Connect to AirPennNet

Edwin Garcia - 2024-09-09 - Comments (0) - AirPennNet Wifi

Getting connected

Automatic configuration through AirPennNet-Guest

AirPennNet-Guest delivers a wizard called JoinNow to assist University of Pennsylvania students, faculty, staff, and guests with a PennKey to configure and connect their devices to AirPennNet. When in a campus wireless zone:

1. Connect to the wireless network: AirPennNet-Guest
2. Open a web browser and click on the "Connect Using my PennKey" button.
3. Follow the on-screen instructions to configure your device to connect to AirPennNet.

Which devices can be configured automatically using Connect to AirPennNet?

- Android devices
- Apple iOS devices (iPhone, iPad)
- macOS
- Microsoft Windows
- Some Linux builds

Which devices can be configured manually to connect to AirPennNet?

While not a complete list, many individuals at Penn have been able to manually configure the devices listed below:

- Blackberry 10
- Most versions of Linux and Unix

Your Local Support Provider or College House Technology technician should be able to assist you in configuring these devices.

What are the settings needed to connect to AirPennNet if I configure my device manually?

Wireless Network Name (SSID) : AirPennNet

Security Type : WPA2-Enterprise

Encryption Type : AES

EAP Method : TTLS

Phase 2 (Inner Method) : PAP

Root CA Certificate(s) : Can use system default certificates on device, when available

- Install USERTrust RSA Certification Authority (this root certificate is pre-installed on most OSes so you likely will not have to install it manually)

Domain : Blank

- Some devices may require a domain, in which case use "upenn.edu"

Anonymous Identity (Outer Identity) : *Leave blank*

Username (Identity) : *your PennKey username*

Password : *your PennKey password*

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What about other types of devices?

Other devices are best suited for the AirPennNet-Device network. (See the "Smart Devices" tab on this page)