



REPUBLIC OF TURKEY
UNDERSECRETARIAT OF CUSTOMS



e – Customs

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UNDERSECRETARIAT OF CUSTOMS



IMPROVEMENT OF CUSTOMS ADMINISTRATION BY MEANS OF INFORMATION TECHNOLOGIES

Mission of Turkish Customs Administration (TCA)

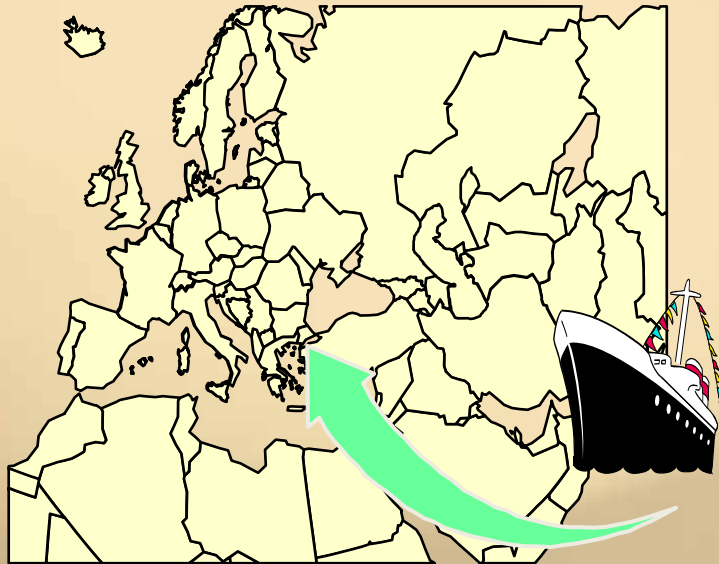
Using Information Technologies (IT);

- to facilitate legal trade
- to prevent illegal trade





A CHALLENGE: GEOGRAPHICAL CONDITIONS

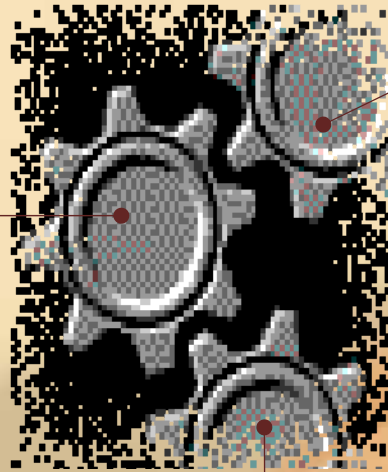


- situated at the very east corner of the West and at the very west corner of the East.
- on the route of illicit trafficking of narcotics
- with land border of 2753 km, and coastal border of 8333 km



NOT ONLY AUTOMATION BUT ALSO MODERNIZATION

Modification of customs
legislation and
procedures in line with
the EU Legislation



Re-organization of
customs
administration

Development and implementation
of IT systems for customs
procedures



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CUSTOMS MODERNIZATION PROJECT

Objectives

- selective but more effective customs control
- providing better service for trade community
- uniform implementation of customs legislation
- more effective human resources management
- more effective production of foreign trade statistics
- more effective tax collection



STAGES OF CUSTOMS MODERNIZATION PROJECT

**BILGE was introduced as
a pilot application at
Atatürk Airport**

1998



**An international bidding
was completed to deploy
BILGE at other customs
sites**

December/1999

**A deployment contract
was signed and
automation studies were
initiated on a schedule**

January/2000



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AS of JANUARY 2010

129 Customs Directorates

&

18

Regional Directorates

automated

- *The number of annual import and export declarations are 3.99 million*
- *100 % of all transactions are under automation*



Under this project;

- IT infrastructures were established
- Customs officers (2.500) and traders (14.000) were trained
- Customs Automation Software was developed



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SUBMISSION OF DECLARATIONS TO BİLGE

- **through kiosks provided within the customs directorates**
- **via Internet**

OR

- **from traders' offices through EDI (Electronic Data Interchange) messages**



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KIOSKS



**Approximately 850 PCs
are
available at 129 customs
sites for the use of traders**





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From e-Customs to m-Customs



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Usage of e-Signature and m-Signature on Electronic Declaration

After new Customs Law comes into force,
declarant can give only electronic declaration with
e-signature and m-signature.

Paper declaration will not be needed.



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The application for submission of Detailed Declaration and Summary Declaration to customs offices via web services instead of EDI (Electronic Data Interchange) are deployed rapidly throughout country. All procedures will be carried out via web services as of April.



Customs offices using e-Signature 129

Customs offices quitting EDI system 30

Customs offices to quit EDI system by April 1st, 2010
129



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BILGE Customs Offices 129

BILGE Users 29.756

e-Signature Users 2509



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STATISTICS FOR 2009-2010

EDI Registration for 2009	:	3.830.332
e-Signature Registration for 2009	:	361.197
EDI Registration for 2010	:	306.489
e-Signature Registration for 2010	:	497.952





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Gümrük Beyannamesi - Microsoft Internet Explorer provided by Muhabere ve Elektronik Dairesi



T.C
Başbakanlık Gümrük Müsteşarlığı
MUHABERE VE ELEKTRONİK DAİRESİ BAŞKANLIĞI

Sisteme Mobil İmza Kullanarak Giriş
Yapıyorsunuz, Lütfen Bekleyiniz...

Kullanıcı Kodu

tsbaytok

Gümrük İdaresi

Elektronik İmza

Mobil İmza

Cep Telefonu

05373399854

Örn:05XX3331122

Bağlan



Detaylı Beyan - Microsoft Internet Explorer provided by Muhabere ve Elektronik Dairesi

http://localhost:1340/yeni_TCGB/Tcgb.aspx

Detaylı Beyan

Hareketler ▶ Nesne ▶ Cevaplar ▶ Bilgisayar İşlemleri ▶

IK @ T

Genel Bilgiler Firma \ Kişisel Bilgileri Finansal Bilgileri Taahhüt Bilgileri Tescil Edilmemiş

Kullanıcı tsbaytok Gümrük 060000 37.Rejim 4000 BS.

