



technological innovation  
for universities



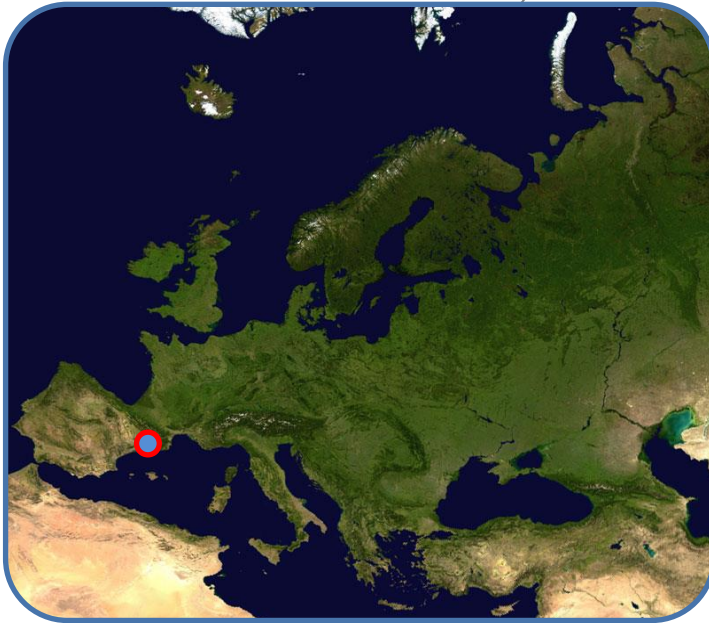








# The Company



SIGMA is a **non-for-profit consortium** established in 1996, and owned by 8 top level **Spanish Public Universities**, to provide **technological solutions** for students, learning and research management processes.

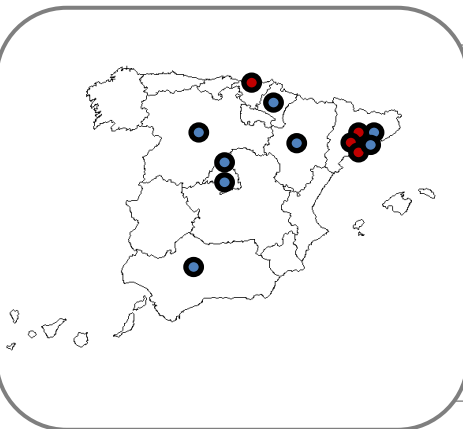
SIGMA focuses the development and support of two main best of breed suites of solutions:

**SIGMA Student Information System**

**ARGOS Research Information System**

# Our community

## Owners



SIGMA represents the **20% of the students in the Spanish Public university system**, with institutions all across the country

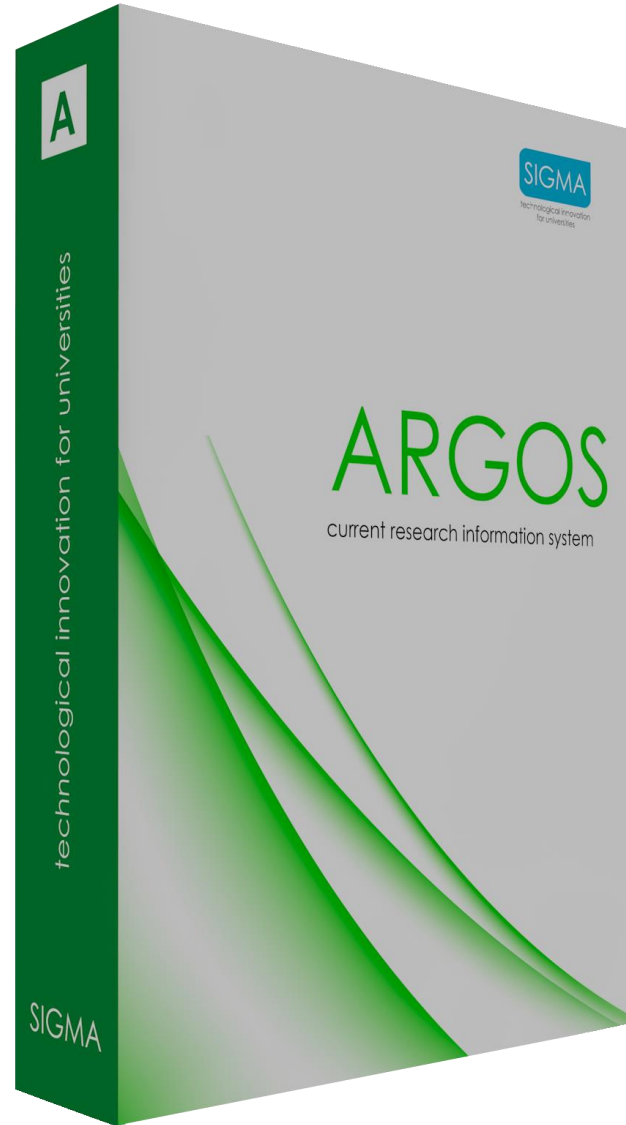
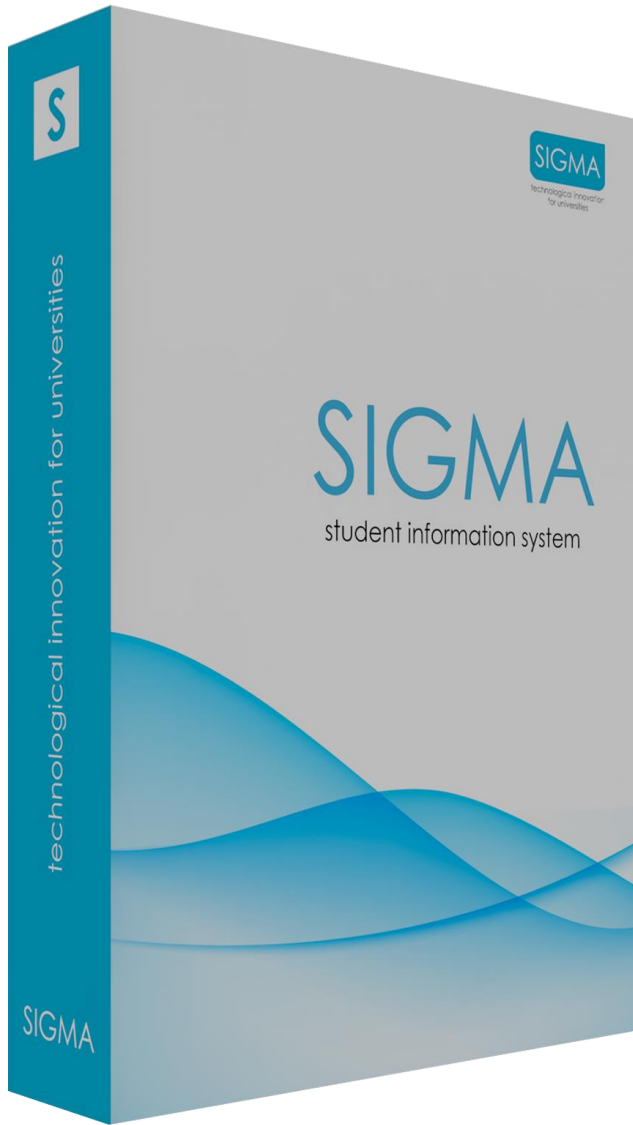
## Customers



