

UbiQ*PersoMaster*[™]



Smart cross-platform solutions for all your issuance needs

UbiQ has the central issuance solution for financial issuers of all sizes. Our powerful smart card personalization suite of software solutions seamlessly provides state-of-the-art integration throughout the automated card-issuance process.

It is a suite of smart card personalization software applications that significantly simplifies the process of personalizing single and multiple application smart cards.

Our solution takes a "lifecycle" perspective to personalizing cards, which includes:

- Planning, selecting and validating card program components.
- Preparing smart card application data and generating security keys prior to production personalization.
- Producing cards in a time-sensitive and secure environment

Choose The Proven Smart card software solution

Our software solution enables the mixing and matching of card personalization equipment, HSMs, chip operating systems and card applications. The benefits of this solution include:

- Enables you to design a complete issuing system using components that meet your specific requirements.
- Future smart card programs can be supported with minimal modifications.
- A single personalization system provides foundation to meet the needs of all current and future smart card programs.
- Because our solution can be configured to support various personalization equipment and Hardware Security Modules, it can cost effectively support both pilot and large volume card issuance without application modifications.

Xpressi[™] - the total solution for Remote/Branch Issuance

Our UbiQ*PersoMaster* family of products includes industry leading Xpressi, the remote/branch instant card issuance solution. Xpressi addresses the need for instant card issuance with security measures managed by a central location. Affordable card costs with the advantage of an enhanced customer experience, Xpressi delivers the affordable, reliable remote/branch solution.



For the **Complete Lifecycle** of Smart Card Personalization

Our suite is a fully scalable set of software application modules addressing each stage of the smart card personalization lifecycle: Card Configuration Planning and Management, Data Preparation, Key Management and Card Issuance. The core architecture has the ability to support any smart card platform and application and most brands of personalization equipment. It is Global Platform™ and CPS compliant™.

UbiQDataPrep™ takes advantage of high performance, low cost HSMs (with the highest security ratings). This combination of software and hardware provides the scalability to cost effectively perform personalization preparation process for both low volume and very high volume card issuers. Our system supports ALU generation for MULTOS cards, GlobalPlatform CPS, EMV-CPS, P3 and other personalization preparation processes.

UbiQKeyMaster™ is a universal key management application that can be configured to support both current and future smart card applications without requiring customization or additional investments in HSM firmware. It provides the ability to generate, import and export Visa/MasterCard/JCB certificates, DES and RSA keys.

UbiQCardIssue™ is the only personalization production software that can support multiple brands of personalization equipment including NBS, DataCard, Mühlbauer, CIM, Eltron, and more. Open Platform, MULTOS and native chip operating systems are all supported.

Expansion Modules

UbiQCardPlan™ software module is a card and application management software that contains advanced card and application configuration management capabilities. It manages libraries of smart card product configurations, application profiles and card platform profiles. In addition, it configures 'multiple application' smart card products, performs conflict resolution and manages version control for many versions of each card configuration or product.

UbiQDataPrep™ API is designed to be integrated with third party applications and host systems. It provides all of the core data preparation functions for generating MULTOS ALUs, GlobalPlatform CPS, EMV-CPS, P3, and customized smart card production files. It has been designed to integrate with your current cardholder system and with advanced CMS systems.

UbiQScheduler™ module provides a tool to automate the processing of data conversion and data preparation jobs. Multiple jobs can be setup to run concurrently or at separate times on a daily basis. It works in conjunction with the data conversion and data prep applications.

UbiQPKGen™ is a RSA key pair generation module that provides the ability to generate high volumes of key pairs, cost effectively, in preparation for DDA mode issuance of EMV applications, or to generate the key pairs required for PKI applications.



Corporate Headquarters
Canada
703 Evans Avenue
Toronto, Ontario
M9C 5E9
Canada
tel: +1 416.621.1911
fax: +1 416.621.8875

Contact your nearest NBS location for more information on UbiQ software solutions and EMV migration programs:

UbiQ Software
10925 Bren Road E
Minneapolis, MN 55343
USA
tel: +1 952.912.9423
fax: +1 952.912.9439