

The University Course Evaluation pilot

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& Press – “Diophantus”

Trust in the Digital World

Enabling the Economics of Trust

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Objectives of the pilot



- Planned within WP7: participation of eligible students in remote course evaluations – also give feedback to ABC4Trust
- Main WP tasks:
 - Information days and information material for participating students
 - Design of pilot system architecture
 - Implementation and deployment of the pilot system
 - Scheduling and realization of the pilot
 - Feedback to ABC4Trust technology developers

CEID and CTI



- Co-located in the University of Patras campus
- Close collaboration (many faculty members of CEID collaborate with CTI and vice versa)
- Established in 1985
- 5-year computer engineering curriculum
- Accepts ~250 new students each year

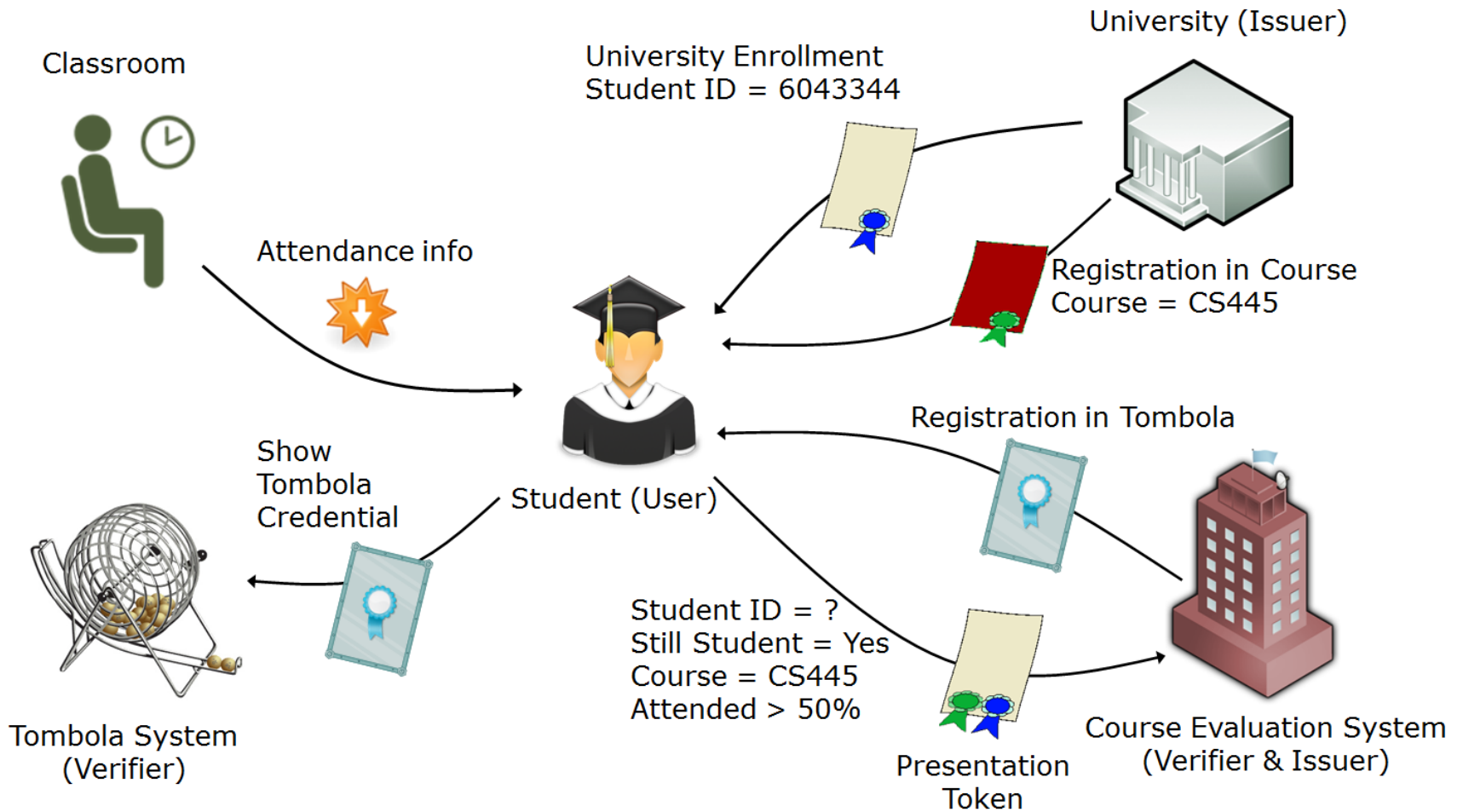


CTI

- Established in 1985
- Undertakes R&D ICT projects
- It has 10 distinct activity sectors
- Employs about 200 employees with ~40 MSc or PhD holders



The pilot scenarios



Participation steps for the students



Beginning of the Semester

- Get Smart Card
- Register Smart Card
- Get a University Credential
- Get a Course Registration Credential

During the Semester

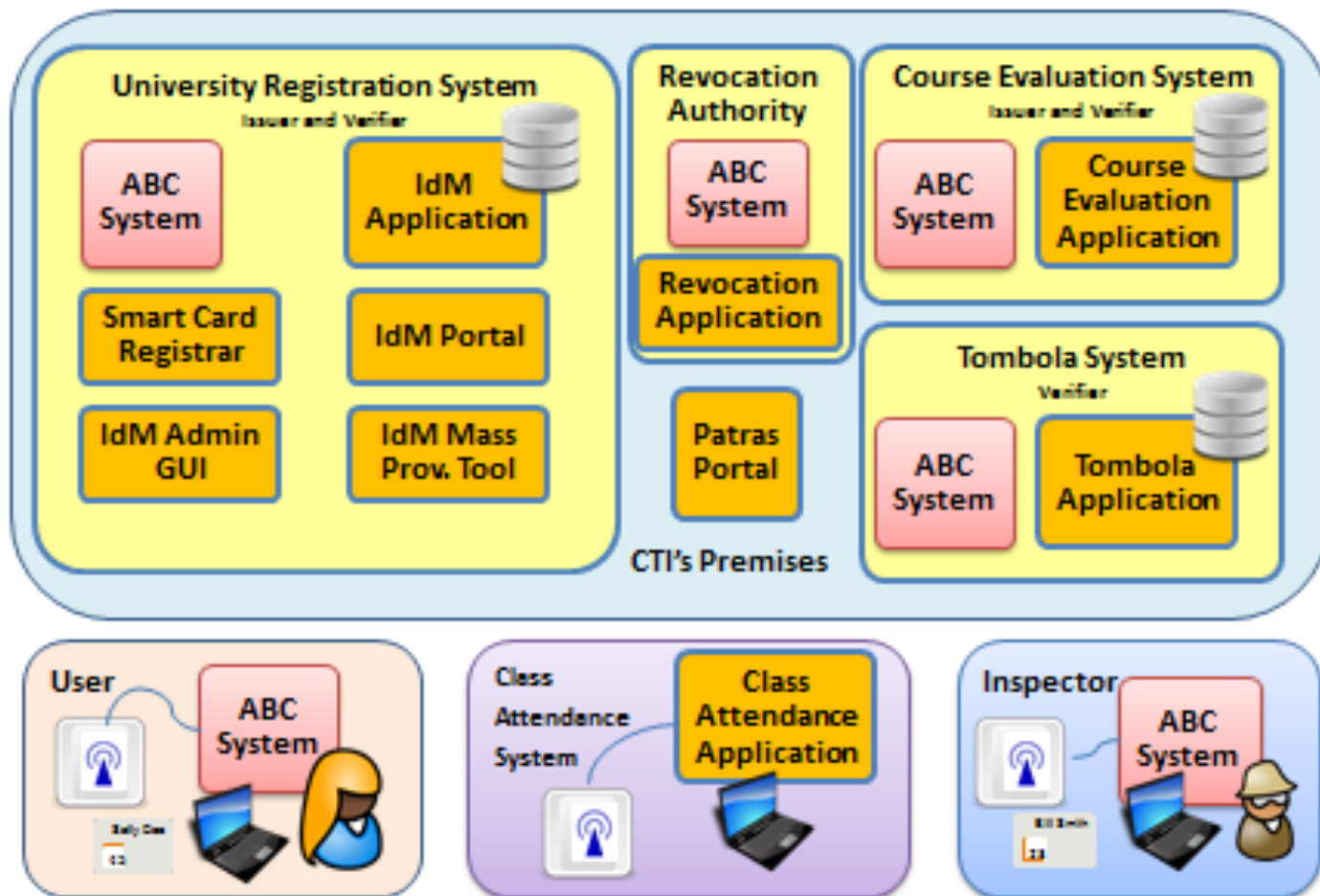
- Collect Class Attendance Evidence
- Periodic Backup of Smart Card
- Smart Card Restore in Case Needed

