



News Release

CubelQ Address PCI v2.0 Key Block Issue Mandate

[EN] Athens, GR, **February 28th, 2019** - **CubelQ Limited**, an IT company provider of software solutions and systems for financial, banking and corporate institutions, addresses PCI v2.0 Key Block Issue Mandate with **Key Block Integrator – KBI** solution.

PCI PIN Security Requirements v2.0, published December 2014, introduced a new requirement to increase security for encrypted keys. Implementation of key blocks, sometimes referred to as “key bundling”, greatly improves the security of symmetric keys that are shared among payment participants to protect PINs and other sensitive data (Requirement 18-3). In April 2017, the effective date was modified to allow the implementation to occur in three phases, each with its own effective date. This will allow organizations to focus resources to address implementation tasks specific to their environment and support a smooth migration across the payments network. Phased implementation dates are as follows:

- **June 2019**, Phase 1, Key Blocks implementation for internal connections
- **June 2021**, Phase 2, Key Blocks implementation for external connections, associations and networks.
- **June 2023**, Phase 3, Key Blocks implementation to extend to all merchant hosts, point-of-sale (EFT/POS) devices and ATMs.

Key Block Integrator – KBI solution from Trusted Security Solutions Inc., is a **combination of tools and expert resources** to help companies analyze DES key usage, identify changes needed to successfully convert to key blocks and support DES key cryptograms conversion to key blocks in storage and for internal connections for PCI June 2019 mandate.

The **KBI system** is an end-to-end solution to diagnose and recommend the necessary changes to become PCI v2.0 compliant. **KBI system** is a fast, efficient and affordable diagnostic tool providing forensic details around key and key usage insights. In addition to the **KBI system**, we also provide consultation and expert technicians to answer questions and provide support throughout the process of implementing key bundling.



About CubelQ

CubelQ Ltd. - www.cubeiq.gr - is a leading provider of software solutions, systems, business process re-engineering solutions and professional services to banks, financial institutions and corporations in South and East Europe. CubelQ's portfolio of solutions and systems include: Item & Document - Cheque Processing Systems, Cheque Book Issuance Systems, Fraud Detection & Prevention Systems, Anti Money Laundry Systems, Electronic Transaction Processing & Card Management Systems, SWIFT Reconciliation and Messaging Applications, Document Management & Electronic Workflow Systems, Prepaid Services Electronic Distribution Systems, SMS Messaging Systems, Electronic Loyalty Systems and a number of specialized equipment such as Cheque Scanners, Encoders, Sorters, Cheque Book Issuance Machines, Single & Dual Terminal Cash Dispensing - TCDs and Cash Recycling Machines - TCRDs, Cheque Book Dispensing - Cheque Deposit, Bill Payment and Multifunctional Terminals, specialized Automatic Teller Machines - ATMs, Cash Deposit, Cash Recycling and Multifunctional ATMs. CubelQ was established in 2003 by a group of professionals with long and successful presence in the Greek banking market. The company is specialized in Business Process Re-engineering focused in the Banking and Electronic Transaction Processing Market. Our leading-edge software solutions can transform business processes in a more efficient, more productive and cost saving way.

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