In response to the growing demand for integrated and more efficient campus card systems, CardsOnline offers an easy and cost effective solution. CardsOnline is the binding element between the systems (HR, Access Control, Payment and Print & Copy) related to the campus card, making production and managing of the card simple and fast.

Individual cards or batchwise printing and encoding is as easy as pushing a button. The CardsOnline inline encoding and printing process ensures flawless production of cards ready to use.

Advanced password protection with 2-FA ensures protection of both users and data in the entire system. Management of users is quick and easy by creating and assigning specific roles to certain access levels or features.

With CardsOnline organizations create a central application with all card related information and more. Photos, fingerprints, personnel data, as well as certificates, signed documents and copies of ID cards.

- Cloud solution
- Design your own cards
- Centralized data management
- Connects to existing databases
- Single or batch printing

For more information visit:

www.cardsonline.info/naccu-2019/

The University of Arizona

Deploys CardsOnline for card design, new card issuance production & card management in the cloud

The University of Arizona (UoA), established in 1885, is the state’s land-grant university with two medical schools and ranks in the top 25 among all public universities in the United States. The UofA is advancing in the frontiers of interdisciplinary scholarship and entrepreneurial partnerships. In addition, the UoA is a member of the Association of American Universities, which includes 62 leading public and private research universities.

Always exploring new approaches, the UoA was ready in 2018 to update their card management system. Presently setup with a smart card system that interacts with several legacy systems, the UoA found CardsOnline the best fit as the replacement of their former card management system.

CardsOnline creates one central, full integrated system for card production which includes capture of photos and signatures, printing, smart chip encoding and issuing multi-purpose ID smartcards, offering full card control in one system.

The Challenge

Having an elaborate system with a smart card in place the UoA is searching for a state-of-the-art software that will make the complete card life process more efficient with an online system. This requires a proven application that encompasses all the requirements and more.

The card management system had to be able to create various applications on the DESFire EV1 card and encode all specific data for these applications during the inline encode and print process. After encoding/printing all systems must be updated reflecting the new card with its encoded identifiers, linked to the cardholder.

CardsOnline fulfilled all the requirements and more: full integration with UoA systems and with CatCard applications for access control, payments, library, rec center, parking & transportation and E-ticketsing services. Cards-Online proves to be the real one-card-solution in the Cloud!
Our Solution

ScreenCheck implemented CardsOnline connecting with the Active Directory and the EDS system. The EDS system is a hosted data platform holding all relevant source and client application data. We integrated with the EDS and the Active Directory via LDAP. CardsOnline Data Agents connect with an SQL table to exchange data.

ScreenCheck provides the SAAS service hosted on Microsoft Azure in a US datacentre.

CardsOnline enables card holders to login on any mobile device and upload a new photo using Service Portal. Service Portal also offers a special feature to upload a copy of a Person's ID. The Person's ID is used to verify the uploaded photo. After processing the photo, the copy of the Person's ID will be deleted.

The CatCard is the official University of Arizona identification card. The card features a digitized photo, digitized signature, Contactless DESFire EV1 8K SmartChip, ISO number, and magnetic stripe. CardsOnline encodes and prints all required data on the smart card by utilizing both 3DES and AES encryption. In total the CatCard operates 9 different connected systems.

Project Details

- **Software:** CardsOnline 6.4
- **Server:** CentOS Linux distribution, PHP/MYSQL/APACHE
- **Card Printer:** Zebra ZXP9 printers with MIFARE DESFire & MAGstripe encoder
- **Card Types:**
  - Type 1 white PVC both sides
  - Type 2 white PVC both sides with hico MAGstripe
  - Type 3 white PVC front side with pre-printed back side in black, MIFARE DESFire EV1 8K and 1K-co MAGstripe (CatCard)
- **Card Amount:** Approximately 67,000 Cards
- **Note:** Each CatCard contains a unique 16 digit ISO number

“CardsOnline proves to be the real one-card-solution in the Cloud”
Quote: Stephanie Perez

Smartcard connected systems

- Bursar Account authorization
- Campus Recreation Center Access
- Parking & Transportation Services
- Identification and Status Verification
- UoA Athletics ZoneZoo Pass verification
- Library Privileges
- Building Access
- Meal Plans
- CatCash