**Escola Universitària del Maresme**  
**Escola Superior de Ciències de la Salut**









# Suite SIGMA SIS & L3

## Students Information System

### Students



Academic Student life cycle

Degree Master Doctorate

- Syllabus
- Recruitment
- Enrollment
- Grants
- Fees and Financials Integration
- Gradebook
- Mobility
- Degrees
- Mobile Apps

### Resources



Resource Planning

- Courses
- Teachers
- Spaces
- Timetables
- Allocations
- Learning Groups
- eLearning Virtual Campus
- Quality Surveys
- HR Integration

### Life long Learning



Specific Academic Student life cycle

Institution non official Postgraduate Programs

# Suite CRIS ARGOS

## Research Information System

### Management



- Calls and applications management
- Research grants
- Agreements and renewals
- Contracts & Patents
- R&D Projects
- Master data management

### Production



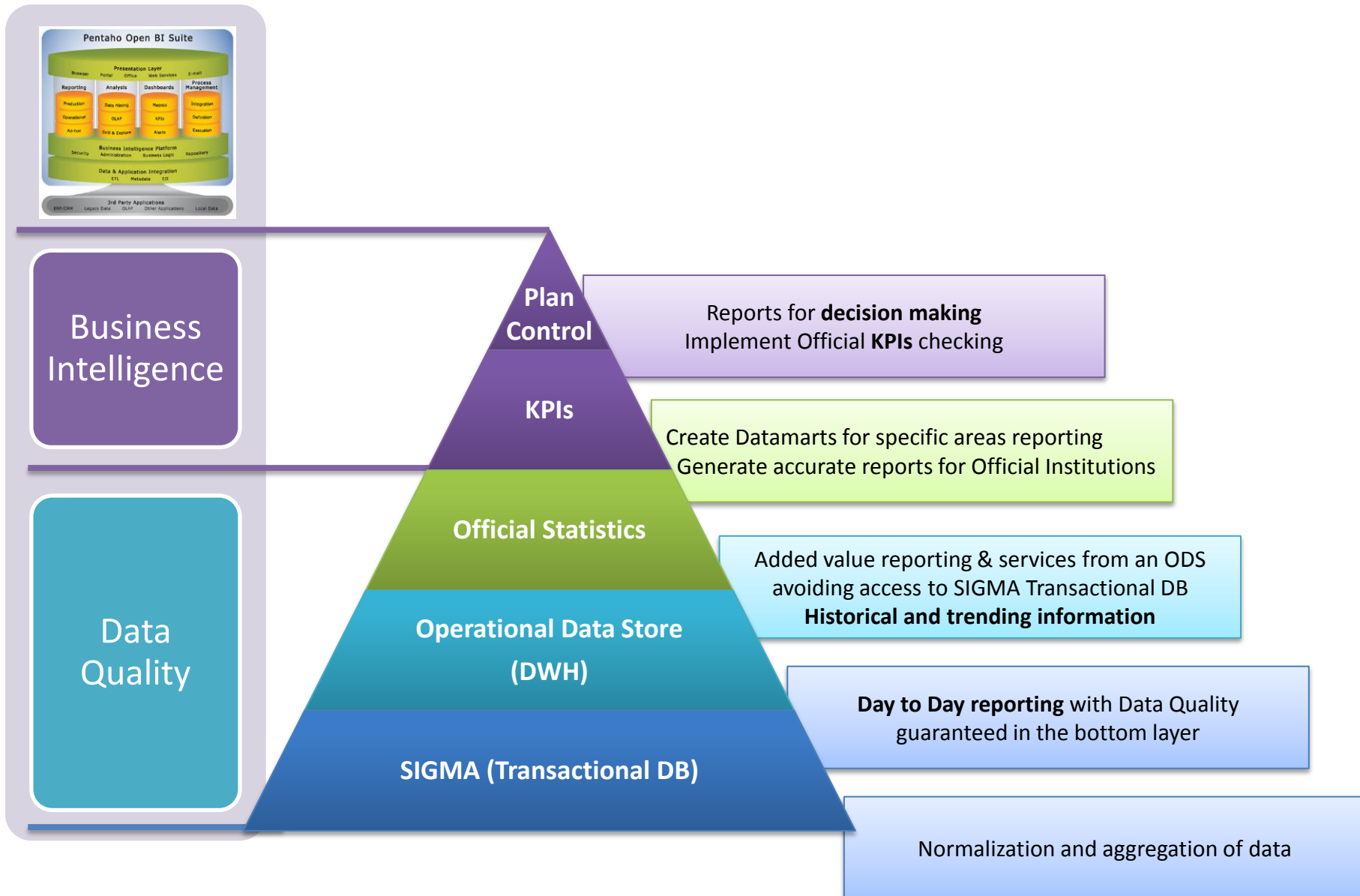
- Scientific production activity
  - Friendly Researcher front end
  - Back office Validation
- Curriculum management

