



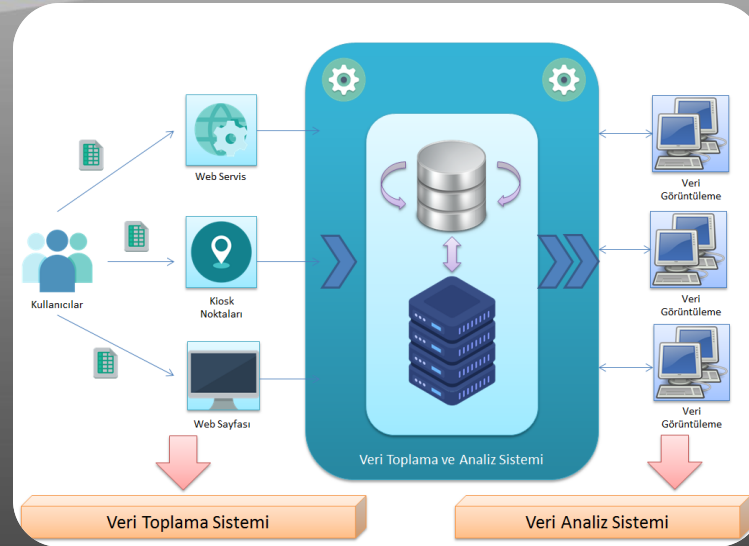
Digital Tachograph Data Collection & Analysis System



Outline

- Data Collection
 - takograf.tobb.org.tr
 - Kiosk
- Data Storage
- Data Analysis
 - Control Panel
 - Displaying Data and Breaches

Data Collection And Analysis System



The system consists of two parts: COLLECTION where the digital tachograph vehicle unit data is sent to the system by the users and ANALYSIS where the data sent to the system are processed and recorded in the database.



Data Collection

takograf.tobb.org.tr

Çağrı Merkezi: 444 9 559

Ana Sayfa Bilgilendirme Duyurular Sıkça Sorulan Sorular İletişim


Ara

Veri Toplama ve Analiz Sistemi


Dosya Yükleme Dosya Sorgulama Nasıl Yüklerim/Sorgularım?

Dosya Yükleme

Yüklemek istediğiniz dosyayı seçerek yükle butonuna basınız



Dosyaları Seçiniz

☐ Ben robot değilim 

Yükle



Data Collection


- Digital tachograph vehicle unit and driver card owners can upload downloaded data over website, webservice and kiosk machines.
- Also users can query last uploaded files from data collection system with T.C. Identity Number for drivers, vehicle registration number for vehicle units.

Dosya Sorgulama

☐ Araç ☒ Sürücü Kartı

32554936108

2270175907841000

☒ Ben robot değilim 

Sorgula

Son Yüklemeleriniz

03.06.2019 08:07:12
Sürücü Kartı Verisi

11.09.2019 11:34:51
Sürücü Kartı Verisi

21.08.2019 16:00:10
Sürücü Kartı Verisi

Yükleme Geçmişiniz

Dosya
C_20190911_1405_Z_SOYLU_2270175907841000.DDD

Yükleme Zamanı
11.09.2019 11:34:51

Kart Numarası
2270175907841000



staumkayit.tobb.org.tr





KIOSK as data download device



Driver Card Data can download from and upload to data collection system over kiosk machines

- 40 kiosks are planned to be completed in the first step
- 11 kiosk installations completed so far

Nationwide Data Upload Kiosks

Photos of Some Completed Kiosks



Ankara



Kırıkkale



Kırşehir



Kulu



Photos of Some Completed Kiosks



Sivrihisar



İzmir



İzmir Çeşme



Data Analysis

Digital tachograph vehicle unit and driver card data stored in database are analyzed according to determinable rule sets.

Analysis process

- Display vehicles activities, events, faults, calibration records etc.
- Display drivers activities, events, faults etc.
- Determine breaches of vehicle or drivers.

Data Analysis

Control Panel



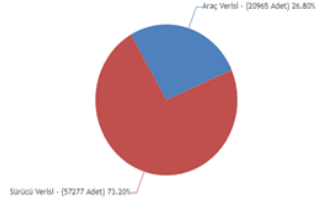
Management Panel

Login

Yüklemeler

Tarih: 30/9/2019 Saat: 15:04:44

number of file in the system



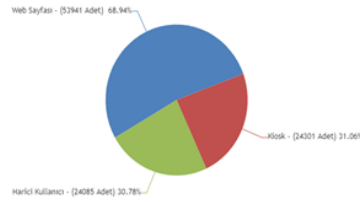
Veri Sayısı

Sistemde Toplam 78242 adet veri dosyası bulunmaktadır.

26965 tane araç verisi, 57277 tane sürücü kartı verisi.

Veri Türü	Sayı	Oran
Arac	26965	26.79567170062115
Surucu	57277	73.20432829937885

upload channels



Yükleme Kanali

Sistemde Toplam 78242 adet veri dosyası bulunmaktadır.

53941 tane web arayizi ile, 24301 tane kiosk cihazı ile 24085 tane harici kullanıcılar tarafından yüklenmiştir.

Yükleme Kanali	Sayı	Oran
Web Arayizi	53941	68.94123360854783
Kiosk	24301	31.05876639145216
Harici Kullanici	24085	30.782699820736483



Data Analysis

Displaying



driver card numbers

Reporting Date: 2023-10-27 10:00:00

17 Records Found (Showing 1-17)

Driver Card No.	Driver Name	Driver Status	Driver Type
1234567890	John Doe	Active	Truck Driver
1234567891	John Doe	Active	Truck Driver
1234567892	John Doe	Active	Truck Driver
1234567893	John Doe	Active	Truck Driver
1234567894	John Doe	Active	Truck Driver
1234567895	John Doe	Active	Truck Driver
1234567896	John Doe	Active	Truck Driver
1234567897	John Doe	Active	Truck Driver
1234567898	John Doe	Active	Truck Driver
1234567899	John Doe	Active	Truck Driver
1234567900	John Doe	Active	Truck Driver
1234567901	John Doe	Active	Truck Driver
1234567902	John Doe	Active	Truck Driver
1234567903	John Doe	Active	Truck Driver
1234567904	John Doe	Active	Truck Driver
1234567905	John Doe	Active	Truck Driver
1234567906	John Doe	Active	Truck Driver
1234567907	John Doe	Active	Truck Driver



Data Statistics

file uploaded so far;

- 59.131 driver card files
- 21.854 vehicle unit files

Total 80.985 files have been uploaded.

- The system has installed 8.431 individual driver files.
- 4.432 unique vehicle files are uploaded to the system.
- 56105 of the files in the system were uploaded via web page and 24820 from other channels (web service and kiosk devices).



Digital Tachograph Data Analysis Project Information Seminars

- 26 information seminars were planned with the coordination of TOBB and the Ministry of Transport and Infrastructure until the end of this year
- 23 of these seminars have been completed so far





Photos From Information Seminars



İzmir



İstanbul



Photos From Information Seminars



Zonguldak



Samsun



Photos From Information Seminars



Gaziantep



Bursa



Photos From Information Seminars



Diyarbakır



Malatya



TOBB
THE UNION OF
CHAMBERS AND COMMODITY
EXCHANGES OF TURKEY

Thank you!