In the end of the Semester

- Participate in the Course Evaluation
- Obtain Tombola Credential (if so desired)
- Participate in the draw to win a prize
- Inspect the Tombola Credential to identify the winner
- Revoke the University Credential, if necessary

High Level Pilot System Architecture and Components

High Level Architecture / Patras Pilot



University Pilot Portal



<https://ces.cti.gr/Portal/Portal.html>

The screenshot displays the University Pilot Portal interface with the ABC4 TRUST logo at the top left. The main content is organized into three columns:

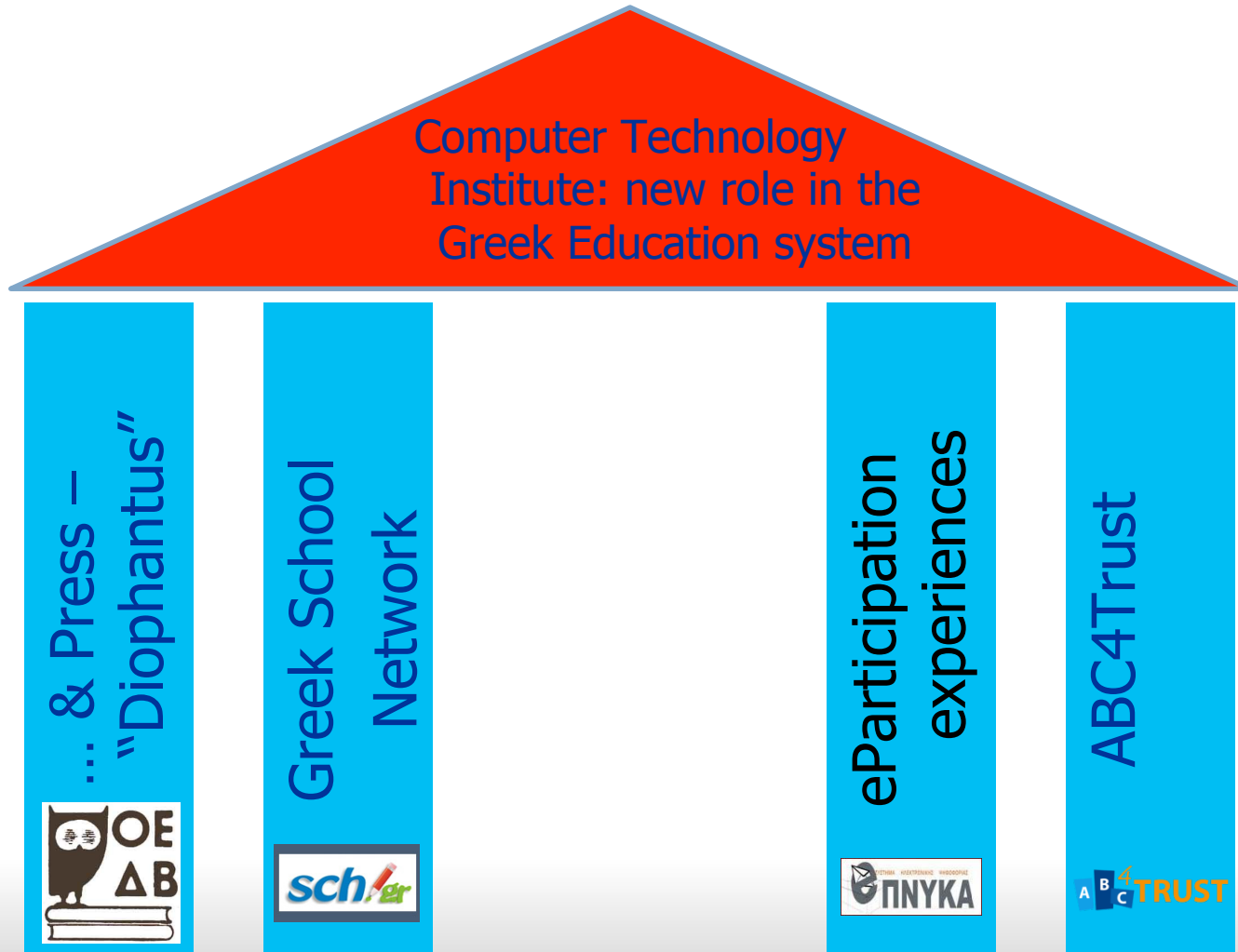
- Get Credentials:** Features a screenshot of the 'idm Application' page. Below it, the text reads 'IDM Portal' and 'Please log in to to IDM Portal to get your credentials.' A blue 'Continue' button is at the bottom right.
- Evaluation:** Features a screenshot of the 'Course Evaluation System' page. Below it, the text reads 'Course Evaluation System' and 'Please visit the following link in order to evaluate a course.' A blue 'Continue' button is at the bottom right.
- Instructions & Software:** Contains the text 'Please download the necessary software and the following documents to see the steps you need to follow.' and a blue 'Continue' button at the bottom right.

