



Co-funded by the
Erasmus+ Programme
of the European Union



DECAMP

Open Distributed European Virtual **CAMP**us on ICT Security
Uniting EU students!

Italy



Finland



Germany, Initiator & Coordinator



Romania



Spain



UK

- The 1st ERASMUS+ Project in the EU on ICT-Security online courses
- Co-funded with EUR 415,000 by the ERASMUS+ Programme of the European Union
- An international strategic Partnership with 6 EU partner Higher Educational Institutions <HEIs>



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6 ICT-Security Online-courses.

- **Course 1: Secure Network Management and Computer Networks (MUAS):** Bachelor Level
- **Course 2: Applied Web Application Security: Attacks and Defence (MET):** Bachelor Level
- **Course 3: Cloud Networking Security (UC):** Bachelor Level
- **Course 4: Security of eHealth Systems (UPB):** Master Level
- **Course 5: Wireless Networking Security (UNIPD):** Master Level
- **Course 6: Applied Computer Forensics (USW):** Master Level

The Course contents:

- investigate classical threats to computer wired and wireless networks, and network management, understand the potential impact of attacks on organisations
- use of tools and techniques to assess, mitigate and manage vulnerabilities in a open heterogeneous distributed networks
- create cyber-based early warning systems which detect and ward off attacks
- design, develop , implement and manage secure network and web applications
- investigate eHealth systems security, design and develop protocol enhancements to protect data transfer and data access
- investigate issues relating to open source forensic analysis tools and techniques



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The Partners agreed to

- *recognize the 6 DECAMP courses for credits*
- *maintain, update and deliver the DECAMP courses after Project completion*
- on-going cross-border collaboration as a further step in **reaching the goal of each partner HEI's internationalisation strategy**
 - future joint collaborations, such as joint Ph.D. (co-) advisors to support European Ph.D. programmes
 - joint European research projects
 - joint master theses (co-) advisors
 - exchange professors for summer schools
 - jointly teach online intensive courses
 - involve students in collaborative projects within DECAMP courses



DECAMP

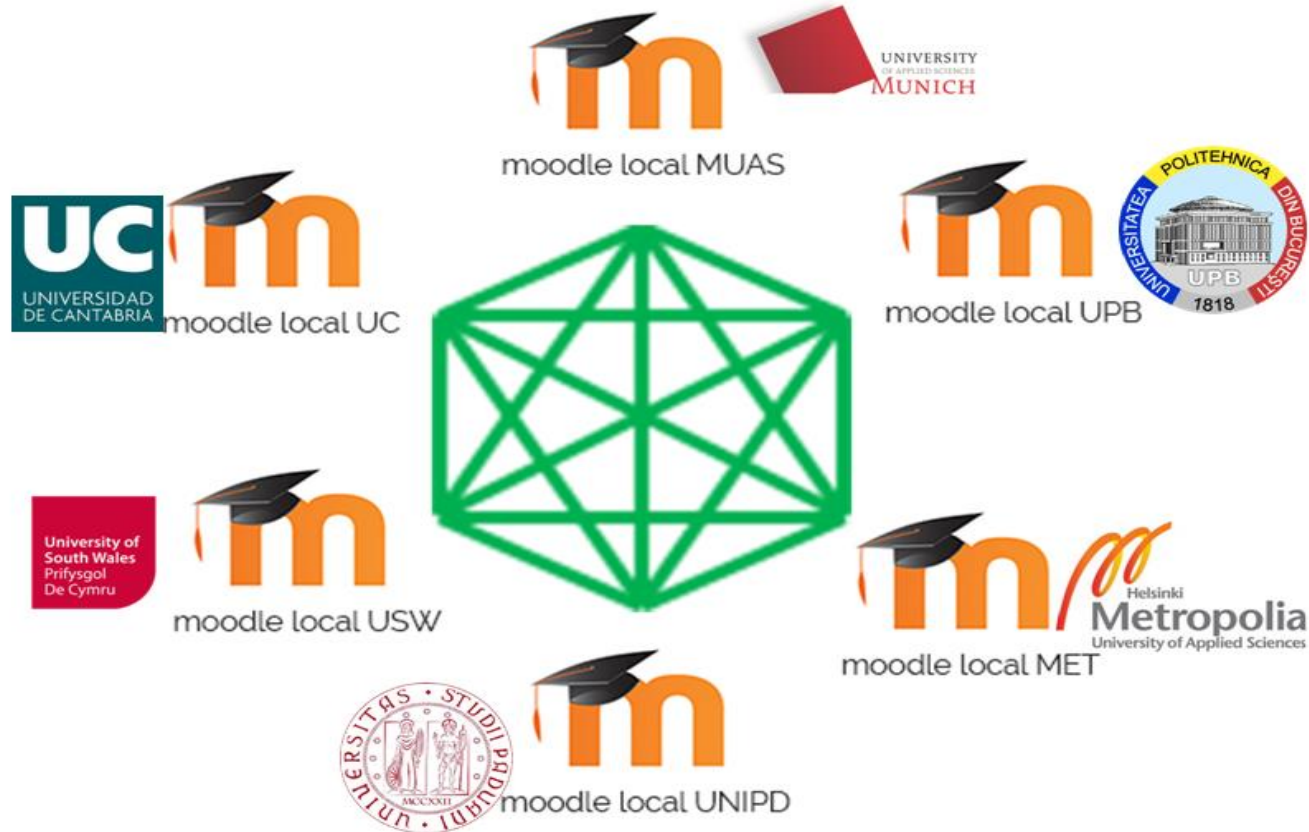
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Connect all partner Moodle systems so that the students from partner HEIs can access courses located at other partner HEIs





