

CARDSONLINE

PROJECTS 2018/2019

EDUCATION

The University of Arizona

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

The University of Arizona (UofA), 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 UofA is a member of the Association of American Universities, which includes 62 leading public and private research universities.

Always exploring new approaches, the UofA was ready in 2018 to update their card management system. Presently setup with a smart card system that interacts with several legacy systems, the UofA 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 UofA 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 UofA systems and with CatCard applications for access control, payments, library, rec center, parking & transportation and E-ticketing services. CardsOnline proves to be the real one-card-solution in the Cloud!

Client profile

University of Arizona, established in 1885

The first graduating class in 1895 consisted of two women and one male.

Recognized as a global leader, the UofA is also a leader in research, bringing more than \$684 million in research investment each year

Ranking in the top 25 among all public universities

The UofA is advancing the frontiers of interdisciplinary scholarship and entrepreneurial partnerships and is a member of the Association of American Universities, the 62 leading public and private research universities.





“CardsOnline proves to be the real one-card-solution in the Cloud”

Quote: Stephanie Perez

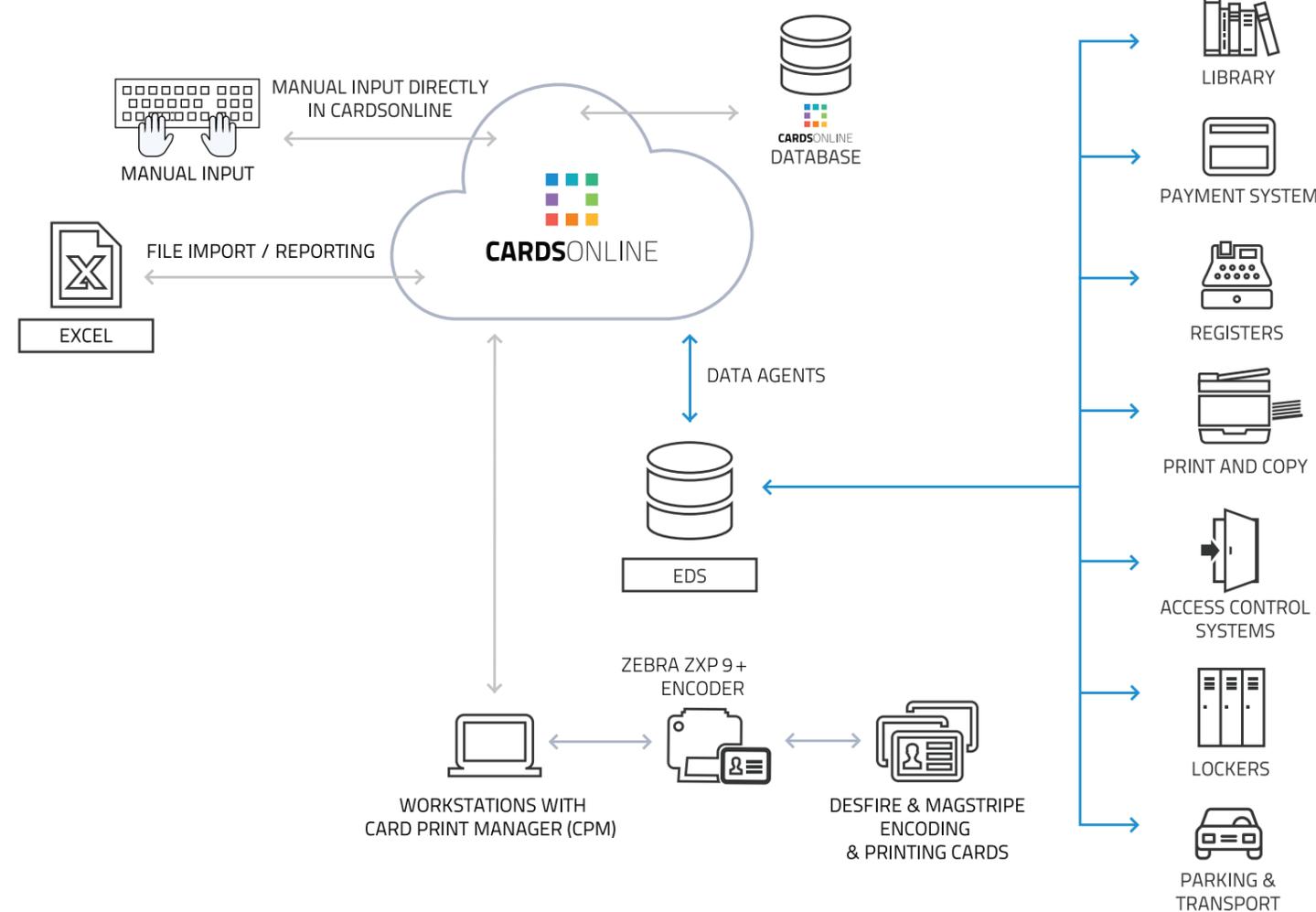
Our Solution

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 Persons ID. The Persons ID is used to verify the uploaded photo. After processing the photo, the copy of the Persons 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.