### Promotion

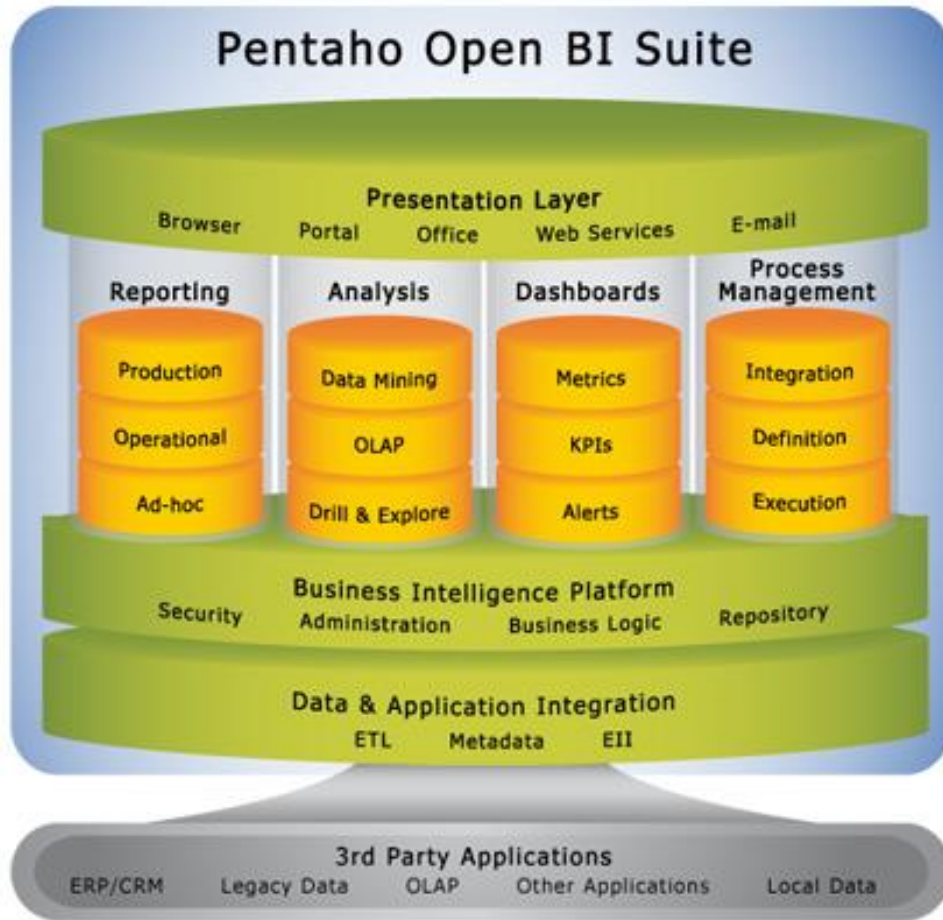


- Scientific production activity Portal
  - Powerful search engine
  - Annual Reporting
    - Institution
    - Groups & Departments
    - Researchers
    - Keywords
  - Integration with Libraries and other repositories (WOK, Scopus, ...)

