THE UCOPIA EXPRESS SOLUTION

Facilitate a productive environment for your contractors, partners and visitors with guest internet access on your premises.

UCOPIA Express mainly targets small organisations (SMEs, clinics, branch offices, schools, etc.).

EXPRESS 5
> 5 concurrent connections

EXPRESS 10
> 10 concurrent connections

EXPRESS 20
> 20 concurrent connections

EXPRESS 50
> 50 concurrent connections

EXPRESS 100
> 100 concurrent connections

EXPRESS 200
> 200 concurrent connections

EXPRESS 300
> 300 concurrent connections

EXPRESS 500
> 500 concurrent connections

EXPRESS 1000
> 1000 concurrent connections
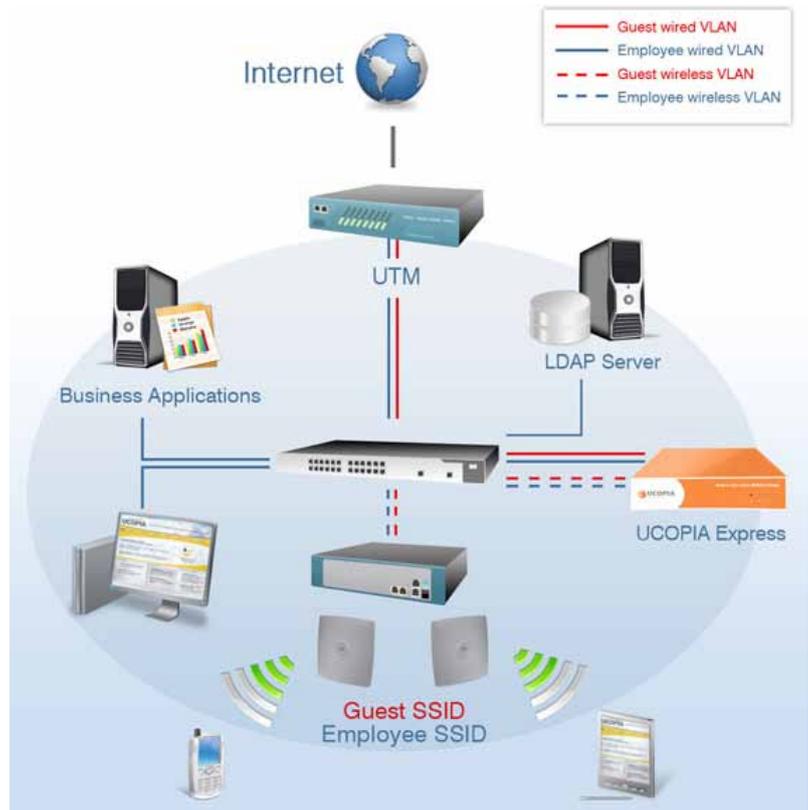
UCOPIA Express is positionned between a corporate LAN and a wired (Ethernet, DSLAM, CPL) or wireless (Wi-Fi) access network.
All traffic to or from users pass through the UCOPIA Express controller so as to ensure security, simplify LAN integration, facilitate administration and improve user experience.

Depending on the model, UCOPIA Express is able to handle up to 1000 concurrent users and is straightforward to install within the network infrastructure.

UCOPIA Express combines the key features of the UCOPIA solution in one simple to implement package. UCOPIA Express is particularly quick to install and implement, thanks to its straightforward and user-friendly graphical administration interface.
It includes all the modules needed to run operationally (LDAP directory, RADIUS server, DHCP server, etc.) and requires no additional tools or modules.

✕ IN-HOUSE SECURITY

USER AUTHENTICATION

UCOPIA Express incorporates a full server for authentication, which checks user identities.
It offers authentication by Web portal particularly suited to visitors through its ease of use. UCOPIA Express includes a RADIUS server to ensure a high level of security for employees. UCOPIA Express is able to interface with any type of directory (LDAP or Active Directory).
**Administration of authentication policies is carried out very simply via a secure Web interface.**

STRICT MANAGEMENT OF ACCESS RIGHTS

Each user has a profile, describing precisely that user's permissions (internet, email, in-house applications) depending on time, location and user role in the organization.
Profiles are dynamically applied whenever users are logged in.
Depending on the user's profile, UCOPIA Express can redirect user output traffic from the Express controller to a particular VLAN and redirect internet data traffic (proxy). This enables different user populations to be confined and thus the company's security policy to be enforced. UCOPIA Express is able to handle more than one profile, portal and data confidentiality level: UCOPIA Express complies with the encryption mechanism available in the terminals (TKIP, AES) and standardised by the IEEE 802.11i.
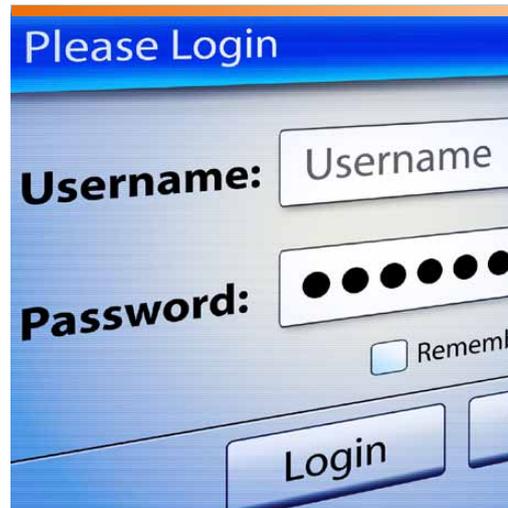
CONNECTION DATA LOGS

Whenever an organisation plays host to visitors, it is legally obliged to retain the connection data of those visitors who connect to the network (European directive 2006-24-EC and the French decree of 24 March 2006).
UCOPIA Express meets this requirement by managing session logs (who connected when) and activity logs (who did what). This data is stored in a dedicated SQL database and it can also be used to improve the network.

