UCOPIA

COMMUNICATIONS

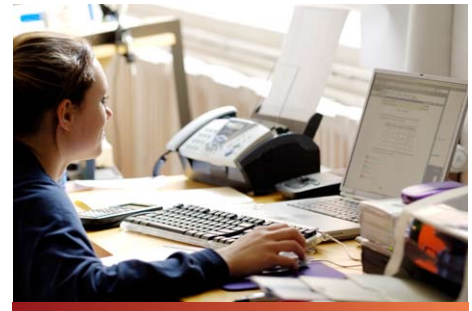## UCOPIA, FOR HIGHER EDUCATION AND RESEARCH INSTITUTIONS

✕ OUR WEB PORTAL, A SECURE WAY TO SHARE YOUR NETWORK

• Internet access for students, teaching staff, researchers and administrative personnel across the whole campus and student rooms.

• Access to educational and administrative applications and the internet, depending on profile and context

• Temporary access for visitors

• Security and management of Wi-Fi and/or wired access

• Simplicity and ease of use

• Ensuring compliance with the 2006 antiterrorism legislation and connection data logging (EU directive 2006/24/EC)

✗ INTERNET ACCESS FOR ALL USER POPULATIONS IN HIGHER EDUCATION INSTITUTIONS

The high need for students and university staff to have mobile access, and the expansion of Wi-Fi networks in general, comes up with specific issues within higher education institutions:

• **Users security and the resources available** over the network

• **Legal obligations:** local authorities offering internet connections are obliged in France and across Europe to retain connection data for 12 months (EU directive 2006/24/EC)

• **Authentication:** the applications to which an individual will have access depend on the profile – student, teaching staff, administration staff, visiting speakers, etc.

• **Smooth deployment and operation on sites** often stretching over tens of thousands of square metres

• **Handling roaming** between campuses

• **Compatibility with higher education directory and digital working environments.**

✗ UCOPIA, MEETING THE NEEDS OF HIGHER EDUCATION AND RESEARCH INSTITUTIONS

• Security levels appropriate to user population categories

UCOPIA can be used to define security levels in keeping with the various types of user populations in institutions – students, teaching staff, researchers, admin staff, guest speakers, visitors, etc.
The authentication method can be customised for each of these populations, as can the access rights to network resources and applications. UCOPIA is adaptable to VLAN architectures set up on the wired network.

• UCOPIA meets legal security and traceability requirements
(Decree of 24 March 2006 in France, EU directive 2006/24/EC)

With its mechanisms for authentication, control, data filtering and logging in an SQL database, **UCOPIA ensures the security of the network and users, and the traceability of connections.** UCOPIA stores a historical log of connections (who did what and when), an essential feature in response to the requirements of anti-terrorism legislation. UCOPIA also contributes to observance of the Renater policy (usage policy applying to a network of educational and research establishments).

• A solution which integrates with legacy systems

UCOPIA is an operational solution which flexibly and seamlessly integrates into a legacy architecture (LDAP directories, Active Directory, cascading directories).
UCOPIA is adaptable to VLAN architectures set up on the wired network, a researcher's Wi-Fi traffic can simply be redirected to his or her laboratory VLAN.
UCOPIA's solutions are independent of any Wi-Fi hardware (access points). They give schools and universities an assurance of the long-term future of hardware choices made, and adapt to technological changes in computer equipment completely transparently.

• Guest access (student from neighbouring campus, guest researcher, lecturer): ease and simplicity

Thanks to the UCOPIA user account creation tool and user authentication by Web portal, accommodating visitors on the network is straightforward with no burden.

UCOPIA makes it easy to:
- Provide a password (delegated administration, bulk account creation for a conference)
- Define access rights (internet, email, printer, bandwidth)
- Define connection conditions (e.g. from 10 a.m. to midday in the library, fixed time per day, a 3-hour credit for a week, etc.)
- Provide a ticket containing all the information needed to connect
- Let visitors register themselves over the internet and immediately send them a password by text message to their mobile phone.
- Automatically cancel the visitor's rights on departure.
All this can be accomplished by an individual with no network skills (receptionist, meeting organiser).

80 MORE THAN INSTITUTIONS
EQUIPPED IN 2010

OUR BEST REFERENCES IN 2010:
École d'architecture de Lille, ESC Rennes, Institut National des Télécoms de Lyon, Ecole Supérieure de Gestion de Paris, Ecole Nationale des Travaux Publics de l'Etat, l'École des Hautes Etudes en Sciences Sociales, American School Paris...

✗ TESTIMONIAL FROM THE FRENCH NATIONAL COLLEGE FOR POLICE SUPERINTENDENTS, ST CYR AU MONT D'OR (NEAR LYON)

"UCOPIA Express 100 means that students at the college who are not police officers can now connect to the internet from their room, via a secure wired link, very easily, and, importantly, such that the college can meet its traceability obligation as stipulated by the legislation," says Jeannine BUISSON. Usernames are given to students when they arrive at the college with instructions in French and English. "We are very happy with the UCOPIA solution. We are planning to deploy it in a new building which will be dedicated to welcome international seminars

Jeannine BUISSON,
Chief Superintendent, Head of External Relations department