

1ST Experimental High School of Athens

- Presentation of final infrastructure

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Information Technology in Education

- *Information Technology is the use of hardware, software, services, and supporting devices to manage and deliver information for educational purposes.”*

Major Strategic Themes in our High School

- Use the available resources so as to achieve an infrastructure capable of providing :
 - Ubiquitous access to information
 - Data privacy and user security
 - Minimize the time for setting the system up and running
 - Minimize system recovery times after a malfunction has taken place
 - Create a dynamic educational system so as to make Innovative Use of Learning Technologies

Available Resources (hardware)

- Personal computers (40)
- Smart boards and their projectors. (14)
- Network hard disks (1)
- External hard disks (1)

Available Resources (software)

- Operating software (Windows – Ubuntu)
- Application software. Educational software for learning purposes. (Interactive Physics, sketchpad etc)
- Security software (Antivirus programs, K9 security software and Deep freeze)

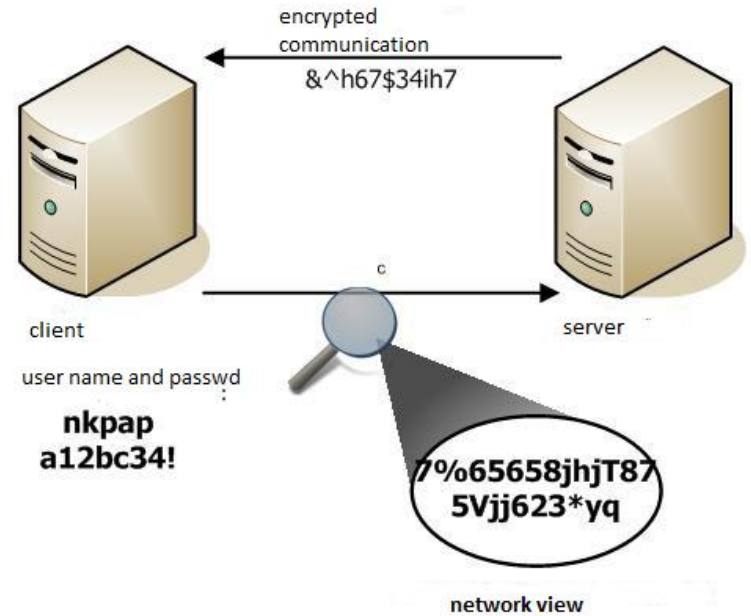
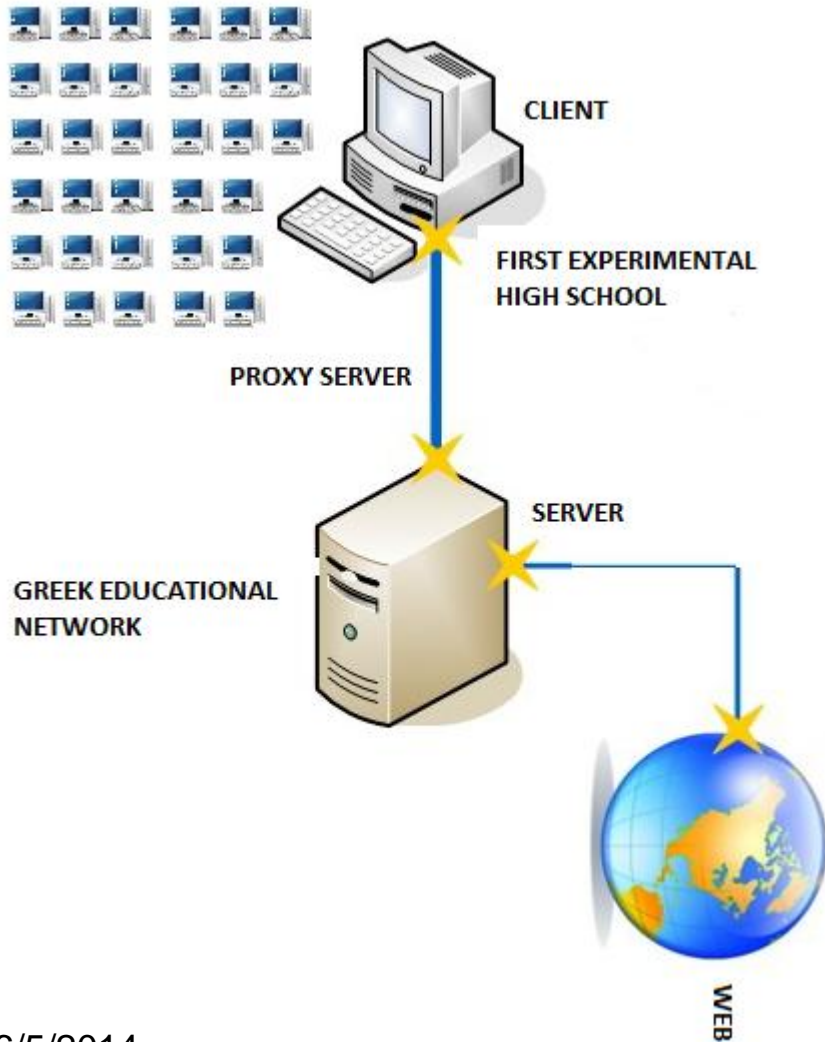
Available Resources (Development and use of Applications Services & Platforms)

- Powerful learning platform (Moodle)
- Web Site
- A Database for the descriptive evaluation of our students
- A custom library automation software

Ubiquitous access to information

- Personal computers everywhere
- Students corners
- Available laptops for the personnel
- Private invisible wireless network (Galileo)

Data privacy and user security



- 1) Use of k9 security software
- 2) Use of deep freeze software
- 3) Antivirus programs

