

MXcampus™

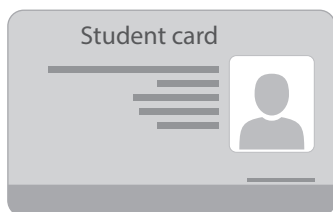


m2m
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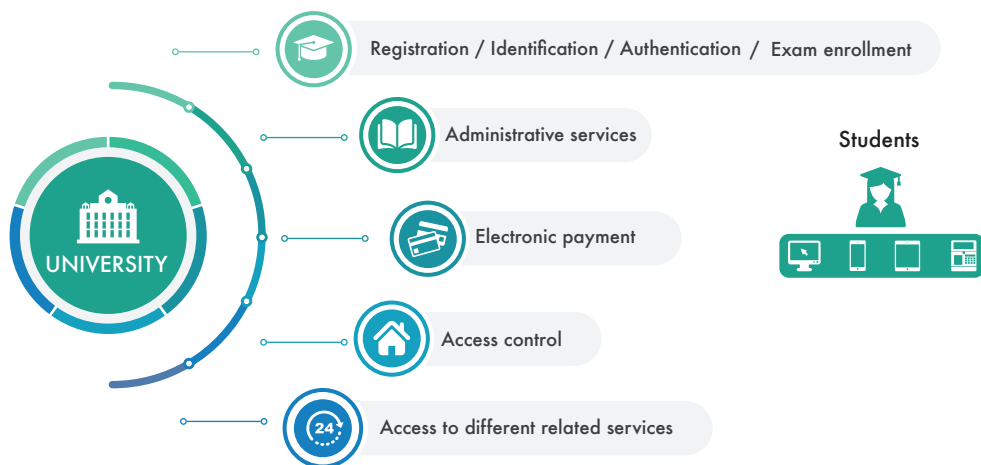
University services management platform

MX Campus is a management platform for university services, addressed to students, teachers and administrative staff.

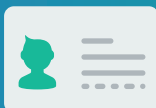
This platform aims to facilitate the everyday lives of students and support their mobility both off and on campus.



Electronic student card



Electronic multiservices card



Real time authentication

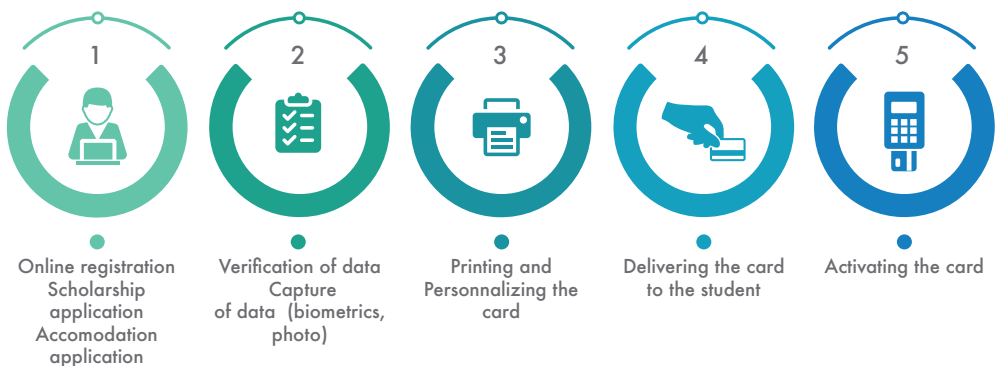


Dematerialized services



Electronic payment

MX Campus: An end-to-end management system for electronic student cards

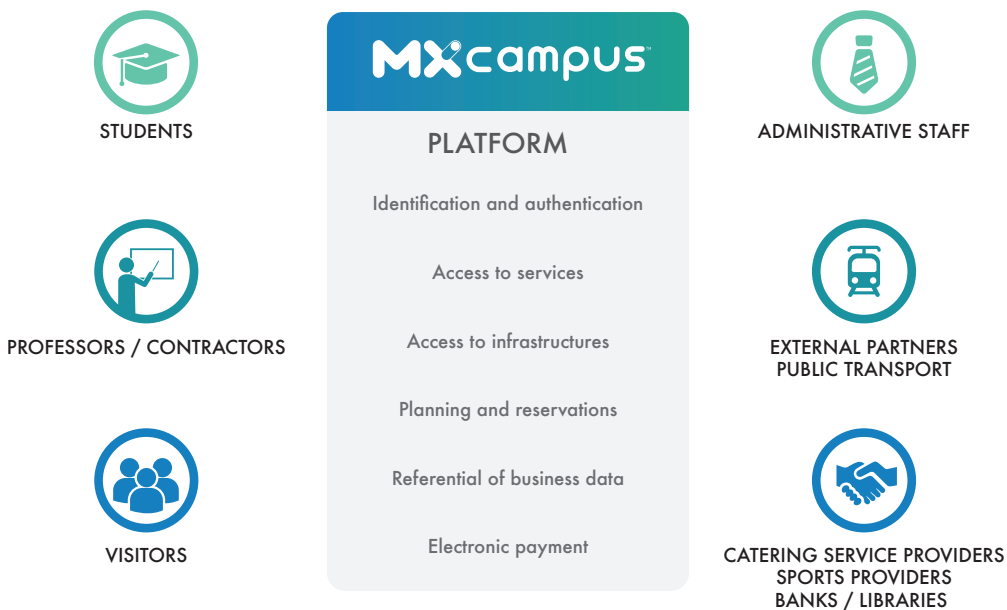


Access to services:

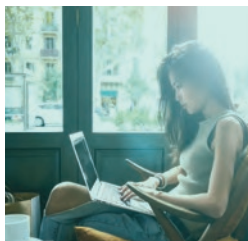
Identification
E-wallet
Access
Presence
Catering services

Library
Copies and printings
Scholarships
Accommodations
Parking

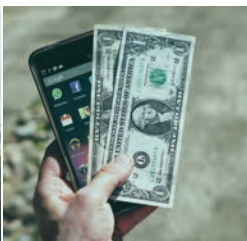
Services for many types of users



Benefits



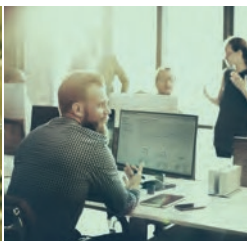
FACILITATES ACCESS
TO UNIVERSITY SERVICES



ELIMINATES THE NEED
OF CASH



REDUCES RISK OF FRAUD



INCREASES OPERATING
EFFICIENCY

The registration process



REGISTRATION REQUEST

Online registration form
(last name, first name, ID
card)

Massive automated
registrations: imported
files, databases

Printing of the form by
the applicant



ENROLLMENT

Student biometric scan :
prints, photos, signature

Checking the accuracy
of data and supporting
documents

**The PIN code of the
card can be personal-
ized on the interactive
terminals**



PERSONALIZATION

The card is produced on
a specialized printer :
Graphic printing
Electric printing

Instant Issuing option:
the card is produced
immediately and given
to the student at the end
of the registration



DELIVERY AND ACTIVATION

The student is notified by
SMS when the card is
produced

The card is handed to
the concerned person
(student, teacher,
administration)

The cardholder activates
his card by PIN code

A global multichannel platform

• Presence and attendance control

	PHYSICAL ACCESS	PRESENCE CHECK
	Access to sensitive rooms Access to the restaurant / library	Control of delays / absences Exam registration Authentication
ACCES TO SERVICES		
 Meals reservation Administrative requests (notes, absence...)	 Consulting the timetable / Internships / Mentoring	 Payment services: - Photocopies - Printing - Catering facilities - Snack bar

• Physical access control to different areas

 CONTACTLESS ACCESS CONTROL	Study rooms Classrooms Computer rooms University canteen Research laboratories	Libraries University accommodation Parkings Sports hall
	➤ Automatic and autonomous portal ➤ Control of the room capacity ➤ Restrictions to critical places ➤ High traceability of accesses ➤ Secure contactless smart card ➤ Personnel PIN code ➤ Digital prints	
 BIOMETRIC ACCESS CONTROL		