# Institution Open Analytics



# Institution Open Analytics

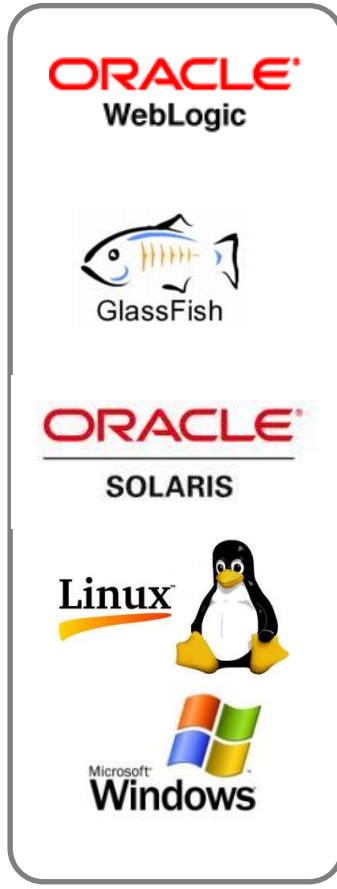






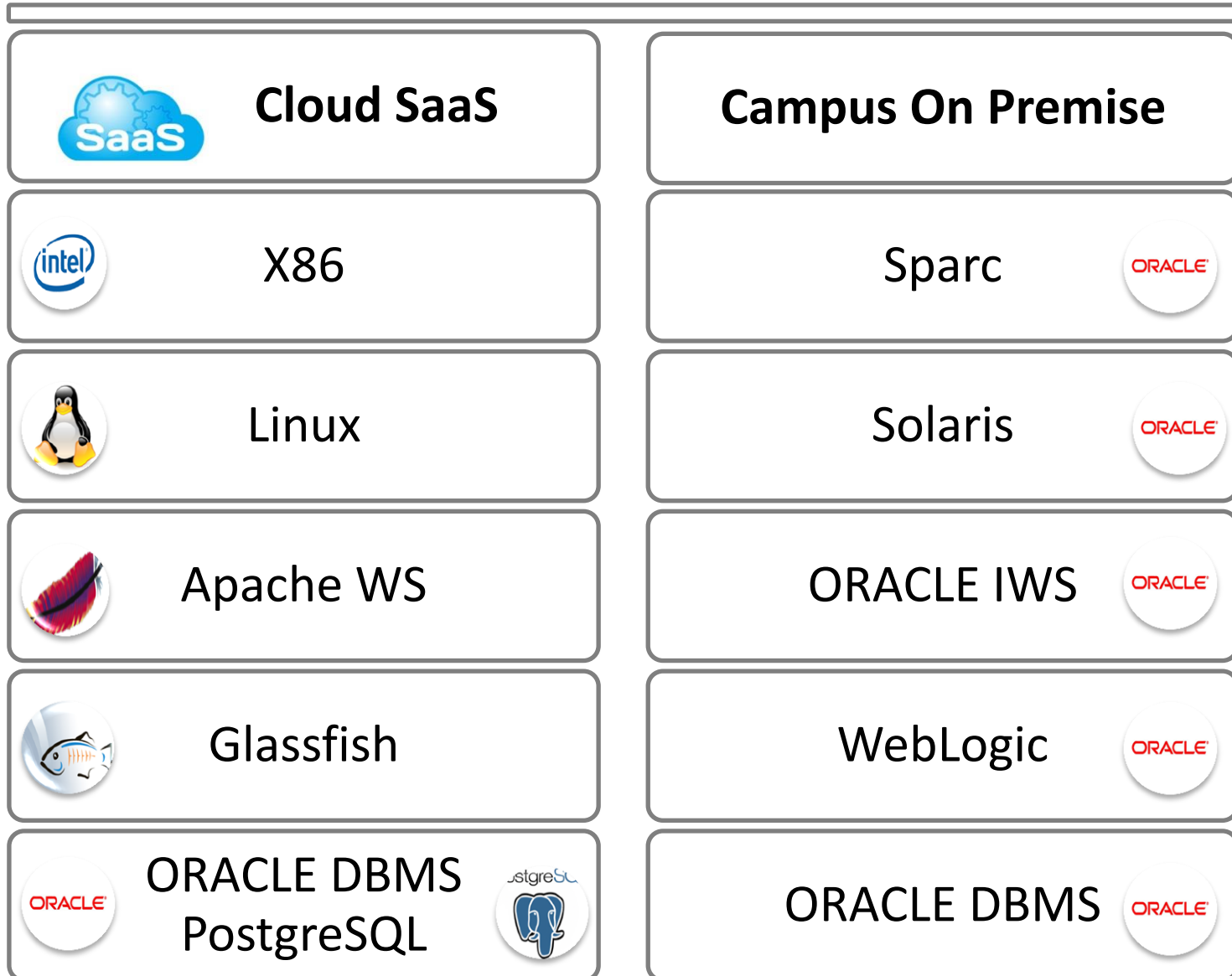


# Technology



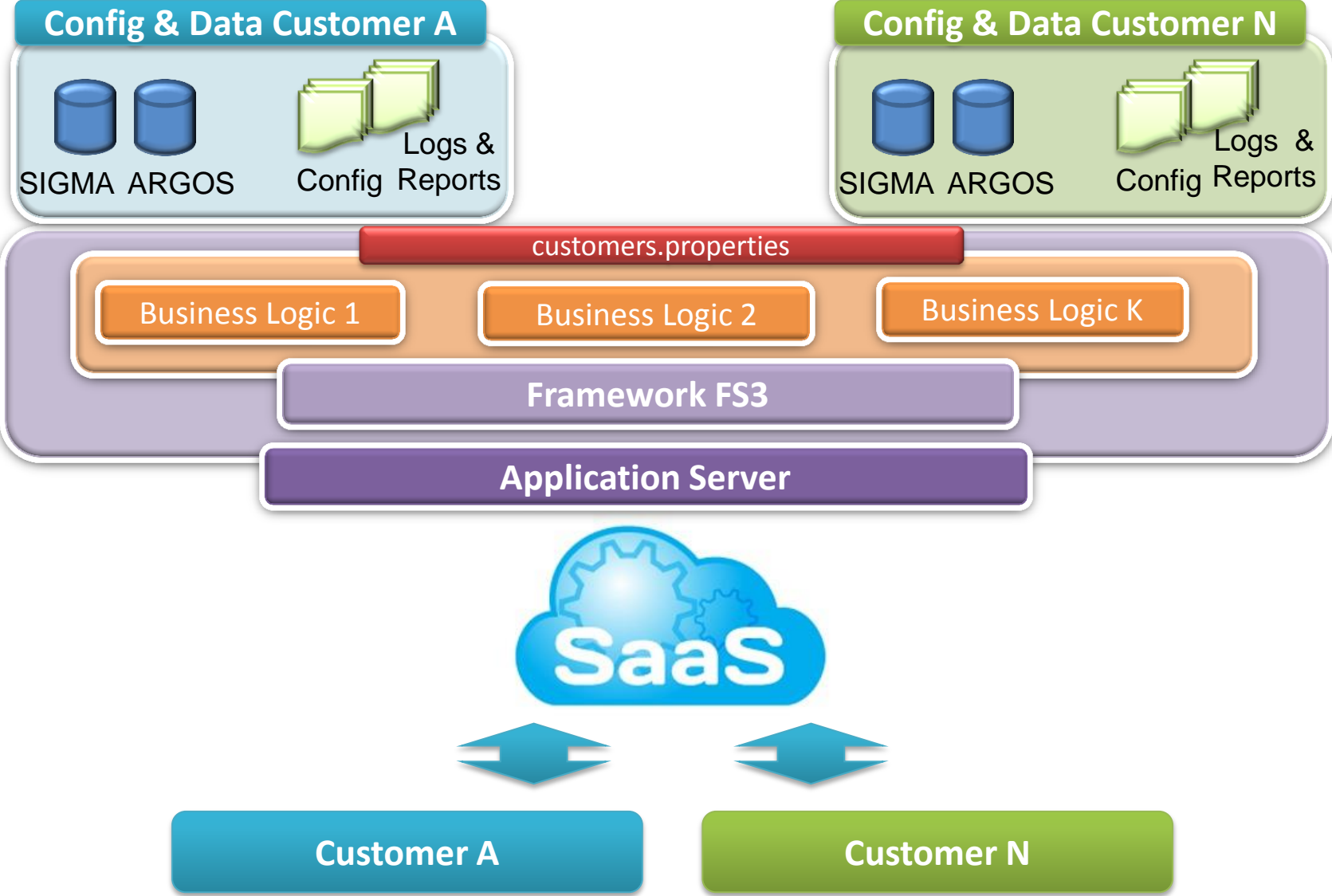
**Technology and Innovation** are the backbone of the services and solutions provided, based on a highly **open source** development and deployment platform for **J2EE5** certified application servers compliant on a multi-tier and high performance proven open architecture