Minimize the time for setting system up and running

- Use of a network hard disk.
- Access from everywhere inside high school

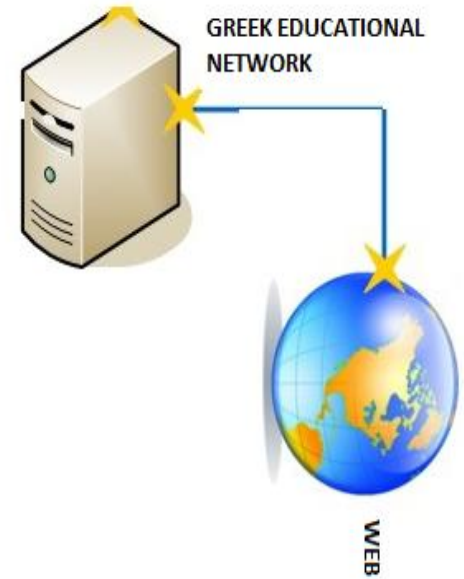
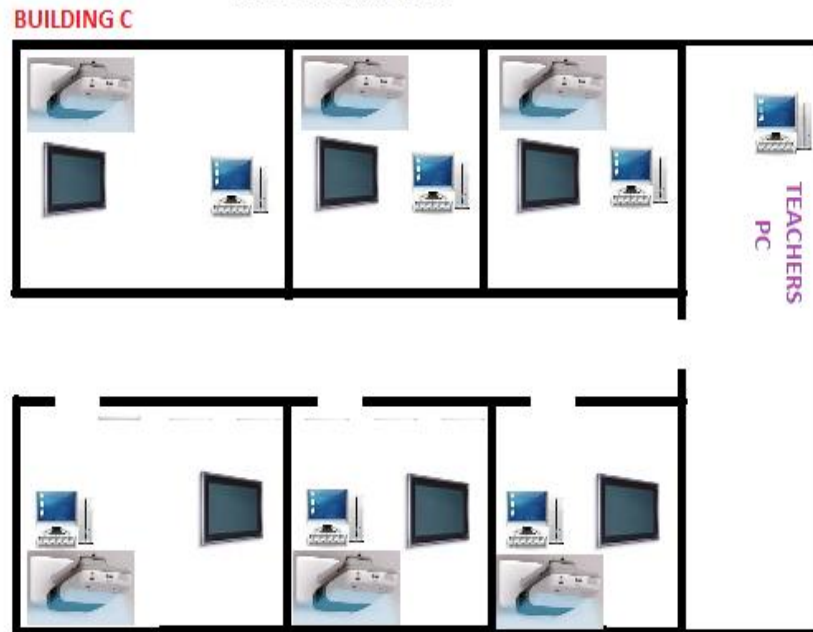
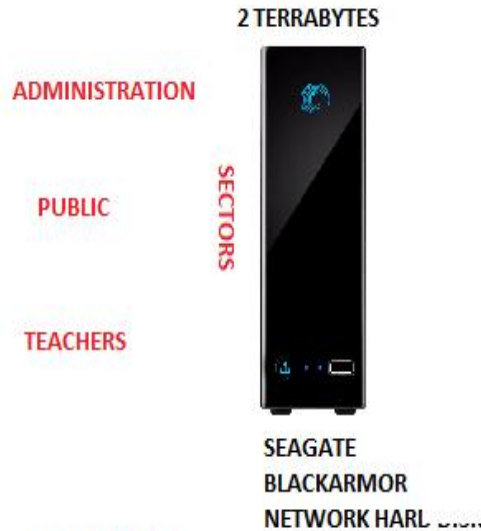
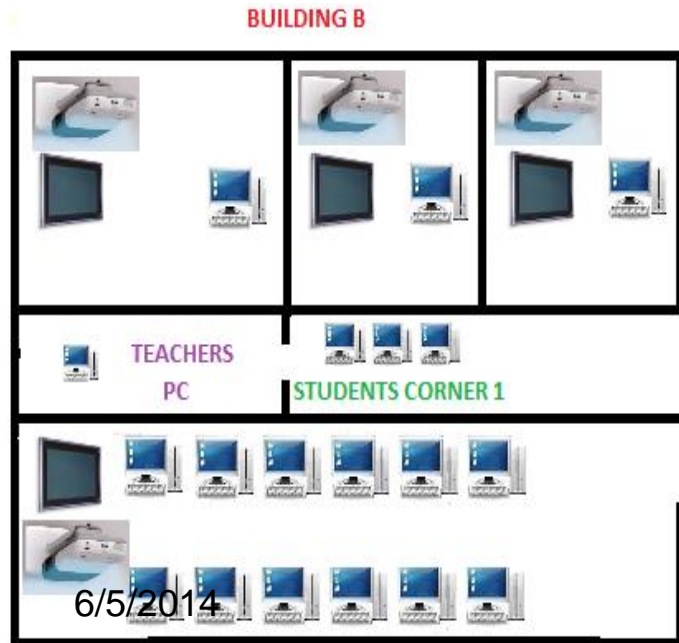
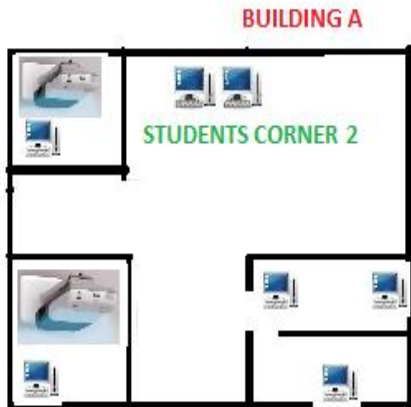


Minimize system recovery times after a malfunction has taken place

- Use of an external hard disk with basic computer images.
- Use of up to date automated back-ups.



Shape of final infrastructure



- Thank you for watching