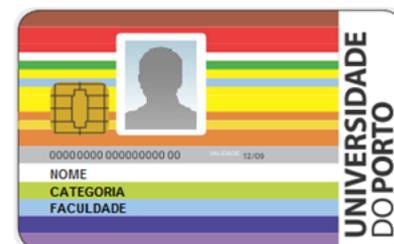


Portuguese Universities

Synergies towards a better Campus Card System



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Institutions involved

- ❖ Polytechnic Institute of Porto
- ❖ University of Beira Interior
- ❖ University of Coimbra
- ❖ University of Porto



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Reasons for this union

- ❖ Common partners for campus card :
 - ❖ Santander Totta and SIBS.
- ❖ Search for synergies between the institutions involved.
- ❖ Improve their campus card projects.
- ❖ Benefit of academic community.
- ❖ Management efficiency.
- ❖ Critical mass, strength in negotiations.
- ❖ Benefits from operators in the market.



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Project Dimension

- Academic community vs Active Cards (2013/04)



Academic Institutions	Academic community	Active cards
U. Porto	37,600	27,425
U. Coimbra	28,433	18,360
U. Beira Int.	12,869	8,253
I.P.P.	20,248	8,663
Total	99,150	62,701

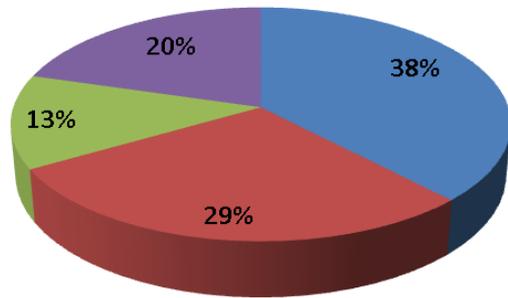


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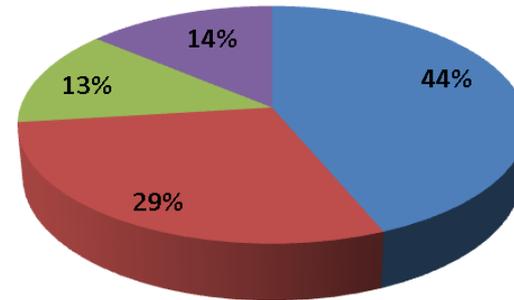


Project Dimension

- Academic community vs Active Cards (2013/04)



Academic community



Active Cards



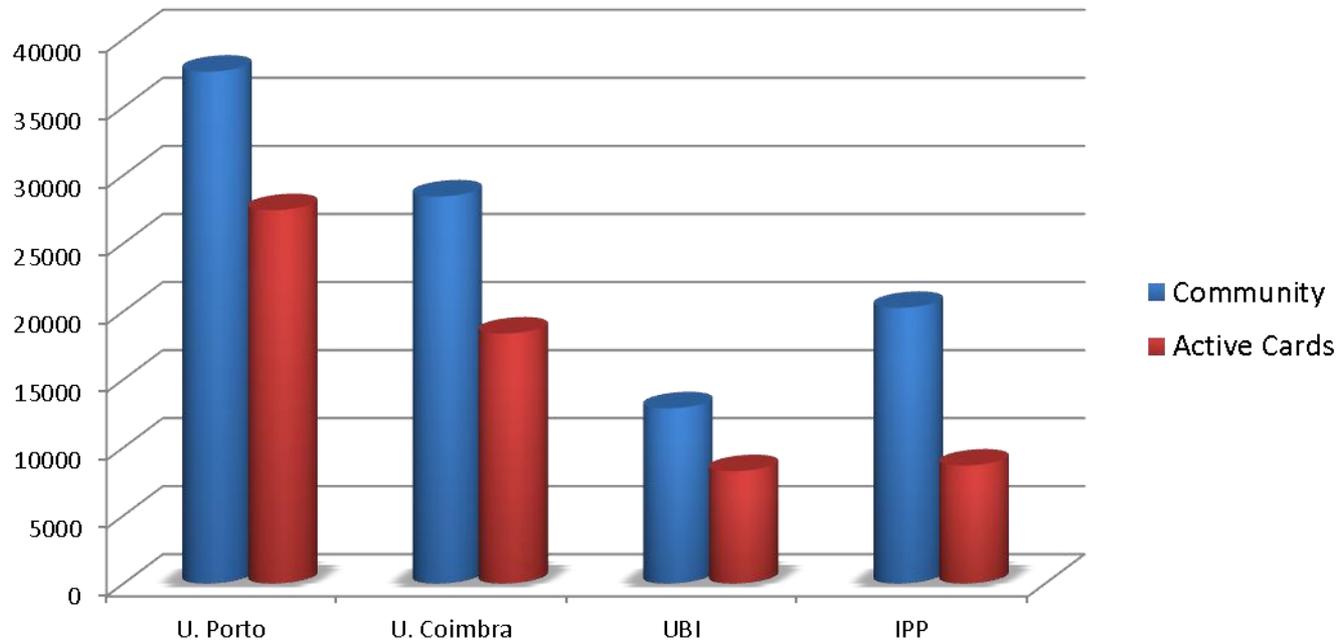
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SIBS FORWARD PAYMENT SOLUTIONS