# Delivery Platforms



# Innovation

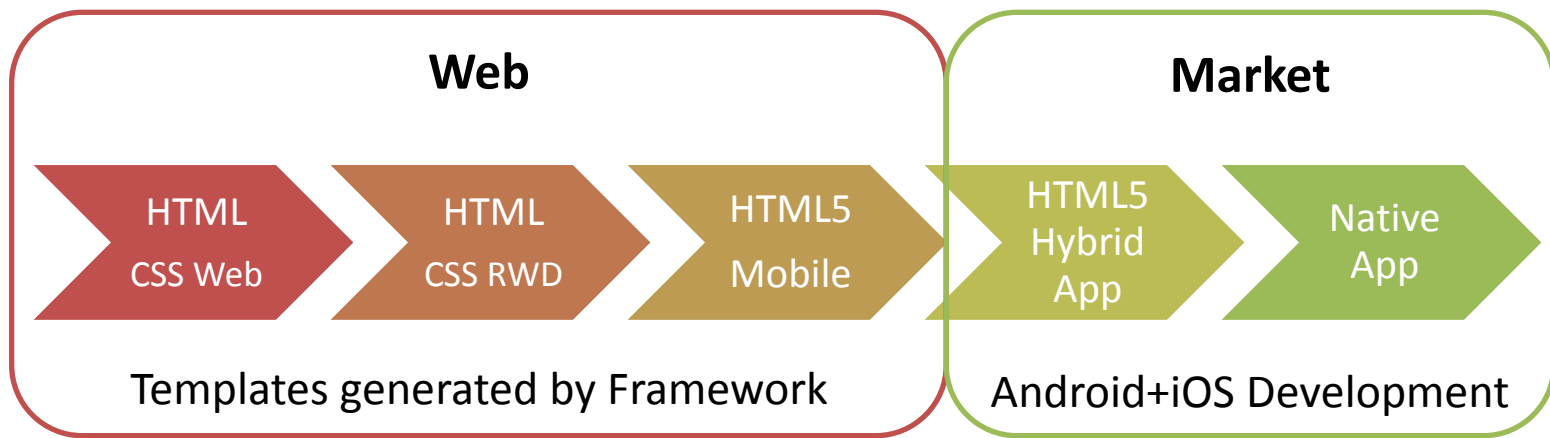
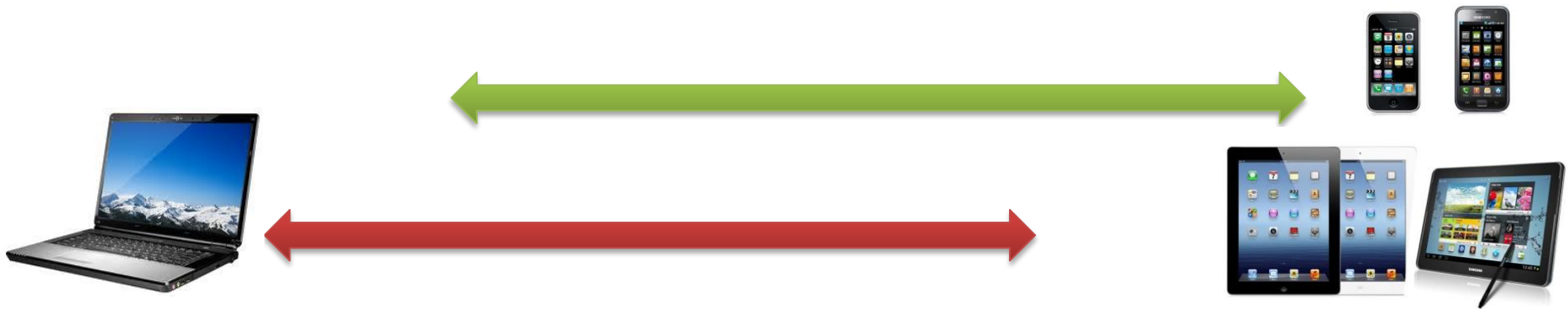
## Multi-tenant Framework for SaaS