✕ MOBILITY MANAGEMENT

GUEST ACCESS

UCOPIA Express provides a response to the issues of secure guest access, zero configuration and managing user accounts.

A straightforward and user-friendly Web tool enables visitors to use the network. This customisable delegation feature can be used to define the delegate administrator's remit in advance. An authorised individual will be able to use UCOPIA Express to create a temporary account, and allocate a predefined profile to it with a time slot and/or time credit. A connection ticket will be generated and handed to the user. In addition to this visitor hosting tool, UCOPIA offers solutions allowing users to self-register on the UCOPIA portal. Under these circumstances, no third party intervention is needed; users receive their connection settings via text message on their mobile phones or buy time credit on-line making payment by credit card.

ZERO CONFIGURATION MOBILE ACCESS

User PCs or PDAs are not always configured appropriately for connecting to the access network. UCOPIA Express allows users to connect and access network resources with no prior configuration or installation, and with no need for technical support. IP addressing, internet proxies, email, etc. are all thus handled automatically.

User experience is greatly increased and technical support work reduced to a minimum.

ZONE MANAGEMENT

UCOPIA Express allows zones to be defined, such as reception areas or offices in a business, the lobby and rooms of a hotel, etc.

Depending on the zone from which a user is connecting, UCOPIA Express shows the appropriate authentication portal – free or otherwise, with or without time credits, etc.

The administrator can also decide to block access from certain zones, e.g. visitors blocked from connecting in the office zone.

A zone is associated with one or more VLANs.

✗ STRAIGHTFORWARD ADMINISTRATION

UCOPIA Express provides administration, configuration and supervision functions via a simple and intuitive Web interface.
UCOPIA Express in particular allows real time display of connected users and the applications in use.

✗ UCOPIA EXPRESS BENEFITS

BUSINESS SECURITY:
- Authentication, confidentiality, traceability, confinement
- Access control by profile (employees, visitors)
- Wireless and wired network sharing

MOBILITY MANAGEMENT:
- Customers, suppliers, subcontractors,partners
- Procurement, security, legal obligations
- Mobile devices (smart phone, tablets) applications

EASE OF USE, IMPLEMENTATION AND ADMINISTRATION
- Well-designed administration Web interfaces
- Zero configuration
- Branding and Web pages customization
- Seamless provisioning

THE UCOPIA EXPRESS SOLUTION

Appliance	Express 5	Express 10	Express 20	Express 50	Express 100	Express 200	Express 300	Express 500	Express 1000
Capacity (concurrent connections)	5	10	20	50	100	200	300	500	de 500 à 1000
Hardware	server 20			server 150		server 500 (rack1U)			server 1000 or 1000RDP (rack 1U ou 2U)

FEATURES		
Security	• Authentication (Captive web portal/HTTPS ; 802.1x/PEAP ; 802.1x/TTLS ; MAC Address or IP Address) • Credit card online payment via Paypal or Payline • Access rights depending on user profile • Controller's incoming VLANs • Redirection to outgoing VLAN depending on user profile	• Periodic transparent authentication • 802.11i compliant • Redirection to corporate portal • Intrusions detection • URLs before authentication • Policy acceptance pre-authentication
Mobility	• Zero configuration (DHCP/fixed IP mode ; Transparent email access ; Transparent internet access) • QoS • Connection time slot	• Time credit • Multi-portal • VPN pass through • Zones

Administration	• Security and mobility policy administration (services, user profiles, etc.)
	• Supervision of connected users
	• Statistics
	• Account provision by user self-registration and password notification by text message
	• Traceability (Automatic backup of log files via FTP ;
		User traffic logs (URL, applications) ; User session logs)
		• Delegated administration (guest access)
		    - Issuing connection tickets (print, text message, email)
		    - Bulk account creation from a CSV file
		• SNMP Support
		• Portal and connection ticket editor (customisation)

Inte-gration	• Integration with corporate LDAP directory (LDAP, ActiveDirectory) • Incoming VLAN integration • Outgoing VLAN integration	• Integration with Web proxy • Property Management System interface • Pre-Payed Systems (Stream wide)
Archi-tecture	• DHCP server • Local or centralised LDAP directory • RADIUS server	• Wired connection of user workstations • NAT/VLAN routing

	POWER SUPPLY	DIMENSIONS H x L x W
Server 20	12 W	52x270x160
Server 150	24 W	52x270x160
Server 500	80 W	44x430x470
Server 1000	90 W	44x430x505
Server 1000RDP	250 W	88x430x700