

Power KNX smart infrastructure with Aruba Instant On

Aruba Instant On is an official member of KNX Association delivering a networking solution to enhance the performance of automation devices used within smart home and building installations over KNX IoT.



Built with Hewlett Packard Enterprise quality, Aruba Instant On provides a reliable, fast and secure network, offering technology investment protection with a full portfolio of Wi-Fi Alliance-certified access points, powerful switches and an easy-to-use management app.



Read on to understand the **Aruba Instant On technical set-up with KNX** and how it can add real value to your business:

1 Easy onboarding and multi-site management

In just a few simple clicks the Aruba Instant On portal and mobile app allow you to create a network and then manage single/multi-site for your customers.

2 Visibility of all KNX connected devices

Our platform immediately detects and easily identifies wired and wireless devices using ethernet standards. KNX labelled devices can be clearly seen via the topology view and client dashboard.

3 Remote troubleshooting

Track important issues such as client disconnects, network loop detection, network unreachability, switch/access point uptime showing client connectivity, bandwidth usage and many more using our simple mobile app.

4 Set alerts for important connected devices

Receive notification on your smartphone or via email, if your KNX/IoT devices are disconnected from the network.

5 Allow only the devices you want to connect to the network

Use Aruba Instant On built-in security to deliver access only to your trusted KNX devices and clients with a few simple clicks in our easy-to-use graphical interface.



Here's what our partners like the most...

Networking and PoE Scheduling:

Save on energy bills and increase security with PoE and/or Wi-Fi networking scheduling. This allows users to configure a specific day/time of the week (e.g. business hours) for Instant On switches to supply power to connected devices such as surveillance cameras, access points and more. The same applies to Wi-Fi SSID.

No licenses required:

Enjoy our networking solution built free from subscriptions, licensing, and other recurring costs, including management. This reduces your total cost of ownership.

Direct customer support:

Aruba Instant On customers can contact technical support via online chat or phone. Reach us 24/7 using local support numbers. Chat with us anytime on the support website page.

Cost-effective, Enterprise-grade solution:

We're the clear choice for partners looking for cost-effective, business-grade, Wi-Fi 6 Certified networking to integrate with IoT solutions. This quality and reliability reduces troubleshooting/re-fit, leaving partners free to focus on new jobs.

It's really easy to install:

Set-up is very quick and easy. Simply unbox and mount the access point, then connect to a power source and fast, reliable internet. Next you install the application on your smartphone, set up an account and onboard Aruba Instant On devices. Add site and create network templates and finally set up a watchlist and enable alerts and notifications.

