



News Release

CubelQ announces CBAF™ & CIIA™ New Releases Enriched with Advanced Security Features

Athens, GR, **March 30, 2011** - **CubelQ Limited**, an IT company provider of software solutions and systems for financial and corporate institutions, today announces **Cheque Book Application Foundation – CBAF™** and **Card Instant Issuance Application - CIIA™** new releases enriched with advanced security features.

Card Instant Issuance Application - CIIA™ suite is designed to operate in banks and financial institutions that are issuing or are planning to issue ATM, Cash, Debit or Credit plastic cards at their branches.

Cheque Book Application Foundation – CBAF™ suite is designed to operate in banks, financial institutions and corporations that are issuing cheques and cheque books and processing cheques.

Both applications have been enriched with four new modules, each of which can be enabled or disabled, that include a number of advanced security features in the areas of “communication”, “users access”, “data storage” and “operation audit”. The addition of the four modules upgrades both applications to a **fully PCI-DSS compliant** level (user access control, password complexity, periodic changes, auditing...).

Communication Security

- Client / Server Communication over TLS/SSL with RSA 1024 and 2048 bit key length.
- Certain messages' fields can be encrypted with DES or Triple DES and 64 bits or 128 bits keys.
- Client / Server message can be digitally signed with RSA 1024 bits signatures.

User Access Security

Standard user access security with user name/password sets that are authenticated in application Server level is enriched with the following features:

- Integration with two factor user authentication methods (OTP, certificates...).
- Integration to “Active Directory” security policies.
- Operation role assignment to each user (available roles: system administrator, branch manager, relationship manager, and card printer). Each role corresponds to certain functions.
- Time restricted access. Each user can access the system on predefined hours during the day and on predefined days during a week.



- System Administrator(s) is accessing the system using the “two passwords authentication method”
- All known **techniques and policies of user name/password management** have been included and they all are parameterized from the system administrator(s), Some of them are: (a) Password expiration in predefined time with time duration parameterized, (b) Password force change, (c) User password history kept for non new usage with storage time duration parameterized, (d) Maximum number of attempts before locking, (e) Maximum inactivity period before locking, (f) Password format definition (min length, max length, min number of letter/numbers, comparison to user name ...), (g) User auto logoff, (h) User force logoff, (i) Maximum number of active sessions.

Data Storage Security

- Database storage Hashed or Encrypted
- Keys and algorithms in software or in network appliance
- Algorithms supported: DES, 128-bits Triple DES, 192-bits Triple DES, RC2, RC4, 128-bit RC4, 128-bit AES, 192-bit AES and 256-bit AES.

Audit

Auditing and fraud prevention is realized through the following facilities:

- System status log (TLF) per branch, per terminal (PC) and per user.
- System error log per branch, per terminal (PC) and per user.
- Operation log per branch, per terminal (PC) and per user. All users' actions are logged.
- All logs are stored at the central site server database or in Microsoft™ Windows Operating System event viewer.
- MIS reporting on central and branch level
- Plastic card and cheque sheets electronic inventory.

About CubelQ

CubelQ Ltd. - www.cubelq.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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