



University of Athens

**Communication Networks Laboratory (CNL)
Network Operations and Management Center (NOC)**

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UoA - Communication Networks Laboratory (CNL)

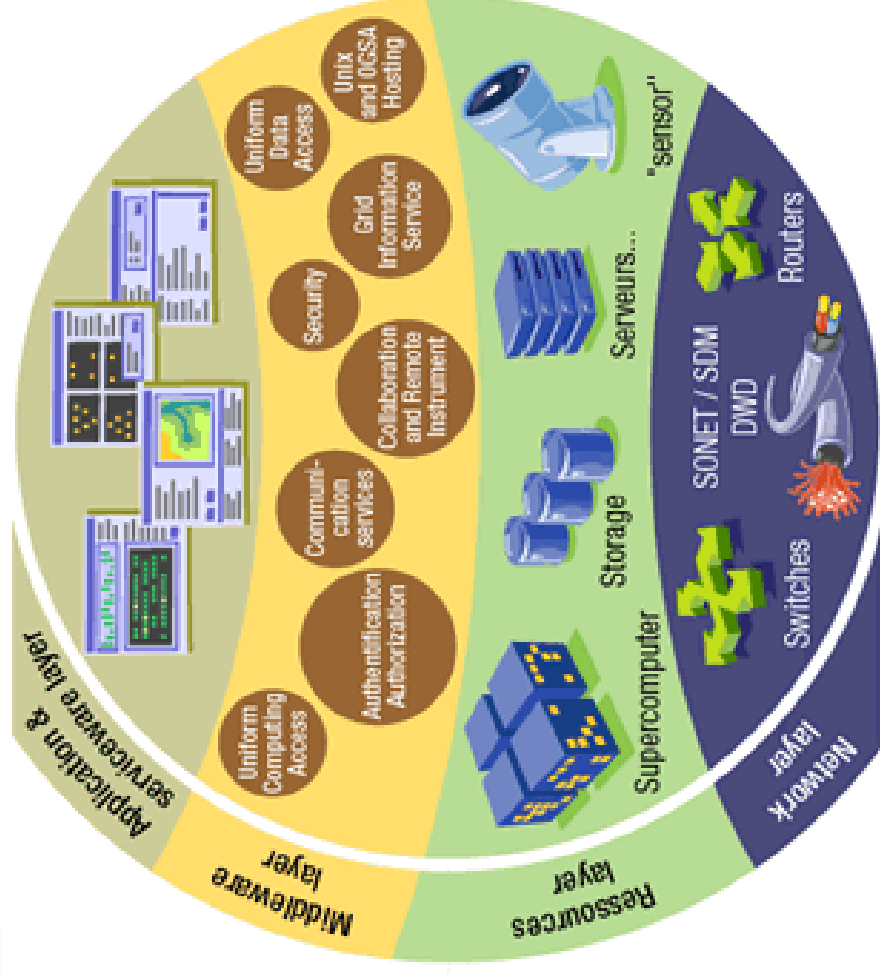
- **CNL staff**
 - ✓ 32 researchers and engineers holding PhD or MSc degrees
- **R&D focus**
 - ✓ Broadband networks
 - ✓ Middleware platforms
 - ✓ Mobile/Wireless communications & computing
 - ✓ Advanced applications and services
 - ✓ Protocol Specification/Verification/Testing
- **Over 300 publications in archival journals and conference proceedings**
- **Funded projects**
 - European Commission- IST (14)
 - Greek Ministries (Research and Technology, Education) (11)
 - Industry (9)

Network Operations and Management Center (NOC)

- Operates and manages the UoA network infrastructure and services
- Operates the **private fiber optic network** (15 year IRU) connecting the three major UoA sites at Gbps speeds: Main Campus (Panepistimiopolis), Health Sciences Campus and UoA Hospitals (Goudi), and Athens Center
- Develops and manages the UoA tele-education services
- Has led and participated in major national networking projects:
 - GUnet – Greek Academic Network
 - EDUnet – Greek School Network
- Expertise in middleware and service development
- Contributions to major open source projects

Grid Architecture

- Users Applications
Tools and applications
- Collective Services
Directory brokening,
diagnostics and monitoring
- Resources & Connectivity
Protocols
Secure access to resources
and services
- Fabric
Diverse resources such as
computers, storage media
networks and sensors



Testbeds & Sites

■ Deployment

■ Training