Project Dimension

- Academic community vs Active Cards (2013/04)



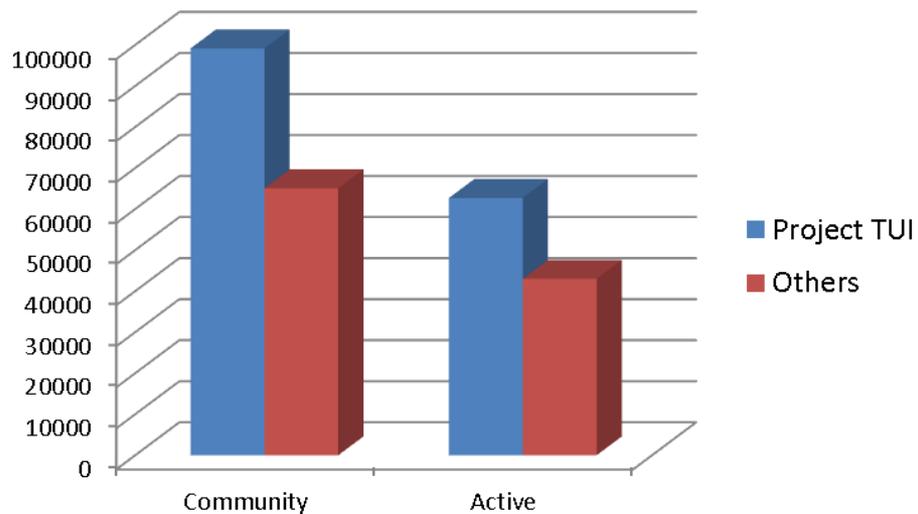
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SIBS FORWARD
PAYMENT
SOLUTIONS

Project Dimension

- Institutions involved vs other institutions.(2013/04)



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Features used

TUI technologies used.

Two types of technologies:

❖ With contact

Involves the use of the chip and/or magnetic stripe



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Project Dimension

❖ without contact

The Chip-MIFARE RFID and barcode.



