

# Secure, Easy To Use Access Control with Ucopia



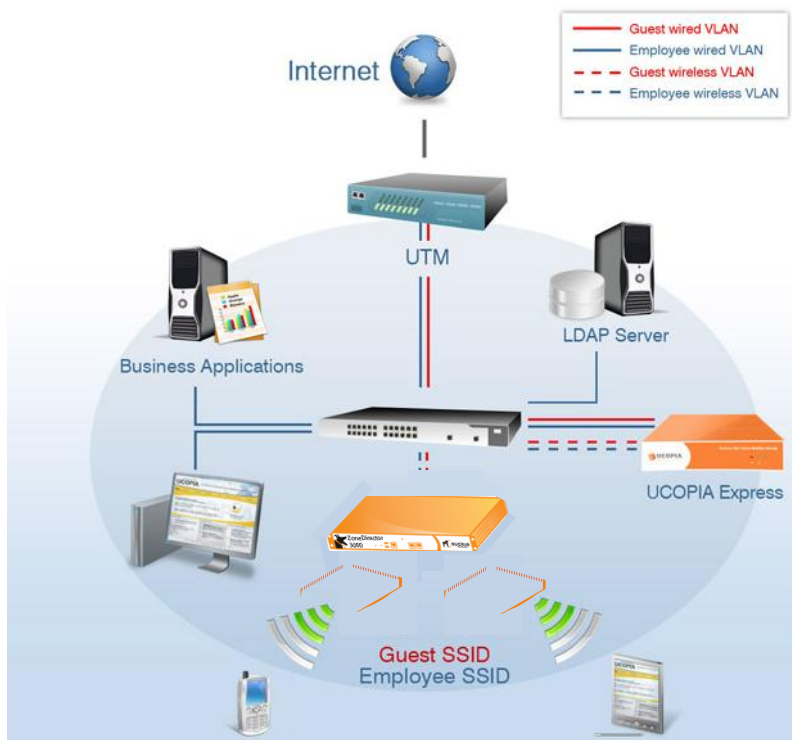
Ucopia is a leading web portal solution for managing access and complying with European Union requirements to trace the identify of public internet access users. It is widely deployed with Ruckus WiFi in hotels, offices, schools, health care facilities and other locations that offer easy to use staff and guest access without requiring any costly IT support.

## Ucopia Access Controller

Ucopia access control server offer complete functionality to enable and manage internet access. There are multiple options to provide passwords which can be defined to enable specific access rights including bandwidth, printer access, time of use and other differentiators. It meets legal and security requirements to protect network resources and comply with European regulations. The zero configuration and zero technical support features ensure anyone can get connected regardless of their device or settings. All this can be readily managed by any staff member using the comprehensive and intuitive administrative dashboard.

The Ucopia access controller is available in two models – Express and Advance. The Express model is ideal for smaller organizations and is remarkably simple to install. The Advance model is intended for medium to large deployments up to 1,000 concurrent users and offers the most complete and flexible Ucopia access control functionality.

Figure 1. Ucopia and Ruckus Architecture for Enterprise Guest Access



### **Ruckus WLAN Infrastructure**

Ruckus Wireless invented Smart Wi-Fi technology that, for the first time, brings range and reliability to unlicensed Wi-Fi environments. The company developed and patented several RF technology breakthroughs using adaptive antenna technology to enable Wi-Fi signals to be formed, focused and directed in real time over the best performing signal paths. Ruckus integrates Smart Wi-Fi technology into every system to ensure extended range and reliable signals that can be adapted to environmental changes automatically. Its patented technology steers signals around interference, obstruction and obstacles, ensuring unprecedented coverage and performance.

Ruckus ZoneFlex products use Smart Wi-Fi technology in a system that offers superior performance, easier design, installation, and operations, and significant cost advantages. In addition to improved user connectivity, ZoneFlex requires fewer APs and provides automatic wireless signal optimization – making WiFi easier and more powerful than ever.

### **Hotels**

Internet access is a required amenity at hotels of all types, with the primary distinction being the quality of service and different charging models. Ruckus Wifi infrastructure helps ensure robust internet connectivity, while Ucopia access controllers enable flexible business models including the ability to implement different charging options for different areas of the hotel. Ucopia also provides full compliance with European Union traceability requirements.

### **Education**

Students, teachers, and administrative staffs all need mobile internet access throughout the building or across the campus. Ucopia and Ruckus provide a fully mobile, secure environment to help connect in classrooms, libraries, cafeterias or the athletic fields. Whether its ICT based learning with laptop trolleys or posting grades online, Ucopia and Ruckus provide an easy to use infrastructure with the highest quality connections and best coverage.

### **Enterprises**

Businesses, both small and large, host visitors all the time. Whether its consultants, customers, suppliers or partners, these visitors expect convenient Internet access while on site. Ucopia's access controller ensures fully transparent guest access to their email and other network-based applications.

### **Local authorities and government agencies**

Public hotspots in city offices, libraries, train stations, museums and other public venues greatly enhance productivity as well as the resident or visitor experience. Ruckus Wi-Fi is ideally suited to provide broad coverage and optimal connectivity in locations where there may be limited existing network access. Adding the Ucopia server enables secure access with different

authentication and access privileges for different types of users. All this can be simply managed by non-technical administrative staff, further streamlining the customer experience.

Deploying Ucopia Access Controllers with Ruckus Wi-Fi provides rapid ROI via improved guest and visitor satisfaction, reduced IT and administrative costs and simplified compliance management and reporting. More importantly, it enables a critical value-added service to be readily available to meet the needs of both staff and guest users.

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### **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.