# Innovation

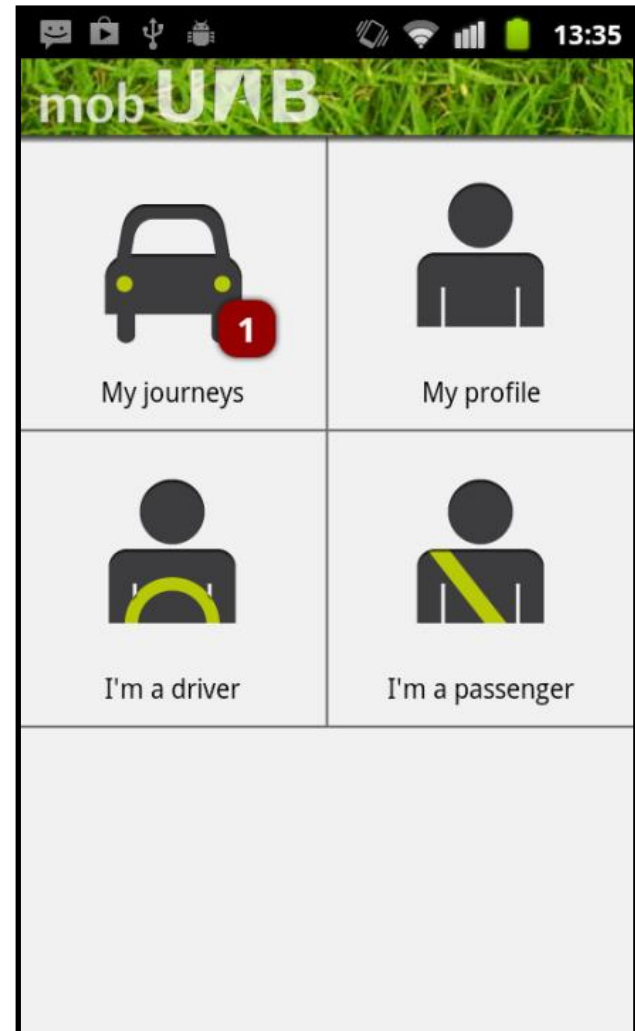
## Native & Responsive Web Design





# Innovation Mobile Social Apps

iOS

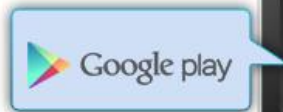




## SIGMA APPS

ANDROID

iPhone



responsability  
together  
work  
SOLUTION  
responsibility  
INSPIRATION  
challenge  
idea  
SIGMA  
COMMITMENT  
SKILLS  
ANALYSIS  
OBJECTIVE  
improvement  
LABOR