Below the 'Instructions & Software' section, there is a 'Backup' section with the text 'Backup your Smart Card.' and a blue 'Continue' button at the bottom right.

At the bottom of the page, the copyright notice reads: © Copyright 2012 CTI All rights reserved.

Beyond the pilot

Today, CTI has a new role as a governmental educational agency and operates resting on four strong pillars:



The Greek School Network (GSN)



GSN is the **Educational Network** of MoE – **Eleven (11) years of operation**

It connects: **16.030** schools, **>8.000** school LANs, **899** education administration bureaus, lifelong learning organization, **594** libraries, **60** archives of the State, etc.

Provides personalized access to **77.382** teachers and **51.173** students.

Closed educational intranet – **security** for students is one of the prime objectives.

Develops, provides and supports **value added services**, specially designed for **education** and for **administration of education**.

Extended use of **open source** software.

Helpdesk: supports **>30.000 tickets/year** and a **multiple number** of phone calls

It provides the «**social**» **space** and the **means** for the creation of **Educational Networking Communities**.

Cofounded by **European Union** and **Greek state**

Designed, implemented and operated by the **Ministry of Education** and twelve Research Centers, Universities and TEI.

Some envisaged scenarios based on Privacy-ABCs



- Pupils:
 - No access to web pages with illegal content but access to other school services such as:
 - Chat rooms
 - School forum
 - The educational material which is uploaded on the Greek School Network
- Teachers:
 - Access to various GSN services related to educators, such as:
 - Chat rooms for teachers only or for parents and pupils
 - School public discussion forums
 - Educational material uploaded on the GSN by other teachers
- Parents:
 - Access to a variety of GSN services related to parents, such as:
 - Forum where teachers can, also, participate and exchange views with parents
 - Forum or a chat room only for parents
 - The educational material which is uploaded on the Greek School Network

Our demo!



Shows the following use cases:

- Registering a smart card to the *University Registration System* and obtaining **credUniv** and **credCourse** credentials
- Obtaining attendance units using the *Class Attendance System*
- Participating in the course evaluation using the *Course Evaluation System* – presentation of **credUniv** and **credCourse** and issuance of **credTombola** (carry over attribute)
- Participating in the prize winning lottery using the *Tombola System* – presentation of **credTombola**
- Inspection, to identify the winner, using the *Inspector* – inspect a presentation token and uncover the winner's *matriculation number*
- Revocation of **credUniv** using the *Revocation Authority System* – rejection from the *Course Evaluation System*

Thank you!

www.abc4trust.eu



Questions?



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