Device

Device

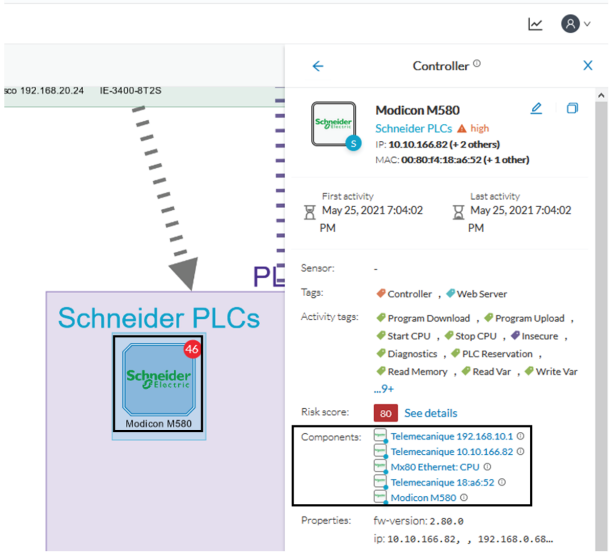
The term **Device** is an aggregation of components with similar properties. In Cisco Cyber Vision, a **Device** is a physical machine of the industrial network such as a switch, an engineering station, a controller, a PC, a server, etc. Devices simplify data presentation, especially on the map. Devices enhance performance because a single device shows in place of multiple components. Devices comply with the logic of management and inventory, focusing on your needs.

A device shows as an icon in a double border, either the manufacturer icon (if detected), or a more specific icon (i.e., a known PLC model). If no icon is available in Cisco Cyber Vision database yet, a default cogwheel displays.

Components can share same characteristics such as the same IP address, MAC address, NetBIOS name, etc. In addition, tags and properties which are found in protocols are associated to define the type of device. Aggregation of components into a device and definition of the device type are based on a large set of rules with priorities that can be more or less complex. For example:

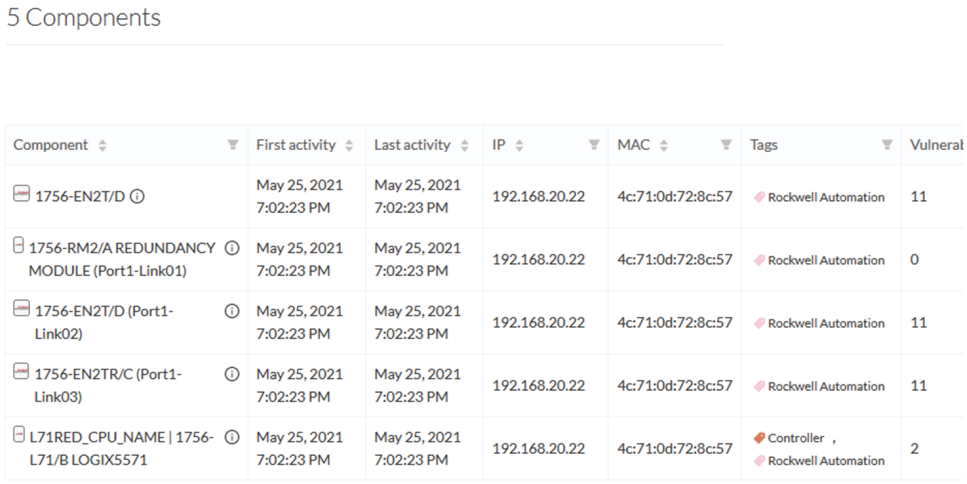
Click on a Schneider controller. A right side panel opens showing its components.

Device



Devices can have a red counter badge. This is the number of vulnerabilities detected. For more information, refer to Vulnerabilities.

The list of a Rockwell Controller device's components (technical sheet > Basics > Components):



All these device's components have in common activity time, IPs, MACs, and tags. The Controller tag -which is a level 2 device tag, also considered as top priority in aggregation rules to define device type- detected on one of the components is applied at the device level and define the device type as Controller. The Rockwell Automation tag is a system tag which together with other properties is detected as the brand of the device.

For detailed information about which types of devices are detected per Level, see Tags.