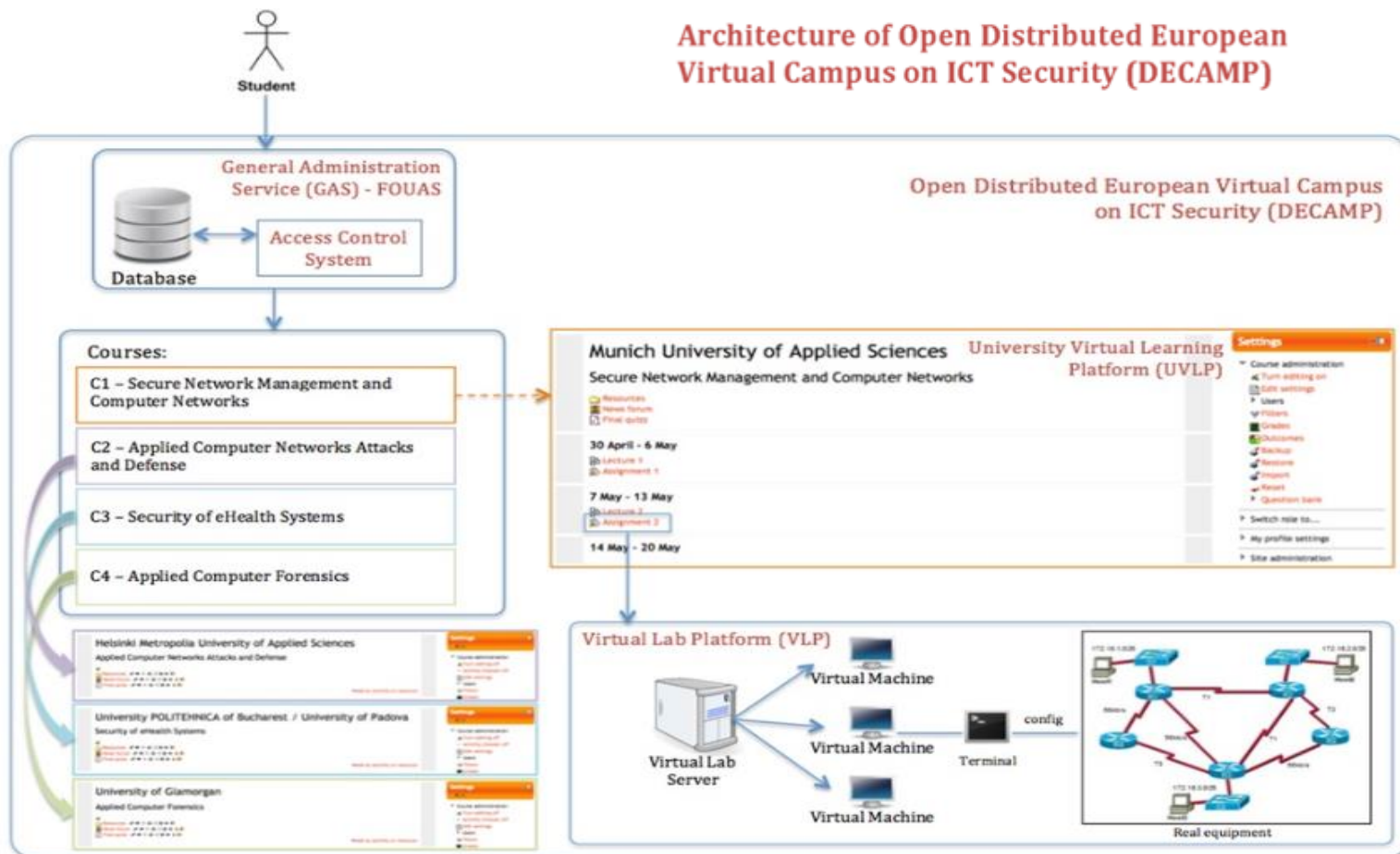
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Architecture of Open Distributed European Virtual Campus on ICT Security (DECAMP)





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DECAMP Architecture

- **Course and User Administration System (CUAS)**
- **University Virtual Learning Platform (UVLP)**
- **Virtual Lab Platform (VLP)**

- **Dissemination**
- **Course Rollout: Spring 2017**
- **Integration of all DECAMP ICT-security online courses in the annual curriculum of all partner HEIs**

DECAMP Uniting EU Students!