côr™
HOME AUTOMATION
The heart of a smarter home.

This Information Guide will help you better understand your TP Link router.

For installation instructions on using the TP Link router, please reference the TP Link router Quick Start Guide. The following is for additional information / education on when and why a TP Link router may be useful in the installation of a Côr Home Automation System.

WHEN TO USE A TP LINK ROUTER WITH THE CÔR HOME AUTOMATION SYSTEM

1 The homeowner's network has many devices connected into their current router.

If the homeowner already has several devices utilizing the same router by hooking up a Côr Home Automation System, you may overload their router. This is more likely, the higher number of Wi-Fi® devices you utilize (i.e. cameras and touch screens) and the older the router. Each new device is a client to their router. By utilizing the TP Link router you are providing segmentation. Their current router sees the TP Link router as one client, and the TP Link takes the load of the Côr Home Automation System.

2 If the homeowner has a router more than a couple of years old.

Newer Wi-Fi devices are made to work with the newest technology. If your homeowner has an older or less expensive (usually because it utilizes older technology) router, you may run into operability problems. This is especially the case if the homeowner has not been diligent about updating firmware on an older router.

3 Lower level of technological confidence.

If your installer has a lower overall level of confidence or is less "tech savvy", it is possible to do ALL the backend work in the confines of your office. All the installer will have to do is power-up the router, hook it into the existing homeowner router following the steps in the Quick Start Guide and install the pre-programmed system. If using this alternative installation method, it is imperative to accurately mark sensors and other devices for installation so your homeowner has a good experience.

TERMS DEFINED

DAISY CHAIN

This is what you are actually doing by utilizing the TP Link router. You are creating a daisy chain. The homeowner's router views the TP Link router as one client (vs. the 3-4 if you would connect everything through it). The TP Link router than manages the load from the Côr™ Home Automation System.

SEGMENTATION

By creating a "daisy chain" you are segmenting the load. This is always better and allows for all things in the customer's home connected via Wi-Fi® to run more optimally. The only exception to this would be with the newest technology of routers, in which case segmentation and creating a daisy chain would have little value. However, the current price point of these routers makes it unlikely that they are in your average customer's home.

UPWARDS/DOWNWARD

Routers can only "talk" downward, not upward. When setting up segmentation via a daisy chain, one must be careful to not put anything downstream that something upstream needs to talk to. To avoid the need for routers to "talk" at all, it is only recommended to utilize the TP Link router when putting **all components (including the panel)** of the Côr Home Automation System on the myHVACxxxxxx network.

CONGESTION

When you cannot "find" a Wi-Fi network that you know exists when scanning for networks, it is likely due to congestion, or too many networks in the area. If you already have linked all the devices to the myHVACxxxx in your office, they will still be connected when the TP Link router is powered back up.

Reminder: If you do need to connect to the TP Link router in the customer's home, and it does not show up in available networks, you can enter the SSID and passkey found on the underside of the router to connect.