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HOME AUTOMATION
The heart of a smarter home.

Technical Supplement

Subject: Sensor Cross Zone Configuration

How does it work?

Cross Zoning allows the Côr system to activate 2 different zones (a.k.a. Sensors) or one zone twice or have one zone stay open for 10 seconds. These options are great ways to eliminate false alarms on ill‑fitting doors or in areas where the motion detectors could have birds or other animals in their field of view. There are many applications for this feature.

Scenarios:

One could be the pairing of (2) two Motion Detectors, so that both Motion Detectors have to detect movement within a specific amount of time before a signal is sent to the central station. It could also be used to pair a Door/Window sensor to a Motion Detector. This would be useful if the Door or Motion Detector are in the same area and are prone to false alarms by themselves.

Another scenario is where an overhead garage door is loose in the tracks and the sensor will go into an alarm condition whenever a door is vibrating from a gust of wind. If this sensor was set up as a Cross Zone, a signal would not be sent to the Central Station unless there were two activations of the sensors.

On a Door/Window sensor or a hardwired zone and if and only if that specific switch was in the open condition for longer than 10 seconds, this would also cause an alarm. This would be another approach in addressing ill‑fitting overhead garage doors.

Step 1 - Configuration of the Cross Zone Time
This is the amount of time that both zones (a.k.a. Sensors) and or the same zone has to active in order for the signal to be sent to the Central Station.

The *Cross Zone Time* programming location in the **Advanced Menu** under System > System Timers.

The default time is 30 seconds but can be programmed up to 999 seconds.

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Step 2 - Change Sensor Option

Go to Settings > Sensors > Select Sensor to Configure.

Ensure the sensor that you want added in the Cross Zone has **Bypass - Cross Zone** selected from the drop down menu under *Sensor Options*.

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