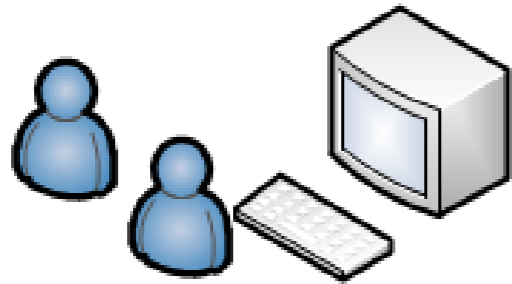**Tachograph Card Invalidation (i.e lost, stolen, malfunctioning)**

TURKISH DIGITAL TACHOGRAPH SYSTEM

Designated Chambers of Commerce and/or Industry in Turkey

STAUM

Digital Tachograph Research and Application Center

- Local card applications and approval of applications

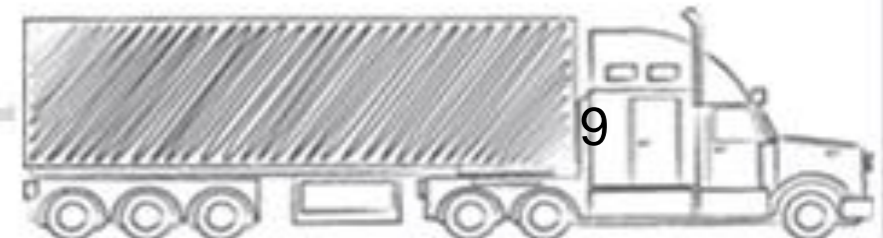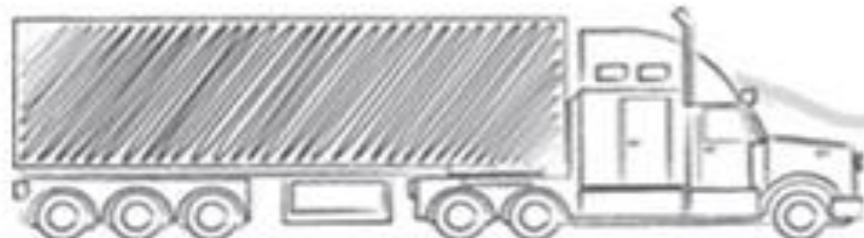- Delivery of issued cards to subscribers

