

> CHALLENGE

To autonomously manage the update of multifeature student IDs

> MARKET

Universities and Institutions for higher education

> APPLICATIONS

One card for multiple purposes – identification, e-payment, access control and more

> EVOLIS SOLUTION

Tattoo RW



Uni'Campus: Moving Towards the Digital University

The UNR of Paris is a public organization that promotes the use of new technologies among its member universities from Paris area, France. In 2007, the multiservice student ID was launched and became the first project shared among these universities and the Paris CROUS (student welfare organization). Today, almost all students from member universities have a multiservice student ID that can be updated via Uni'Campus, a terminal designed and managed by Monecarte, an expert in deploying multifeature cards.

Imagine a single card that can host all data specific to multifarious student services. This is an idea that would greatly appeal to many institutions of higher education, but such a multifeature card would rapidly become obsolete without regular updates. In the past, these updates were carried out manually, through a rigid and time-consuming process that would invariably incur delays. What if every one of these cards could be updated autonomously and by their holders themselves? This is the simple, yet brilliant idea behind Uni'Campus, which is an interactive terminal that delivers on the promise of freeing the original card issuers (Office of Student Affairs, Human Resources Department) from the burden of managing cards after their initial delivery.

area is updated before the card is returned to its holder. The full update process is, therefore, carried out by simply inserting and retrieving the card, while details of updates are displayed on the terminal's 19" screen. The rewritable area holds variable data, such as the year of enrolment, along with other relevant academic information. This area is made of a thermo-sensitive material which is applied as part of the card's manufacturing process. This area is updated by the Tattoo RW printer from Evolis, and is attached to an encoder that is seamlessly integrated within the Uni'Campus terminal. This terminal has a compact footprint and high-tech looks, which makes it possible to be easily deployed at any location in the university campus. It can also be customized to match the graphics guidelines of the user university.

From Student IDs to Multifeature Cards

Being a student paves the way to multiple benefits, and a student ID is a passport to these privileges and services. This ID must consolidate all data related to these different services, while each service can be enabled on demand, according to the requirements of each university. Examples of such services include:

- E-payment for cafeterias, vending machines, copiers...
- E-signature and attendance management
- Initial and renewed student enrollments
- Access control to the campus IT network and other academic services
- Transportation

A streamlined user experience

For updates to be carried out autonomously, user experience has to be trouble-free. This is exactly what the Uni'Campus terminal offers: the card is inserted by its holder (student, faculty, admin...) and is controlled by the terminal. Data updates related to the different services are then encoded onto the chip. Finally, a rewritable

450 000

This is the volume of identity cards issued to students and staff of all universities that are members of the UNR Paris program.

The UniCampus terminal leverages a customized version of the Evolis Tattoo RW printer. Monecarte already had a solution to update smart cards, but this new system carries with it an additional benefit: a visible rewritable area. Tattoo RW was personalized to support the card update process of UniCampus. From a hardware standpoint, the printer's plastic cover was removed so that it could be flawlessly fitted into the terminal. New features were also designed to support the Uni-Campus, such as dual encoding to support contact and contactless cards, as well as authentication and data encryption through a Secure Access Module that protects the integrity of payments.

The benefits of RW

ReWritable (RW) is the ideal technology for autonomously updating and rapidly embedding data on a card, or to reuse the same card for different holders. RW, therefore, powers student IDs and makes it possible for any printed academic data to be updated whenever required. Tattoo RW has also proved its worth for loyalty programs in retail environments whenever loyalty points or benefits need to be updated, for example, at checkouts. Management of visitor badges is also an application since a single badge can be reused for different holders. A rewritable card can be erased and printed up to 500 times, which makes it a truly cost-efficient option.



> INTERVIEW

“Our customers like the printing quality, reliability and ease of use offered by the Evolis printers”



Emmanuel Billac,
Managing Director,
Monecarte

What is Monecarte's business?

Monecarte provides all hardware and software solutions to deploy multifeature cards, from card management systems to interfaces with the customer's information system. We also manage the implementation of hardware equipment, i.e. card readers, video systems and card printers from Evolis.

What convinced you to select Evolis printers?

Actually, the answer to this question comes from our own customers who really value the printing quality, reliability and ease of use provided by the Evolis printers. Furthermore, we are very happy with our project-oriented collaboration with the Evolis teams. They are eager to listen to us and are also very responsive.

How do you foresee this partnership in the future?

Our solutions have been successfully deployed at many institutions of higher education in France and North Africa. We have also deployed these advanced cards in hospitals for their healthcare teams and admin staff, to provide

access to patients' files and other services. We have been approached by several local authorities as well for delivering a card that would enable citizens to access several of their public services made available within the scope of their e-government project. As you can see, there are many growth opportunities for us and for Evolis.