iOS



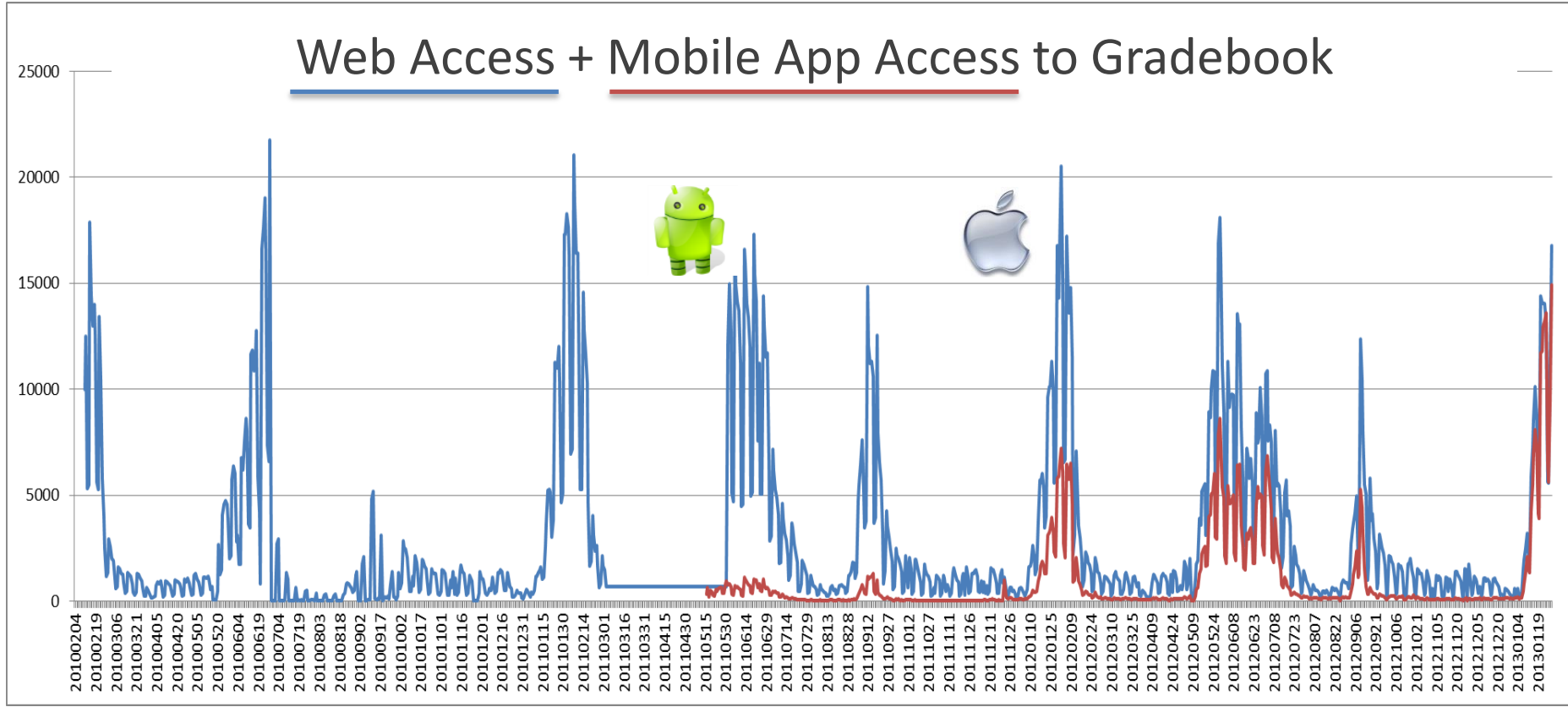
# Calificaciones

## First native Mobile App Access to Gradebook in Spain (2010)

- Secure login
  - On line DataBase access
  - Push notifications
  - Traceability
- ✓ Students first contact and loyalty
- ✓ Size of the mobile community



