

# ExtremeCloud™ IQ + Cloud4Wi

## Automate PPSK Lifecycle Management

**Users residing in multi-dwelling environments expect to connect their devices seamlessly and securely, seeking a home-like experience throughout the property.**

Cloud4Wi revolutionizes the concept of connectivity in multi-tenant environments such as multifamily apartments, student living and senior living communities, and workplaces. Cloud4Wi provides a cutting-edge solution designed to automate the entire lifecycle management of Personal Pre-Shared Keys (PPSK), ensuring a seamless, secure, and personalized wireless experience, while dramatically reducing the workload of IT departments.

To meet this demand, properties must furnish users with a Private Pre-Shared Key (PPSK) from ExtremeCloud IQ that effortlessly grants access solely to authorized individuals, and establishes secure, personal area networks. To achieve this, properties require a robust solution that simplifies the complete lifecycle management of thousands of Extreme PPSKs and Private Client Groups (PCG, a logical grouping of PPSKs)—from creation to deactivation of each specific passphrase—enhancing the user experience while significantly reducing the burden on IT resources.

### Automate PPSK Lifecycle Management



#### Enhanced User Experience

Users can effortlessly self-onboard with a password-free method via a magic link, and conveniently manage their personal and guest PPSKs through a user-friendly self-service portal.



#### Streamlined IT Operations

IT teams are empowered to effortlessly oversee the lifecycle of thousands of PPSKs—from creation to deactivation—automatically, eliminating the need for manual intervention.

#### Industries Served



**Multifamily**



**Student Living Communities**



**Senior Living Communities**



**Workplaces**



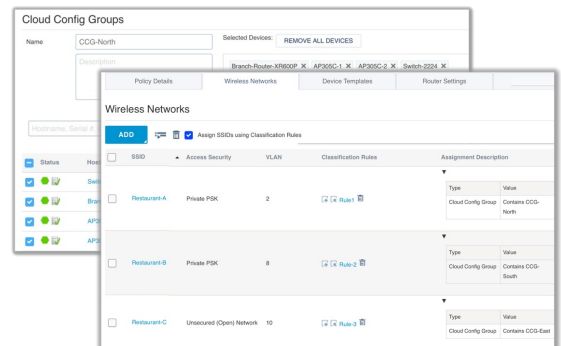
#### PPSK and PCG Capabilities

ExtremeCloud IQ offers PPSKs and PCG capabilities to enable automatic wireless network segmentation, ensuring a personalized, home-like experience for every user.



#### Effortless Management

Cloud4Wi automates the management of thousands of PPSKs via its intuitive dashboard, streamlining control and eliminating any hassle.



# How It Works

## 1 User Onboarding

Property managers have the flexibility to manually onboard users or enable users to self-register through various streamlined methods.

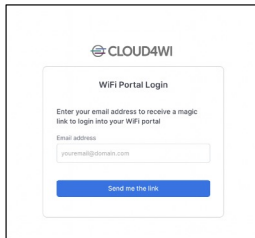
## 2 PPSK Orchestration

ExtremeCloud IQ + Cloud4Wi automatically generates a unique PPSK for each user. This PPSK can be time-limited or unlimited, based on the property's policy and user needs.

## 3 Network Access

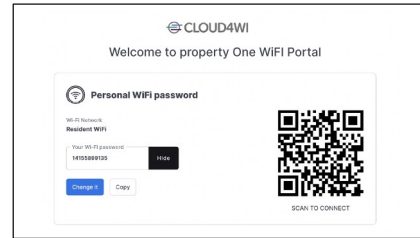
Users authenticate on the network using their PPSK and instantly begin enjoying reliable internet connectivity and communicating with all devices associated with their PPSK.

## Features and Benefits



### Self-Serve Onboarding

Enable users to self-onboard using a password-free method through a magic link, ensuring compatibility even when authenticating through an identity provider.



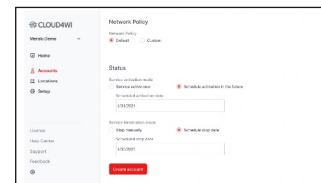
### Self-Serve Portal

Allow users to easily manage their own service with the ability to update or print their passphrase, through a self-service portal.



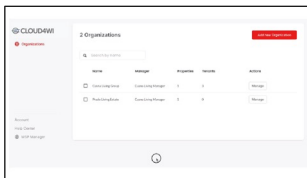
### Guest Access

Enable users to create a passphrase for their guests through the self-service portal or set up a captive portal.



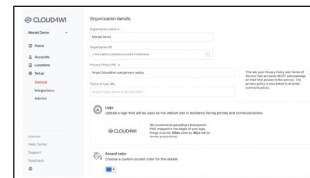
### Automated Service Scheduling

Set activation and deactivation of the Wi-Fi service in advance for optimal convenience.



### Hierarchical Administration

Empower property managers with tools to oversee properties, Wi-Fi services, branding, and compliance.



### Compliance and Branding

Customize the self-service portal and communication, ensuring brand consistency and adhering to data protection regulations.

Learn More: [Extreme Alliance Partners](#) | [ExtremeCloud IQ 90-Day FREE Trial](#) | [ExtremeCloud IQ + Cloud4Wi FREE Trial](#)



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