delivers state-of-the-art security technologies for strategic partnership

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Deputy Chairman of the Board
International Strategy & Development
EDAPS Consortium – a corporate structure created to deliver turnkey e-government solutions

STATE CENTER FOR DOCUMENTS
PERSONALIZATION of the Ministry of Interior of Ukraine
Personalization of identification documents

Specialized Enterprise
HOLOGRAPHY Ltd.
Development, manufacture and implementation of holographic security elements

ZNAK Ltd.
Manufacture of plastic cards and plastic-based (including polycarbonate) identification documents

Printing Plant ZORYA
Manufacture of secure printed products and blanks

KP VTI JSC.
Development, implementation and maintenance of automated systems, software and databases

POLLY-SERVICE Ltd.
Personalization solutions and integration

INCOM Corporation
IT integration

COMMERCIAL INDUSTRIAL BANK Ltd.
Project Financing

3 – T Ltd
Software development, database operations
Leading player in the global market: e-Government solutions for Passports and IDs

EDAPS Consortium mission is to provide Governments with technically advanced system solutions that
- Travel and national e-IDs & e-Passports
- Driver’s license, Vehicle Registration Certificate
- Integrated Population Registration System
- Solutions for securely capturing of the citizen data, managing the database capture for efficient identification and verification processes
- Tax stamps and track & trace systems

in a vertically integrated cost-effective manner, responsive to the specific needs and goals of a government.
High capacities in production and R&D

- **Leadings European manufactures:**
  - holograms security elements,
  - plastic cards and blanks for ID documents
- **Development of integrated IT systems for government applications.**
- **Quality management systems:**
  - ISO 9001:2000,
  - ISO 9001:2008,
  - ISO 27001:2005
- **Over 3,200 staff**, including over 100 engaged in R&D.
Unrivalled expertise in securing documents and goods

- Over 300 major projects,
- Unique technologies in the field of
  - lasers, polycarbonate, biometrics,
  - demetallised holograms,
  - electronic systems,
  - contact, contactless chips and IT-technologies.
- **New development** in the way: advanced system for laser personalization of the ID-documents - “EDAPS Laser”
Geography of business of the EDAPS Consortium

- Austria
- Azerbaijan
- Armenia
- Bangladesh
- Belarus
- United Kingdom
- Germany
- Georgia
- Israel
- Kazakhstan
- Kenya
- Columbia
- Lithuanian
- Latvia
- Moldova
- The Netherlands
- The UAE
- Pakistan
- Poland
- Russian Federation
- USA
- Uzbekistan
- Ukraine
- France
- Switzerland
Global International Projects

- E-passport and E-ID for INTERPOL
- Passports for De Beers diamonds
- Demographic register in Kenya
Ukrainian Passport: project of national pride

- recognized by the ICAO and the OSCE as one of the best in the world.
- compliance with ICAO requirements is confirmed by the certified laboratories of the European Union (Secunet and Fime)
High-security e-passport for INTERPOL

✓ contains all requisite data specific for machine-readable documents and
✓ is securely protected with use of state-of-the-art technologies:

- Polycarbonate data page
- Laser engraving
- Laser perforation
- Secure holograms
- Optical security elements
- Security inks with various properties
- Microtext
E-passport for INTERPOL:
State-of-the-art security features

- Repetition of the digital portrait image of the holder is done by laser perforation.
- **OVI** is a high security ink showing different colors as the angle of view changes.
- The embedded transparent **demetallized holographic security element**
E-passport for INTERPOL: State-of-the-art security features

Coincident images

Front side Viewed against Back side a light source
E-passport for INTERPOL: State-of-the-art security features

Latent image (sometimes also called «keep-effect») is a design or an inscription, which can be found on the background of the other, basic design.

Transparent demetallized holographic security element.

Advanced Common Criteria EAL5+ security certified chip design.
The INTERPOL e-Passport booklet is
- developed by the EDAPS Consortium,
- electronically secured using ENTRUST PKI solution
- EDAPS leads a grouping of 20 suppliers from 12 countries.
INTERPOL rolls out its e-ID card: second phase of INTERPOL Travel document Initiative

- Partnership with ENTRUST - industry leader in PKI
- Ad hoc development of the security features
- Unique high-end security holograms, alteration impossible
- Balance of electronic and visual security
To drive technology ahead because criminals are getting more active

To balance the harmony of physical and intellectual levels of security in one secure document

To provide tailored security features and turn-key intellectual systems based on industry’s best practices and standards, including Information Security standards
Partnership for the Future – Mission to provide secure credentials

- To convert the cutting edge industry technologies to the practice of public security
- To maintain ongoing research and development in the area of secure credentials
- To dedicate our core competences and advantages of Partnership with INTERPOL to the mutual commitment to create the Gold Standard of Secure Credentials and accept it globally
Thank You For Attention

www.edaps.biz

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