Electronic services as a way to facilitate mobility and migration management. *Ukraine's experience.*

Ivan DVOILENKO

Deputy Chairman of the SMS of Ukraine (CDTO)

BIOMETRIC DOCUMENTS IN UKRAINE

Passport of the citizen of Ukraine for travelling abroad

Year	Value
2021	2 043 862
2020	1 528 399
2019	3 653 222
2018	4 815 574
2017	4 033 265
2016	1 509 380 biometric / 754 330 non biometric
2015	880 738 biometric / 1 139 833 non biometric

2015
Issuance of the passport of the citizen of Ukraine for travelling abroad started

Passport of the citizen of Ukraine in card form

Year	Value
2021	1 703 072
2020	1 028 583
2019	1 593 074
2018	1 336 270
2017	1 096 824
2016	278 294 biometric / 1 958 non biometric
2015	-

2016
Issuance of ID-cards started

2018

Agreement between Ukraine and Turkey on travelling by means of ID-cards

Issuance of biometric documents for foreigners and stateless persons, who have the right to reside in Ukraine, started

BIOMETRIC DOCUMENTS IN UKRAINE

- **ID- card passport with NFC chip**

- **Up to 8000 per day**

- **Over 7 030 000 ID-cards issued since 1 January 2016**

- **Biometric Data inside**

- **Foresees Electronic Digital Signature**
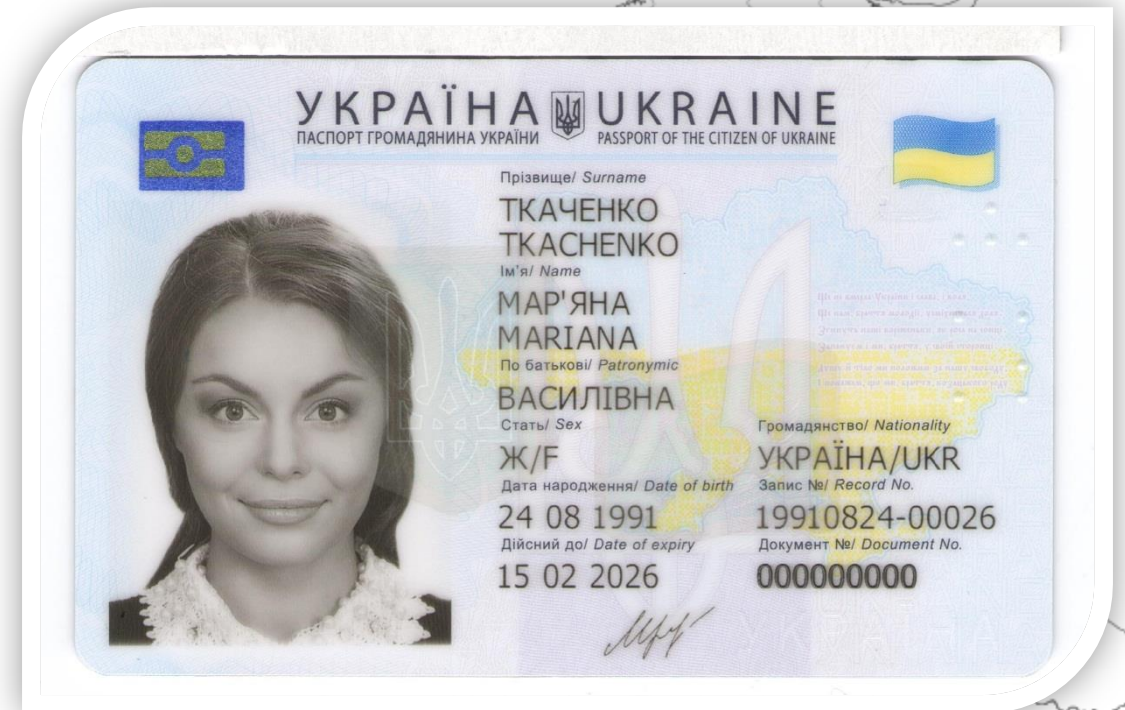
BIOMETRIC DOCUMENTS IN UKRAINE

Since 2009 Ukraine is a member of the ICAO Public Key Directory (ICAO PKD)