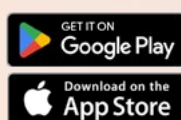
1. Unboxing



2. Plug in PoE or power



3. Download app



4. Create network and connect



KNX network topology with IP backbone network

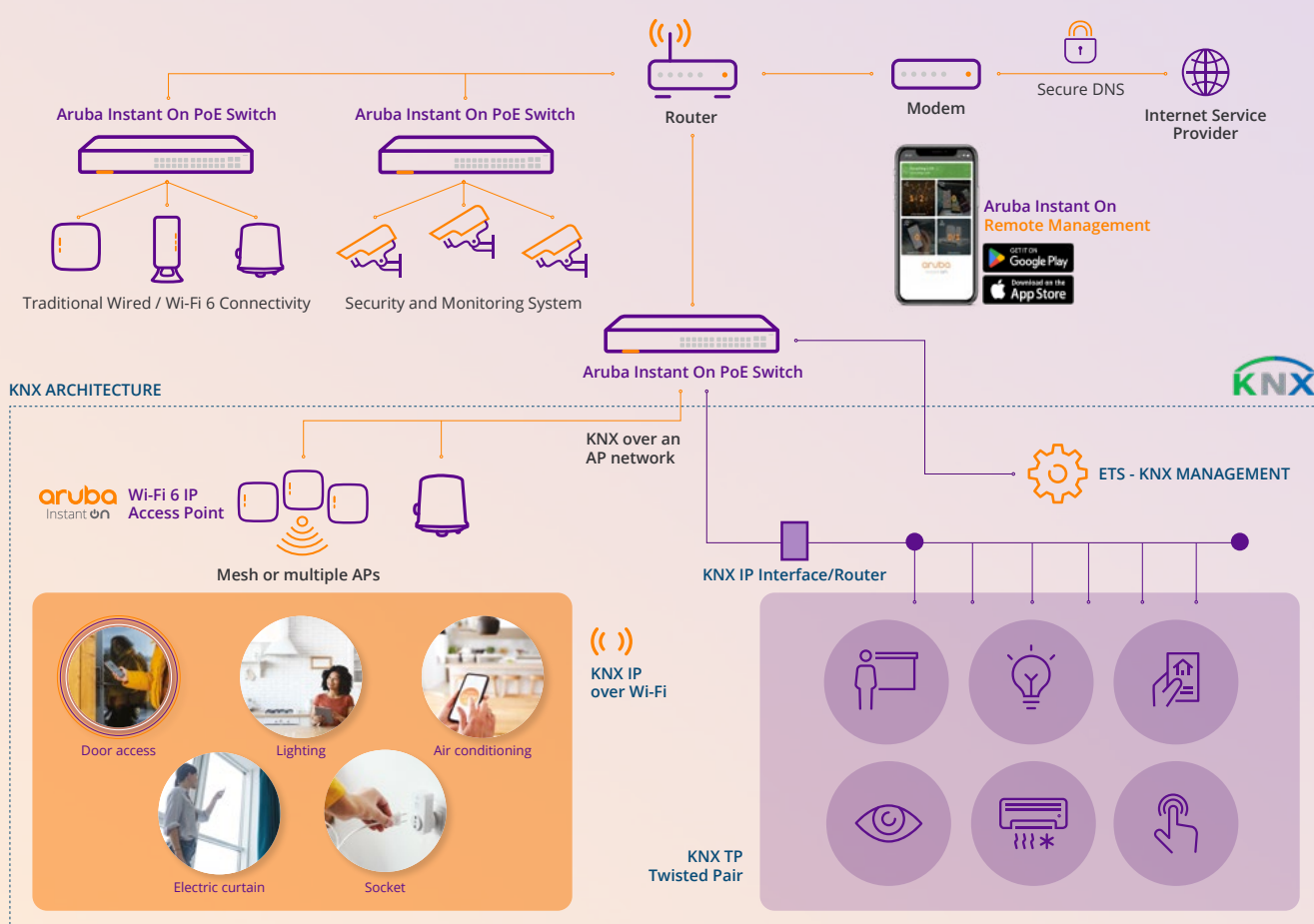
Let's take a look at a typical Aruba Instant On networking solution example below, offering:

You can also be sure of quality with Instant On's product certification:

- 1 Wi-Fi 6 and Wi-Fi 5 access points with 2.4 and 5 GHz Radios
- 2 PoE and non PoE switches supporting 10/100/1000/2500 Mbps wired connectivity
- 3 Mobile app or Web portal cloud management

- **Access points:**
UL 2043 plenum rating, EN 60601-1-1 and EN 60601-1-2 (for deployment in medical environments); Wi-Fi Alliance certified (WFA) 802.11ax with Wi-Fi 6, Wi-Fi Alliance certified (WFA) 802.11ac with Wi-Fi 5, WPA2, WPA3.

KNX IP communication via Ethernet and Wi-Fi using Aruba Instant On



Aruba Instant On switches can simultaneously connect to all use cases mentioned above.

**Jesus Arias, Global Business Developer at KNX,
gives his insight:**

“Thanks to the **Aruba Instant On solution**, you can monitor the IP network and identify issues quickly when performing remote maintenance.

For example, if ETS does not establish a connection when you want to check the status of a KNX installation using the KNX Group Address monitor.

You can **prevent this issue** as the Aruba Instant On portal can show if the KNX IP interface or router is up and running. With Aruba Instant On you can check the **status and operation** of KNX IoT devices over Wi-Fi and Ethernet.

These functionalities are essential if you want to monitor the availability of IP Servers that are very important in a KNX infrastructure. You can also **power IP devices** and **schedule** them with the **flexible PoE options**.”

Getting started with Aruba Instant On:

Join the Aruba Instant On ACTION Partner Club today!

Let us help you, with the benefit of our relationship with KNX, to successfully target the smart home and building sector. The Aruba Instant On ACTION Partner Club is designed exclusively for partners who want to accelerate sales of the Aruba Instant On networking solution. Get everything you need to succeed with Aruba Instant On – cash bonuses, sales tools, marketing content, rewards, news updates, support and more. And it's free to join, of course!

[Register here](#)

(LATAM partners use [this link](#))

For any questions, please contact us on:
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Aruba Instant On Product Finder:

