



The Smart Card Architect

nagra.com



CAMPUS CARD

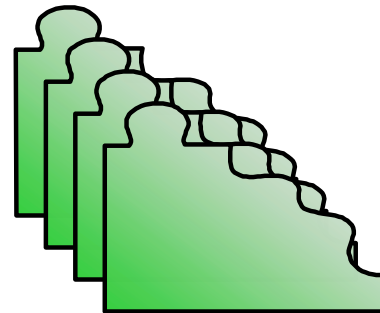
Smart Card based

Integrated Secured Solution

Current situation

Student card

Paper, smart cards

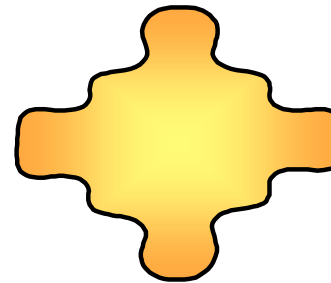


Payment systems

Money, mag stripe cards
U-keys, tickets

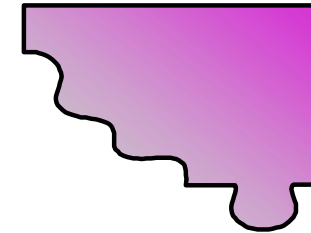
Administration + IT

Databases



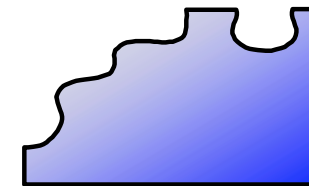
Library card

Databases

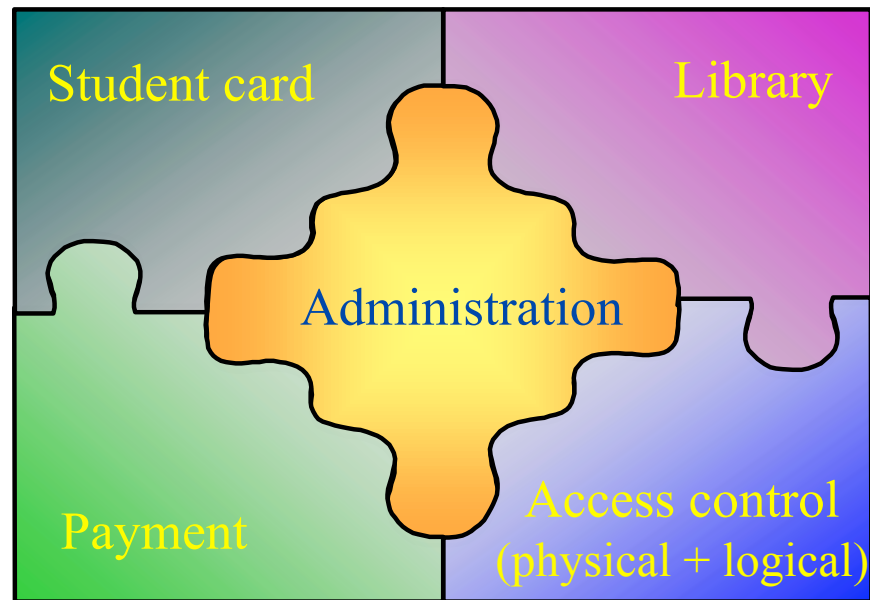


Access control

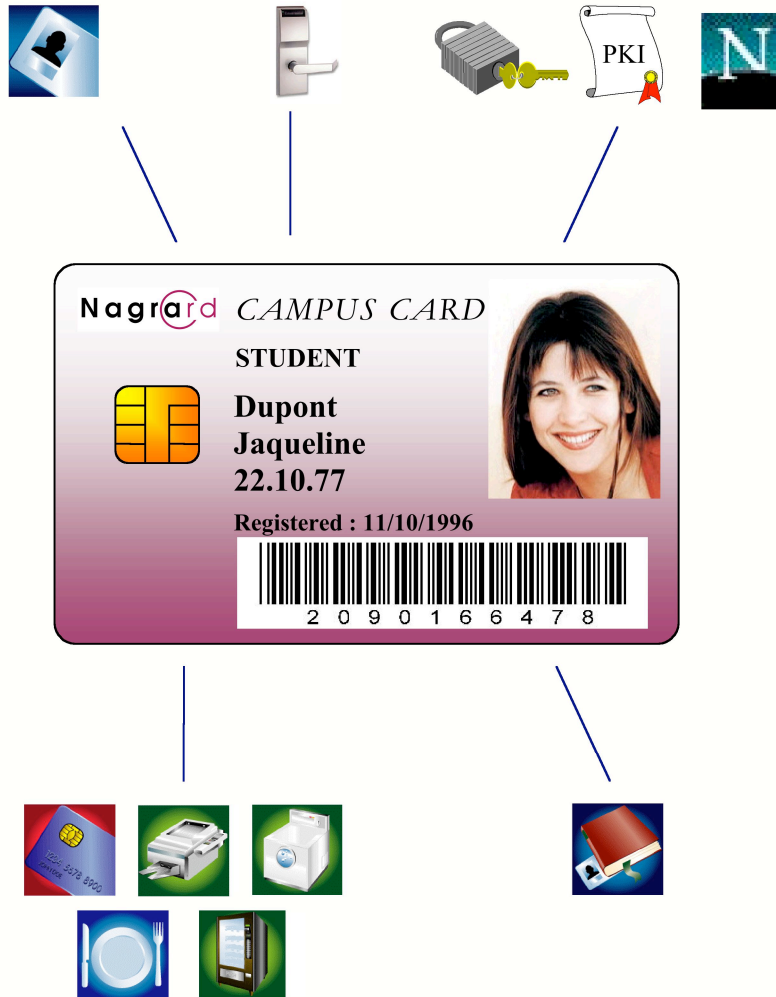
Physical = contactless card, keys
Logical = username/password
Databases



Campus Card Solution



Campus Card Integrated System

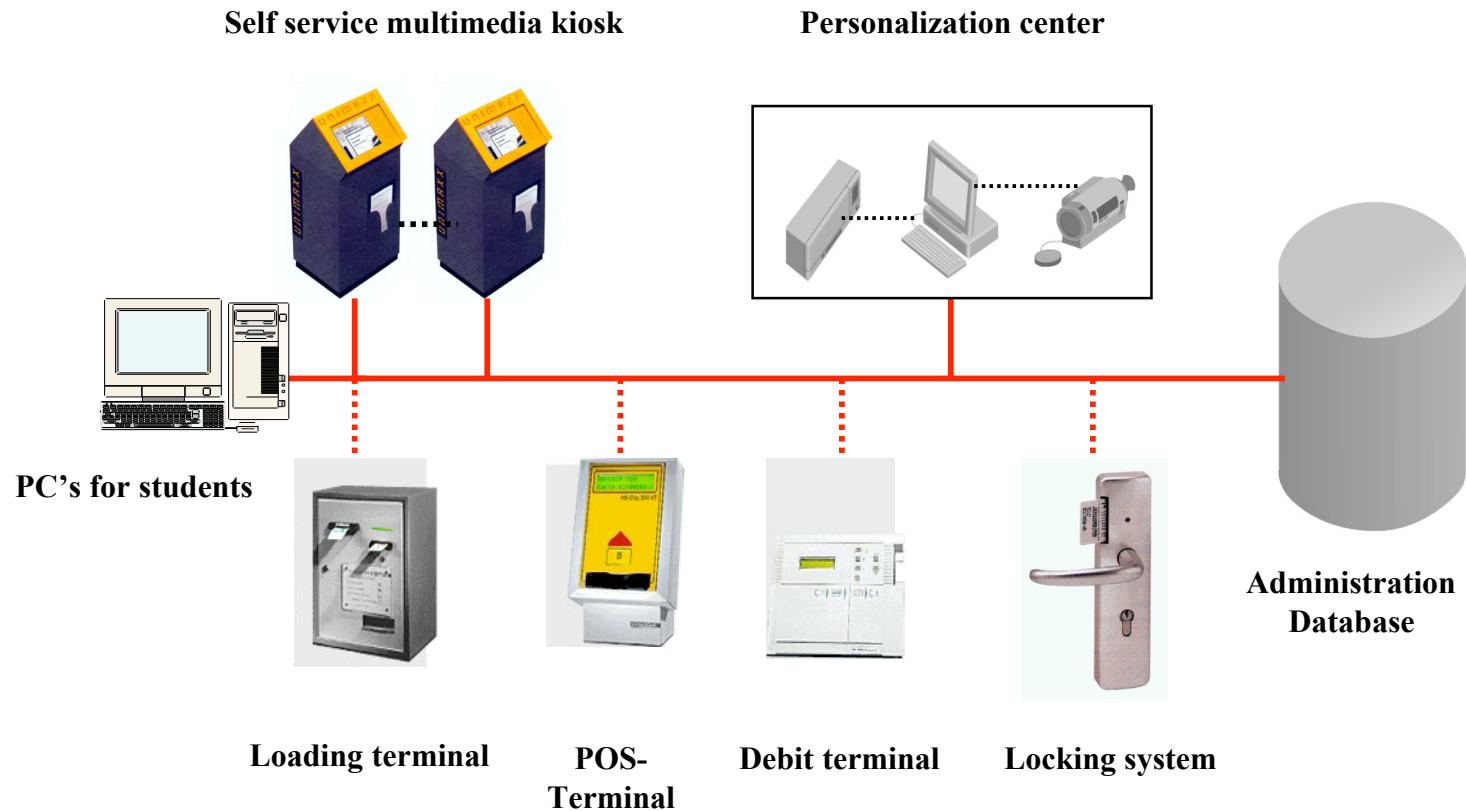


Technology



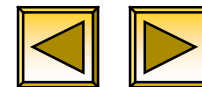
- Microprocessor or cryptoprocessor cards
- Contact and contactless technology
- Derivated OS from Pay-TV applications
- Special rewritable stripe for validity renewal

Campus Card Integrated Secured System



Highly Improved Security

- Secured card issuance
- PIN-Code and key pairs on card
- Secured card validity renewal
- Secured network access & sessions (PKI)
- Secured payment system
- Facilities secured access control (blacklist, access rights)



Benefits for Students



- All functions on one single card
- All functions work in a stand-alone mode
- Highly secured applications
- One unique secured payment system
- Student data file can be stored in the card for mobility

Benefits for Universities/High Schools



- Improved global database/people management
- Less administrative tasks
- Improved Data & networks' security
- Improved payment & clearing system
- CAMPUS CARD can also act as an employee card

Contact



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