Certificates CSCA / DS
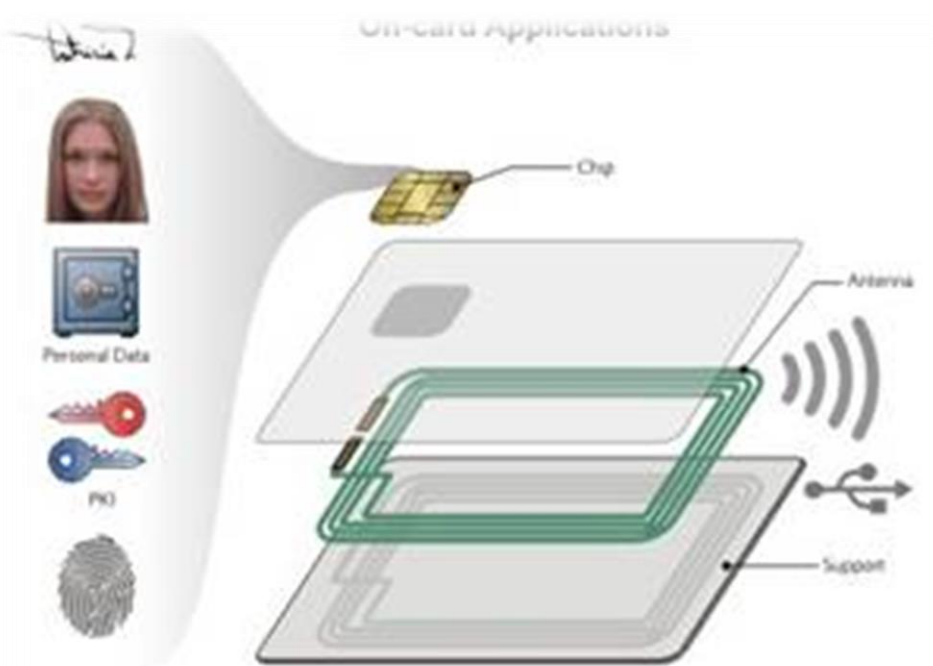**are uploaded and updated by Ukraine in the master lists of the ICAO PKD since 2015**

Certificate of the signing state (certificating authority of the signing state)

Signing Party's Certificate (authority that personalized the document)

Security objects of machine readable travel documents

BIOMETRIC DOCUMENTS IN UKRAINE

- RSA + DSTU Electronic Digital Signature (free of charge when issuing an ID)

- fixed and changeable DG

- Biometric Data (fingers+face+signature)

- Ukrainian National OS on chip NFC Infineon SLE 78

- Free software for reading ID

- AA, BAC, CAN, PACE, Pin1, Pin2

MIGRATION SPHERE REFORM

Exchange of the passport in book form for ID-card with contactless chip and biometric data

Identification System Reform

Improvement of Legal Basis

Issuance of Biometric Documents for Foreigners

Improvement of Combating Irregular Migration

Business-Processes Informatization

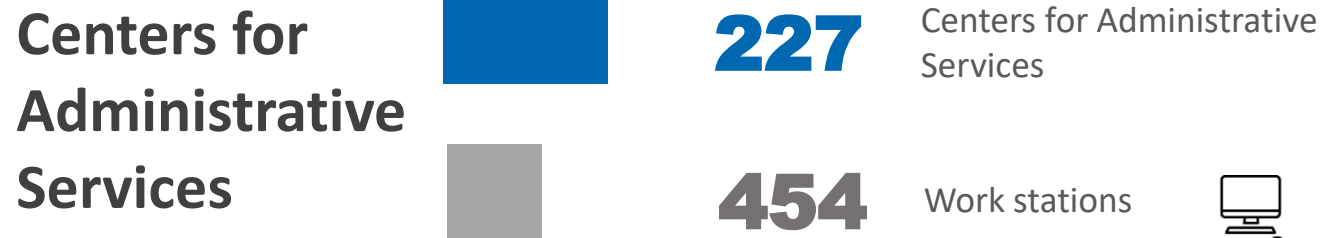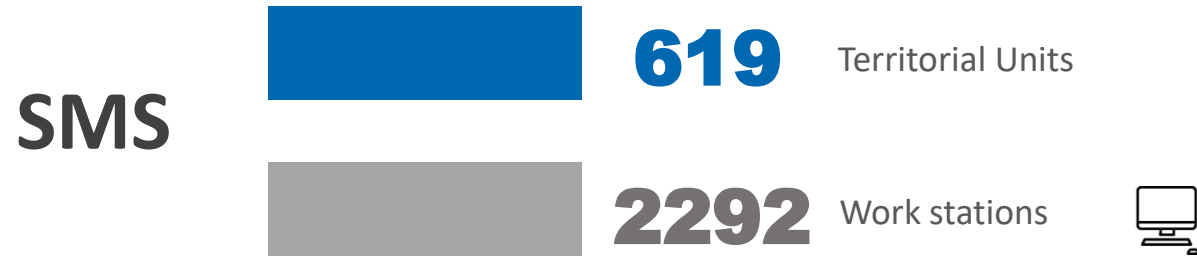Improvement of Services Provision Quality