• Electronic wallet

Recharging the card

On an automatic terminal
At a cashier operator

Services payment

Re-registration, printing,
Catering facilities, snack
bar

Post payment services

Cancellation, refund

Balance consultation

Balance update

Service reception

• Card printing and copies management



PRESENTING THE CARD ON THE READER

- The reader verifies the card's balance
- The reader checks the rights



VALIDATION OF THE REQUEST

- Validating the rights
- Validating the balance



PRINTING OR MAKING COPIES ACCORDING TO DEMAND

- Decreasing the balance
- Updating the balance in the card

• Voting and Election management



IDENTIFICATION OF THE USER

- Multichannel identification with his Contactless student card.
- Identification on the adaptive web portal: tablet, PC, mobile phone



VALIDATION OF THE REQUEST

- Information verification
- Checking if the person has voted before



VOTING

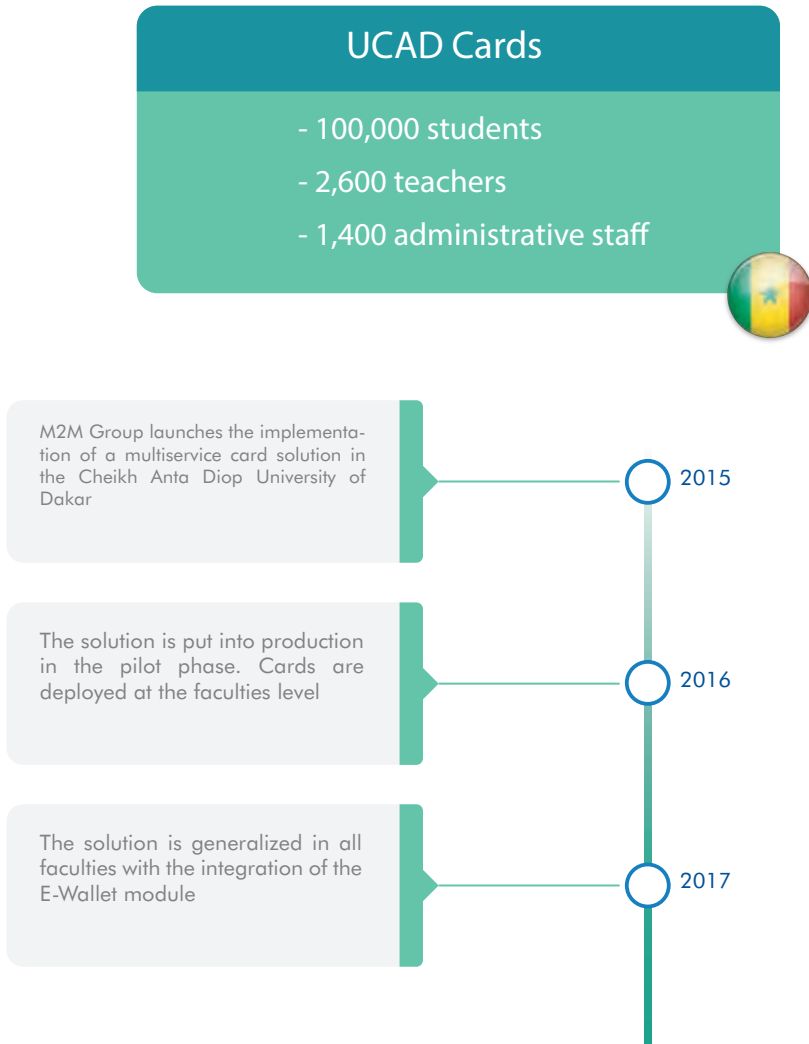
- Selecting the elected candidate on the platform
- Validating the choice

Case study

Launched by the Cheikh Anta Diop University of Dakar - Senegal, the project involves setting up a multiservice contactless card program to improve students' everyday life and support their mobility within and outside the campus:

- Combines identity and strong authentication applications
- Enables university services access management
- Open to payment and public transport applications

The solution implemented and deployed by M2M Group, concerns the issuance and management of an average flow of 104,000 cards:





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