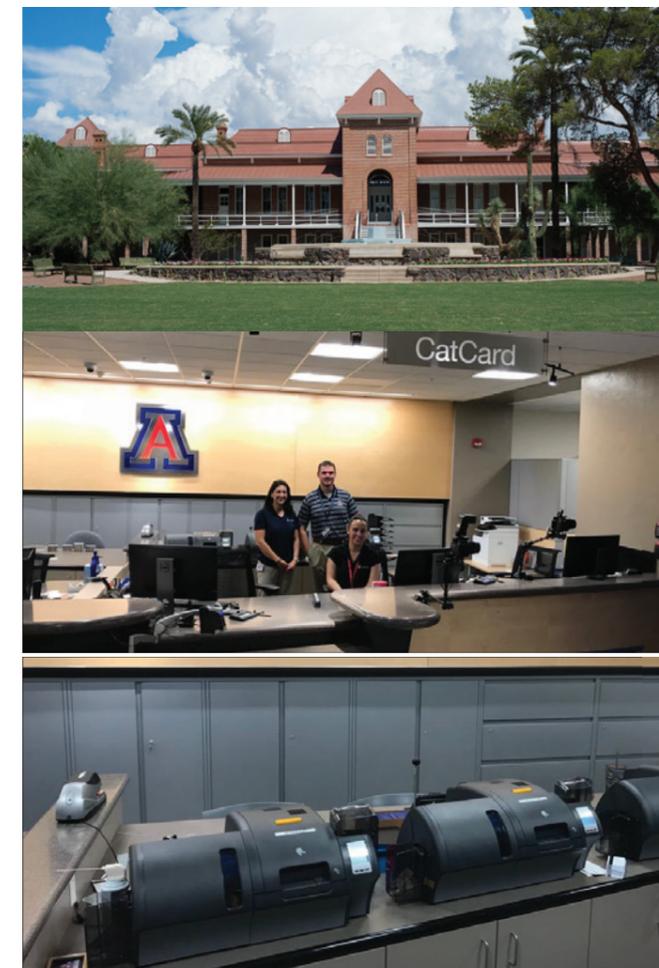
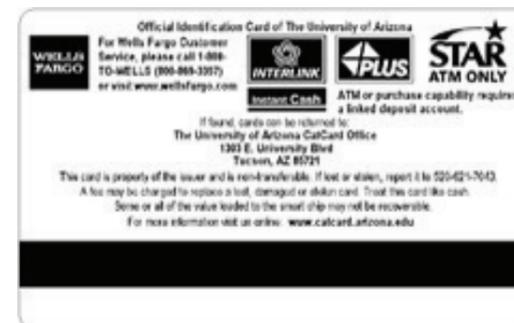


Smartcard connected systems

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

Project Details

- Software:** CardsOnline 6.4
- Server:** Cent OS 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 hi-co MAGstripe (CatCard)
- Card Amount:** Approximately 67.000 Cards
- Note:** Each CatCard contains a unique 16 digit ISO number





CARDSONLINE

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.

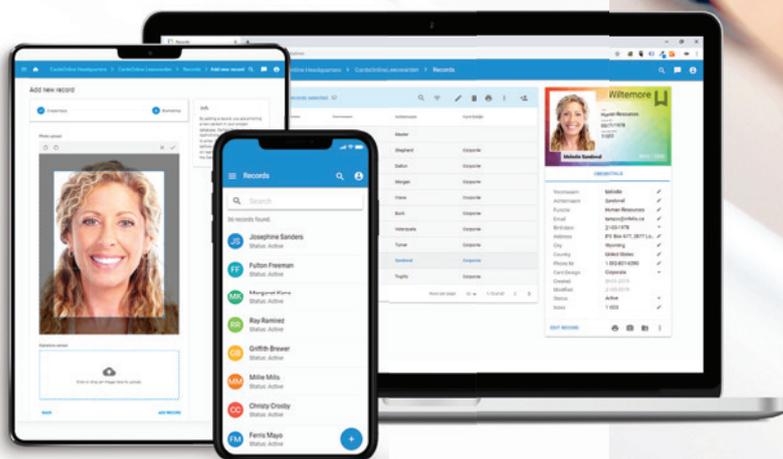
Cloud solution

Design your own cards

Centralized data management

Connects to existing databases

Single or batch printing



For more information visit:



www.cardsonline.info/naccu-2019/