Alıcı/Satıcı İlişkisi 6 4.Yükleme Listesi 2 7.Referans No

24.İşlemin Niteliği 90 6.Kap Adedi 1 19.Konteynr

20.Teslim Şekli/Yeri CIF ANKARA

Telafi Edici Vergi 0

11.Ticaret Yapılan Ülke 004 15a.Çıkış Ülkesi 004

10.Gideceği/Sevk Ülkesi 004 17a.Gideceği Ülke TCGB

Birlik Kodu Referans Tarihi

Açıklamalar

Sağ Klick Aktif Değil

Güvenilen siteler %100



Detaylı Beyan - Microsoft Internet Explorer provided by Muhabere ve Elektronik Dairesi

http://localhost:1340/yeni_TCGB/Tcgb.aspx

Detaylı Beyan

Hareketler ▶ Nesne ▶ Cevaplar ▶ Bilgisayar İşlemleri ▶

Elektronik İmza

```
<?xml version="1.0" encoding="utf-8"?>
<Gelen xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <RefID>tsbaytok20080319185459I</RefID>
  <KullaniciAdi>tsbaytok</KullaniciAdi>
  <Sifre>19cd21ebad3e08b9f1955b6461bd2f41</Sifre>
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    <GUMRUK>060000</GUMRUK>
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    <Cikistaki_aracin_ulkesi>004</Cikistaki_aracin_ulkesi>
    <Teslim_sekli>CIF</Teslim_sekli>
    <Teslim_yeri>ANKARA</Teslim_yeri>
    <Konteyner>HAYIR</Konteyner>
  </BeyannameBilgi>
</Gelen>

```

Kullanıcı tsba

Alıcı/Satıcı İlişkisi

24. İşlemin Niteliği

20. Teslim Şekli

Telafi Edici Vergi

Birlik Kodu

Referans Tarihi

Kabul Ediyorum

Tcgb.aspx

Güvenilen siteler

%100

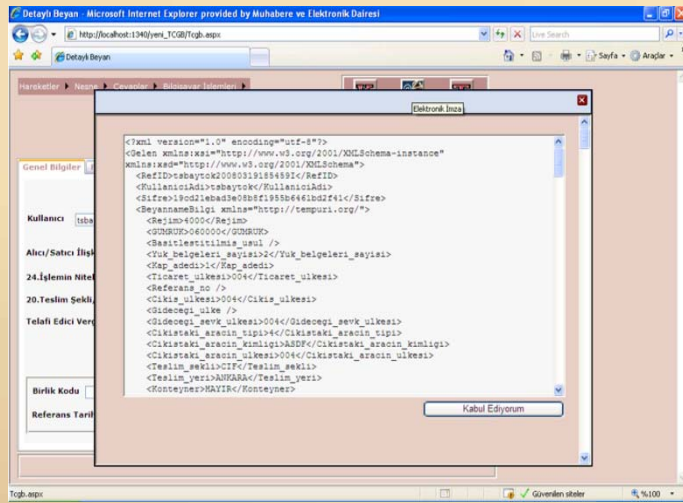
Electronic Signature and Mobile Signature are used to log into the system safely and to send declaration signed to customs office



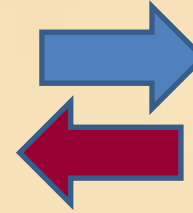
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Mobile Signature Flow Chart



SYSTEM CALLS WEB SERVICE



SYSTEM RECEIVES RESPONSE

RESULT IS RECEIVED



SYSTEM SENDS

ELECTRONIC SIGNATURE
AUTHORITIES



e-SIGNATURE AND
CERTIFICATE
VERIFICATION



DECLARATION IS SIGNED (BY ENTERING e-SIGNATURE PIN CODE)

CELLULAR PHONE INTEGRATED INTO e-SIGNATURE CA



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Customs SMS Information Service

PURPOSE OF SMS INFORMATION SYSTEM

Customs procedures are available :

- everywhere...
- everytime...
- with every tool...



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Customs SMS Information Service

QUERY ON SMS INFORMATION SERVICE

- Status query by declaration number
- Declaration query by customs code
- Automatic notification for status change

QUERY OF EACH PHASE OF CUSTOMS DECLARATION BY TRADER

- Registration
- Customs Approval and notification of channel
- Approval of Customs Inspector Payment of Customs Taxes and Release of Goods



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Customs SMS Information Service

Reply to status query by declaration number



08061600IM014877 RED CHANNEL;
SİNAN SARAÇ;
ASSIGNMENT DATE: 24.06.2008
11:03:50





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Customs SMS Information Service

Reply to declaration query by customs code



YOU HAVE 42 DECLARATIONS WITH
YELLOW CHANNEL, 16 DECLARATIONS
WITH RED CHANNEL AND 4
DECLARATIONS WITH BLUE CHANNEL
AMONG YOUR 62 DECLARATIONS
TOTALLY RECEIVED AT 061600
CUSTOMS

IF THE NUMBER OF DECLARATIONS IS
HIGH, SEVERAL SMSs ARE SENT





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Customs SMS Information Service

Reply to request for automatic notification for status change



YOUR REQUEST FOR DECLARATION
NO.08061600IM011599 HAS BEEN
RECEIVED

WRITE "FOLLOW H" AND SEND IT TO
3737 TO CANCEL IT





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Thank you for your attention