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Santander
UNIVERSIDADES

SIBS FORWARD
PAYMENT
SOLUTIONS

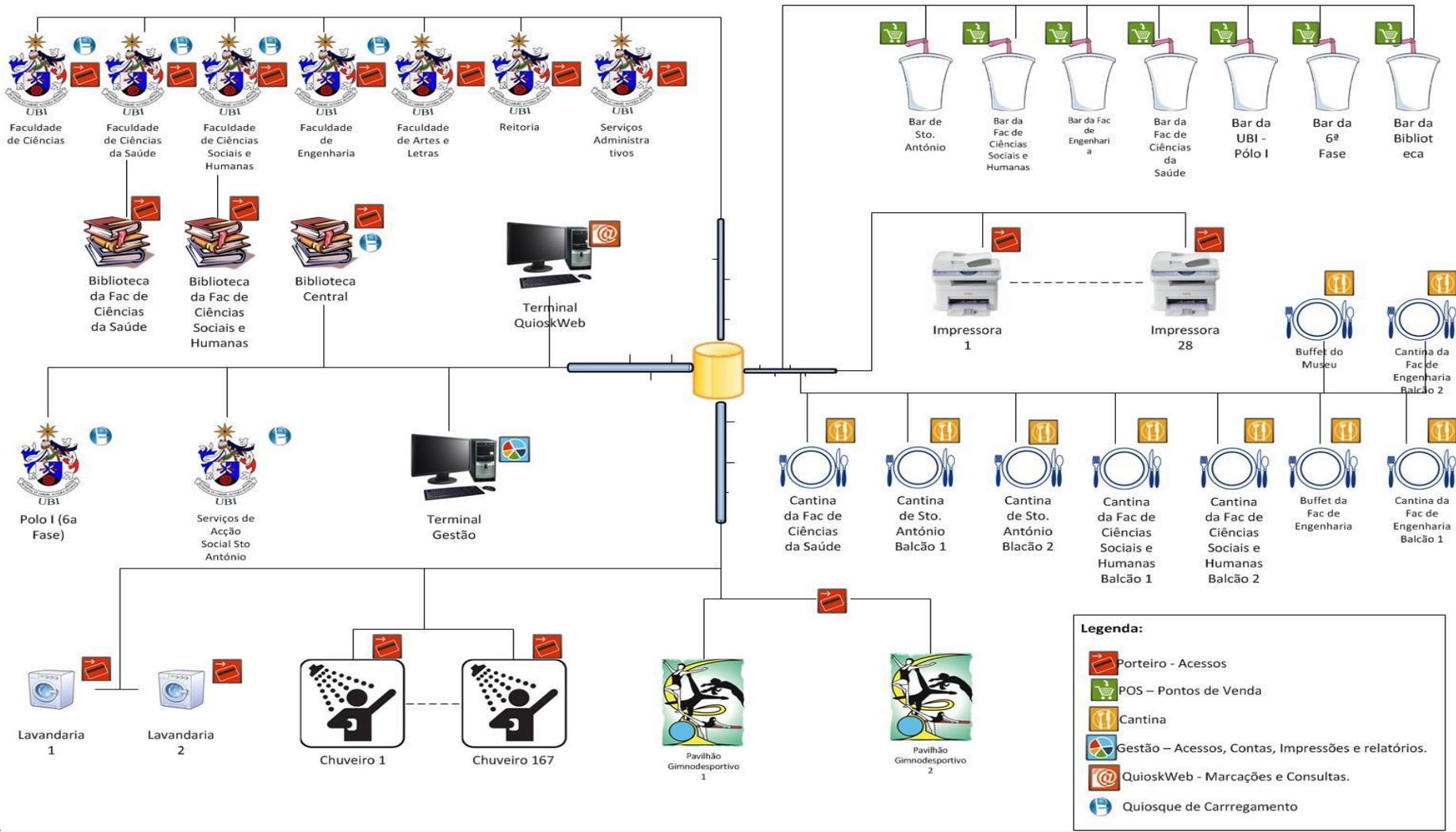
Features								
TUI Group	Discounts	Libraries	Access control	Assiduity	Printing control	Payments/ Bar/canteens	Washing/laundries	University residences
IPP								
UBI								
UC								
UP								



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Card network



Legenda:

- Porteiro - Acessos
- POS - Pontos de Venda
- Cantina
- Gestão - Acessos, Contas, Impressões e relatórios.
- QuioskWeb - Marcações e Consultas.
- Quiosque de Carregamento



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Results achieved

- Portal to control and monitoring of card issuance.
A tool that allows universities to check the status of each card, ask reissues, detect errors and see who made the request.
- Standardize processes enrollment of students.
Processes, forms and photos of students.
- Cryptographic features.



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Results in perspective

- Improvements in the portal (with SIBS Cartões).
- Internal tool for incident management and support.
- Improvements standardize processes enrollment of students.
- Cryptographic features.
- Collaboration with Observatory TUI of Murcia.
- A Competence Center.
- Inclusion of FCCN in the group.
- Inclusion of other educational institutions in the group.



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Questions?



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