Anticorruption Activities

Cooperation with International Organizations

Simplification and Unification of Administrative Services

INFORMATISATION OF SMS ACTIVITIES

SMS

619   Territorial Units

2292   Work stations

Centers for Administrative Services

227   Centers for Administrative Services

454   Work stations

9 **central executive authorities gained access to the Unified State Demographic Registry to execute their powers stipulated by the legislation**

Due to the continuous automation of the SMS administrative services, the passport for travelling abroad with chip and ID-card can be issued in any territorial body and territorial unit of the SMS.

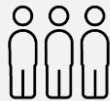# INTRODUCTION OF E-SERVICES

Official SMS web-site during 2019-2021:

166 mln. page views

State of issuance of the passport for travelling abroad, ID-card, other documents

23,0 mln.
page views

Electronic Queue

21,2 mln.
page views

Fill in payment details to pay for the biometric passport

1,1 mln.
page views

Passport transliteration checks

2,6 mln.
page views

E-reception - a virtual room for the reception of citizens with background information

1,1 mln.
page views

Check validity of the passport

20,8 mln.
page views

e-PASSPOSRT, e-PASSPORT FOR TRAVELLING ABROAD

- **Service introduced according to the Law of Ukraine "On Unified State Demographic Register and documents, confirming citizenship of Ukraine, certifying his/her identity or special status"**

- **E-passport in the mobile application "Diia" is digital analogue of that identify a person and confirm citizenship of Ukraine.**

- **Mobile application "Diia" uses information fron state registries and forms unique QR-code that allows to verify authenticity of electronic document**
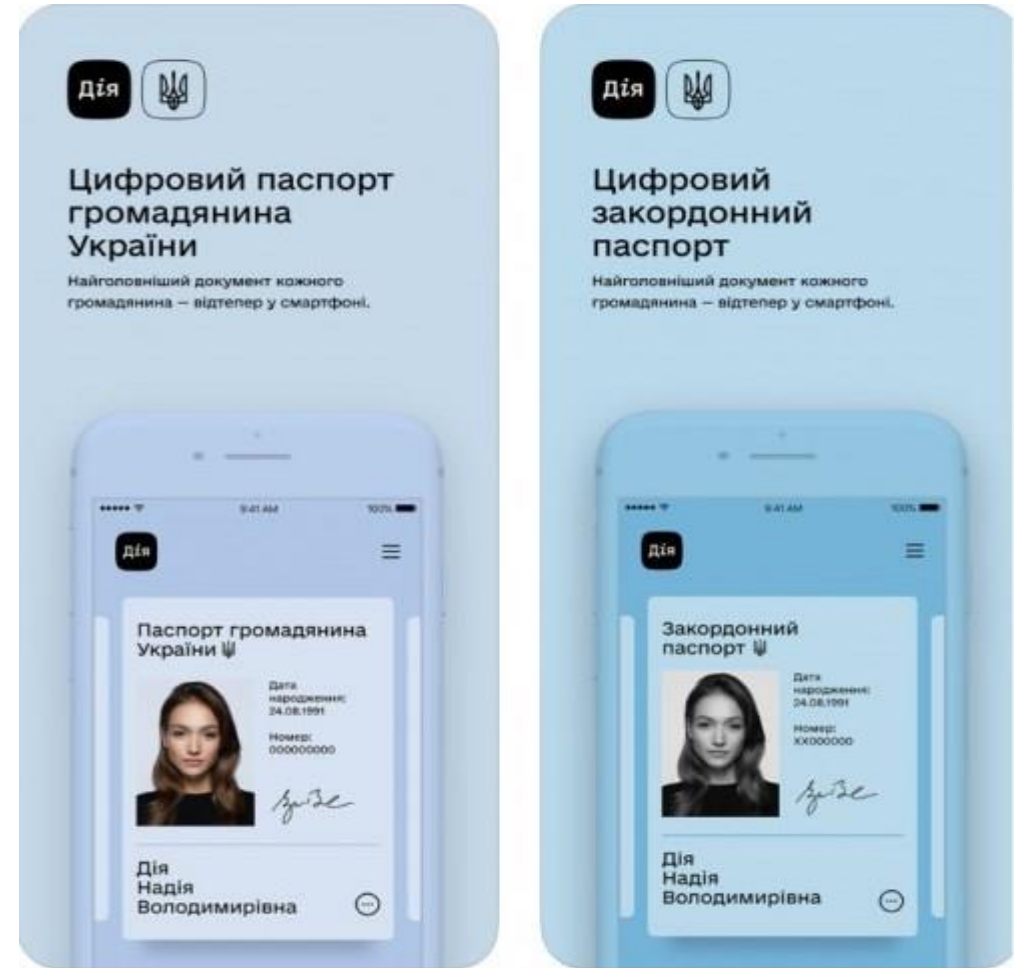
PARTICIPATION IN PROJECTS OF DIGITAL TRANSFORMATION

