

PRESS RELEASE

BKC portable terminal enables full biometric border control thanks to Elyctis ID BOX One integration

BKC integrates the RF MRZ scanner from Elyctis ID BOX One - OEM series to build a complete portable connected terminal dedicated to border control, which is already adopted by the State Border Service of Ukraine for their immigration controls on the field.

PERTUIS, FRANCE and KIEV, UKRAINE, February 19, 2018 – BKC “Bancomzvjazok” JSC, a major systems integrator in Ukraine, is building upon its longstanding knowledge of border control needs to introduce a new product, the K.BPT800 portable terminal, providing always more flexibility in border control.

The Ukrainian government National Security and Defense Council has decided that, from January 1st, 2018, citizens from Russia and 70 other countries in Asia and Middle East need to have their fingerprints recorded when they enter the country. Actually, border control needs are extremely diverse; some borders are fixed posts on roads or in airports, while many border controls happen in a mobile manner on trains, ships, or by controlling pedestrians. This raised the need for an integrated portable reader able to complete all steps of immigration procedures, to read diverse ID documents, to acquire biometrics and to connect to remote databases.

BKC new K.BPT800 terminal is able to read the MRZ (Machine Readable Zone) from various types of documents thanks to the integration of the Elyctis OEM MRZ scanner. In addition, the MRZ scanner includes RFID reading capability allowing to read a passport or an ID card both optically and electronically in a single step without having to move the document.

With the integration of Elyctis ID BOX One – OEM series, the BKC new K.BPT800 terminal supports all passports and a wide variety of ID documents issued by numerous countries. As the terminal is equipped with a fingerprint scanner, it allows to complete a biometric authentication by comparing securely the fingerprint with the one contained in a biometric passport chip. The K.BPT800 terminal supports GSM / GPRS, Wi-Fi, Bluetooth communication protocols in order to always be able to access remote servers to verify identities against black lists or any kind of identity databases. The K.BPT800 terminal also includes a GPS for additional security. BKC proposes a SDK (Software Development Kit) allowing systems integrators to build their own application fitting the requirements of various applications including border control, access to events, high end access control on secure premises, etc.

BKC has decided to integrate Elyctis OEM RF MRZ scanner technology as it provides a high level of reliability in reading the MRZ and the RFID chip from ID documents in a compact format and with a reduced electrical consumption, as needed for a portable device.

Alexander Gryanka, Director of the Border Control Systems Department at BKC, declares: "We have been working with Elyctis for years integrating their components in our readers. Elyctis is highly recognized for their expertise in reading ID documents and they are dedicated to making their product not only the most efficient on the market but also the easiest to integrate for hardware and software developers."

Alexandre Joly, CEO Elyctis, adds: "The integration of our static MRZ scanners and RFID readers in several generations of BKC terminals demonstrates their efficiency and flexibility, even in extremely demanding operating conditions."

About BKC ("Bancomzvjazok" JSC)

"Bancomzvjazok" JSC is a high-tech company that provides effective integrated information management solutions for corporate clients. BKC has been a supplier of innovative border control technologies for the State Border Service of Ukraine since 1997. It has been integrating developments of leading global producers and its own solutions into the unified automated system to meet the up-to-date security standards of all border control processes at each of 212 Ukrainian checkpoints: document verification (portable document biometric verification terminals, eGates, mobile checkpoints), biometric-based identification (fingerprint, facial), vehicle control (number-plate recognition), perimeter intrusion detection (IP cameras, multi-sensor system, IR laser PTZ cameras, underground sensors), portable document biometric verification terminals and mobile checkpoints.

BKC KEY ADVANTAGES:

- To go into details and specifics of the client's task and prepare a complex approach to the project implementation.
- To provide a full range of services: from comprehensive system (or product) design to staff training and service support.
- To solve engineering challenges of any complexity, even if they go beyond the scope of passport control.
- To implement innovative solutions and develop products to improve the client's efficiency.

More information at www.bkc.com.ua

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About Elyctis

Created in 2008, Elyctis mission is to supply system integrators with mobile and fixed hardware to access data of eIDs (NIC, passport, resident permits, driving license). The company specializes in the development, industrialization, production and marketing of

readers and terminals dedicated to Secure Identity Documents (e-passport, e-ID card, e-driver license,...). The company, which now employs 20 people, has a longstanding expertise in eID projects, as well as hardware and software developments, especially in the combination of optics, antenna design, high security software and integration. Elyctis sells its products through its network of distributors and systems integrators, to whom it provides development environment to facilitate the use of its readers. Elyctis is headquartered in Pertuis, France, and has a sales office in Hong Kong.

Alexandre Joly, Elyctis founder and CEO is a laureate of Réseau Entreprendre since 2011, and a laureate of the Réseau Entreprendre Ambition program in 2016.

More information at www.elyctis.com

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