# Web Access + Mobile App Access to Gradebook



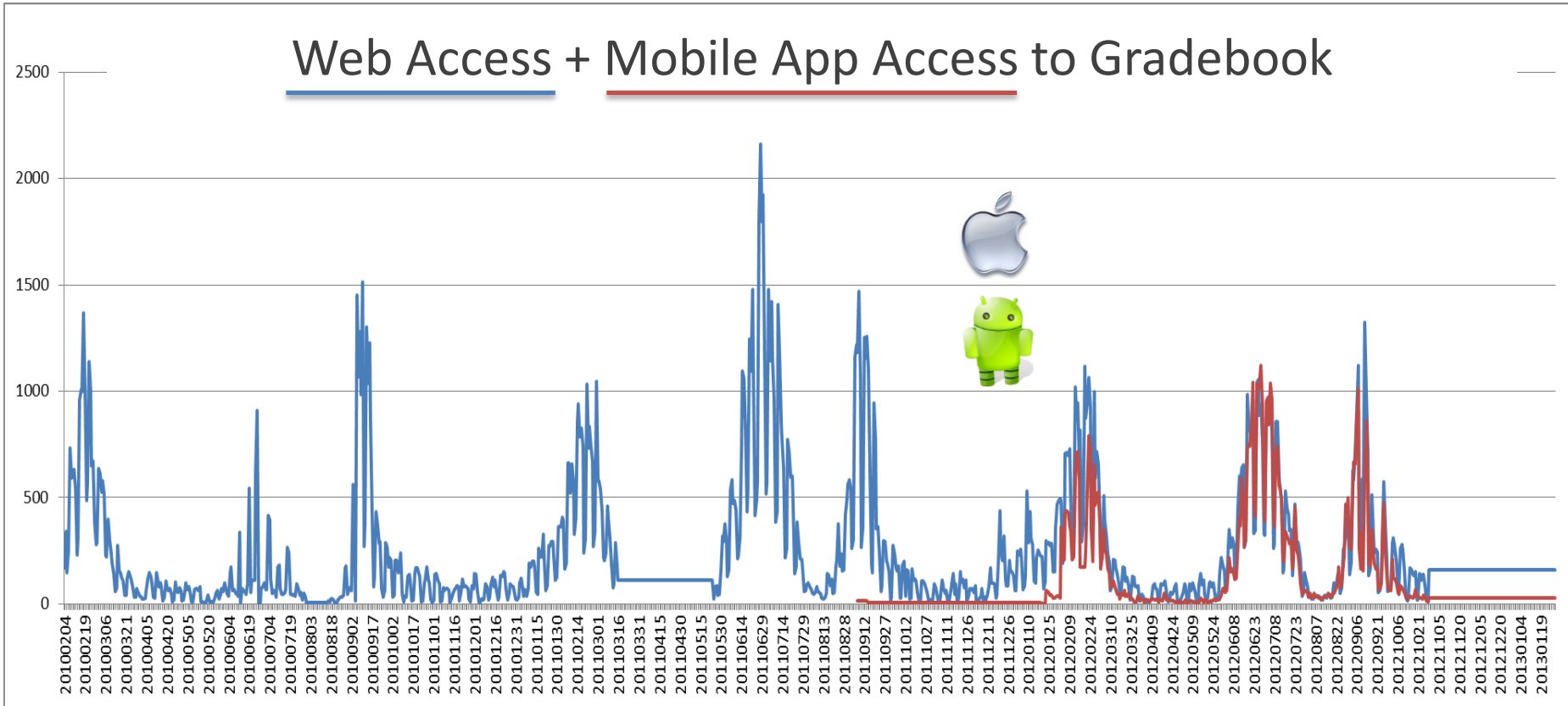
2010

2011

2012



## Web Access + Mobile App Access to Gradebook



2010

2011

2012

## University Community



- Students



- Teachers



## Networking Structure & Relationships



- SIS



- CLE eLearning



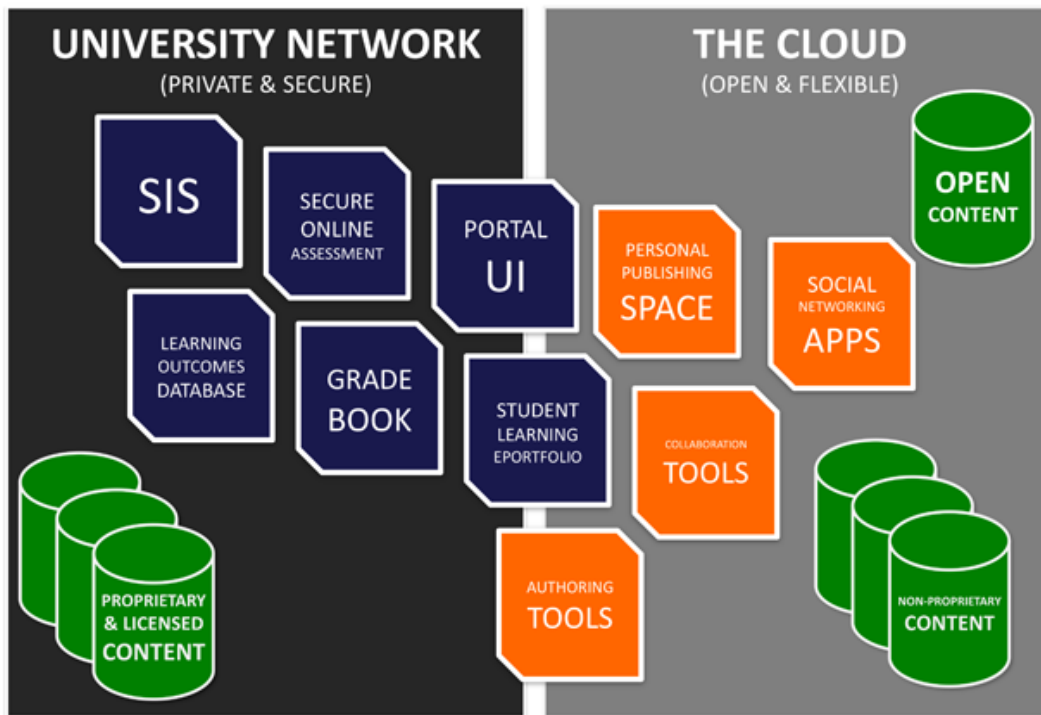
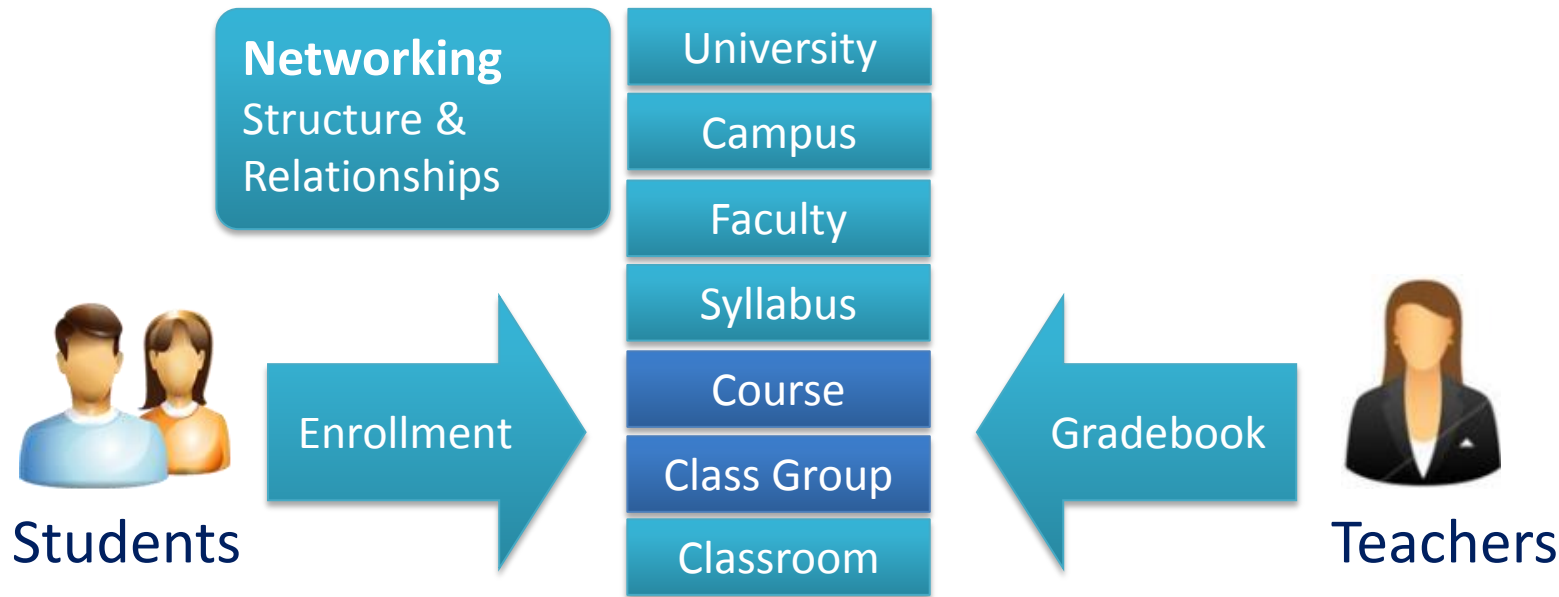
## Mobile Social App



- Mobile App  
“Blackboard”



- Devices





iOS



## Messaging Native Social App for the existing structured community

- Secure login
- On line DataBase access
- Push notifications
- Traceability

- ✓ Teachers and Students
- ✓ Enhanced messaging capabilities



- **Messaging**
  - Students and teachers
  - Information & Alerts
  - New message notification
  - Comment in blog mode
- Accessing **resources** from the CLE courses and the **Gradebook**
- Integrated **web page** within CLE only for teacher's use
- Attaching and sharing **documents, videos, ...**
- Institutional **Bulletin Board**

# PIZARRA:

UVa

La comunidad académica UVa en el móvil

Ahora más social



¡Actualiza tu app!  
También disponible para tu iPhone

descárgatela



UVa

Universidad de Valladolid

SIGMA

technological innovation for universities











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