- Tachograph certificate production

- Electronic card personalization

- Physical card personalization

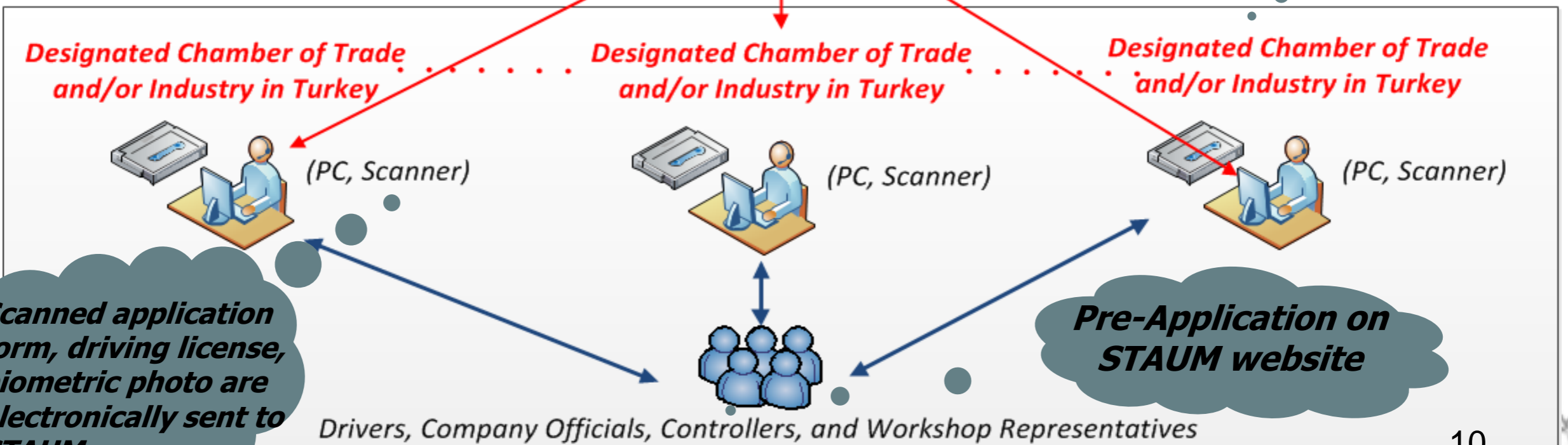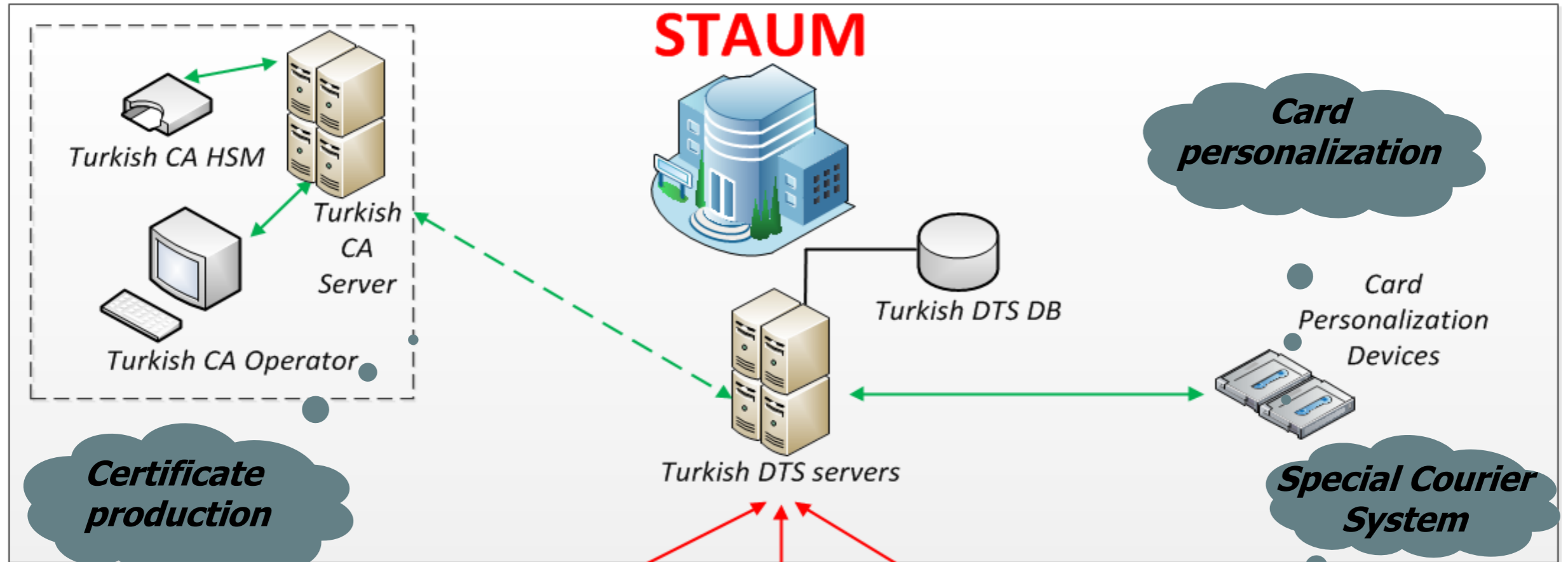- Delivery of issued tachograph cards to the designated centers in Turkey

TURKISH DIGITAL TACHOGRAPH SYSTEM

- The information specific to the cards issued, the images of the biometric photo and signature of the drivers for driver cards are printed on the tachograph cards via laser-engraving.
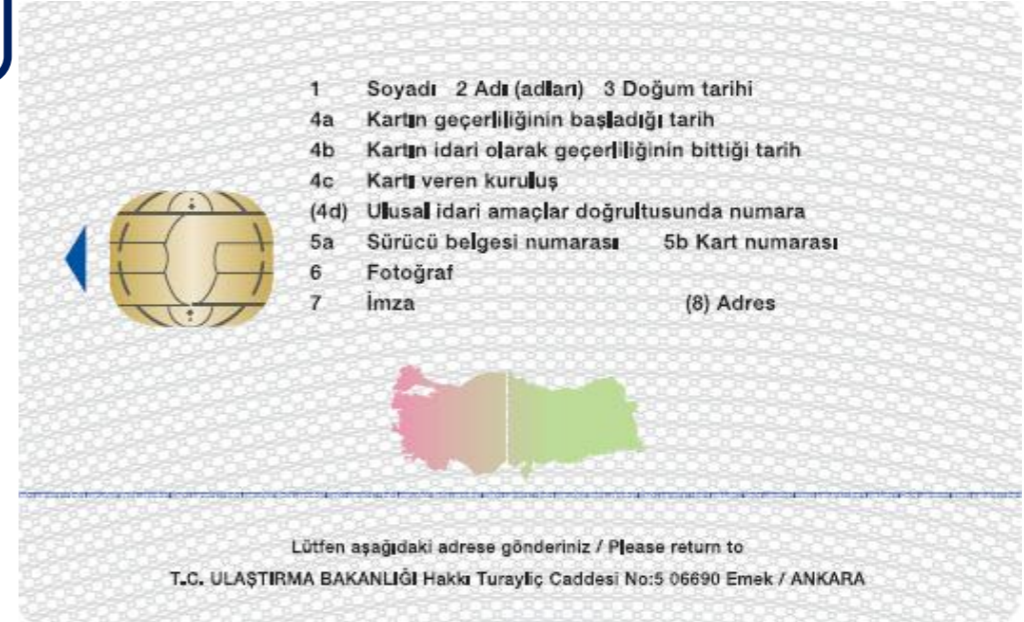
TURKISH DIGITAL TACHOGRAPH SYSTEM

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CENTRAL DATABASE FOR DRIVER CARDS AND VEHICLE UNITS

Near Future

1	Soyadı	2 Adı (adları)	3 Doğum tarihi
4a	Kartın geçerliliğinin başladığı tarih
4b	Kartın idari olarak geçerliliğinin bittiği tarih
4c	Kartı veren kuruluş
(4d)	Ulusal idari amaçlar doğrultusunda numara
5a	Sürücü belgesi numarası	5b Kart numarası
6	Fotoğraf
7	İmza	(8) Adres

Lütfen aşağıdaki adrese gönderiniz / Please return to
T.C. ULAŞTIRMA BAKANLIĞI Hakkı Turayliç Caddesi No:5 06690 Emek / ANKARA

Central Database for driver cards and VUs

11

CENTRAL DATABASE FOR DRIVER CARDS AND VEHICLE UNITS

Driver

Driver Card

Truck Owner

Registered Users

VU data

TOBB

Fiber Connection

MIN. OF TRANSPORT

DB

- VU data
- Driver Data

Fiber Connection

Fiber Connection

Public Authority related to working hours

Police

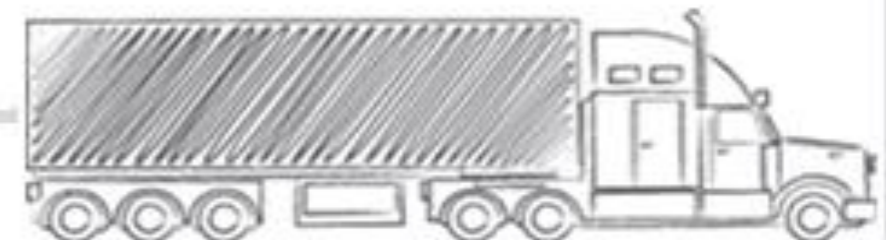Data Analysis Software

Data Analysis Software

CENTRAL DATABASE FOR DRIVER CARDS AND VEHICLE UNITS

- Protocol with Ministry of Transport
- Legislation Process
- Project Design with related authorities
- Procurement Procedures
- Implementation Phase
- Improvements

THANK YOU

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