eBABY = UNR + TAX NUMBER + PLACE OF RESIDENCE REGISTRATION for newborn

ID-14 = UNR + TAX NUMBER for 14-year-olds

eREGISTRATION = web portal + API + DIIA

VERIFICATION in USDR = DIIA.SIGNATURE + ICEI + COVID-19 sertificates +

UNDER DEVELOPMENT = eCERTIFICATES for foreigners + foreign students + COVID-19 certificates for foreigners

DOCUMENTING of PERSONS by MEANS of USDR

ID-card may be received in any SMS territorial department or territorial unit regardless of place of residence

Passport for travelling abroad may be issued in all 593 SMS territorial units, 24 SMS territorial departments, as well as more than 240 Centers for Administrative Services of Local Administrations

DOCUMENTING of PERSONS by MEANS of USDR

Since January 2015
Issued more than **20 350 000** passports for travelling abroad

Since January 2016
Issued more than **7 030 000** ID-cards

Since January 2016 issuance of passports for travelling abroad by diplomatic institutions of Ukraine

Since September 2018
Issued more than **130 000** Temporary Residence Permits

Since May 2015
biometric diplomatic and service passports

Since December 2018
Issued more than **73 000** Permanent Residence Permits

Since June 2021
Started issuance of travel document's for stateless persons
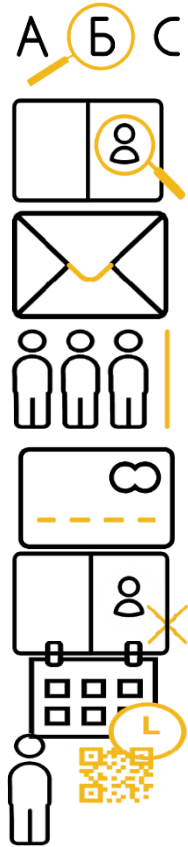
PROJECT "ELECTRONIC FILEs"

Aim of the Project
full scanning and data recognition of the SMS papers records and files into electronic forms

- **37 mln. applications for issuance of passport (sample of 1994)**

- **14 mln. applications for issuance of passport (sample of 1974)**

- **Formation of electronic files searchable by metadata**

E-SERVICES

On-line Services of the SMS

Passport transliteration checks

State of issuance

E-appeals of citizens

Passport E-Queue

Fill in payment details to pay for the passport

Check validity of the passport by means of Data Base "Invalid Documents"

"Migration Calculator" – calculate duration of stay of a foreigner in Ukraine

Preliminary filling of some personal data in application forms regarding issuance of foreign passports

NATIONAL SYSTEM OF BIOMETRIC VERIFICATION AND IDENTIFICATION OF CITIZENS OF UKRAINE, FOREIGNERS AND STATELESS PERSONS

FUNCTIONS:

- Formation and accumulation of biometric data templates
- Biometric identification 1:N (one to many)
- Biometric verification 1:1 (one to one)

| Personal Data | Digitalized Face | Digitalized Fingerprints | Work Stations | Portable biometric data readers | Tablets |

Information subsystem «Accounting for refugees and foreigners»	USDR
NSBVI	UIAS MPM

THANK YOU FOR ATTENTION!

Ivan DVOILENKO
Deputy Chairman of the SMS of Ukraine (CDTO)