

# ANTAIRA'S REMOTE ACCESS



## 1. Remote Access

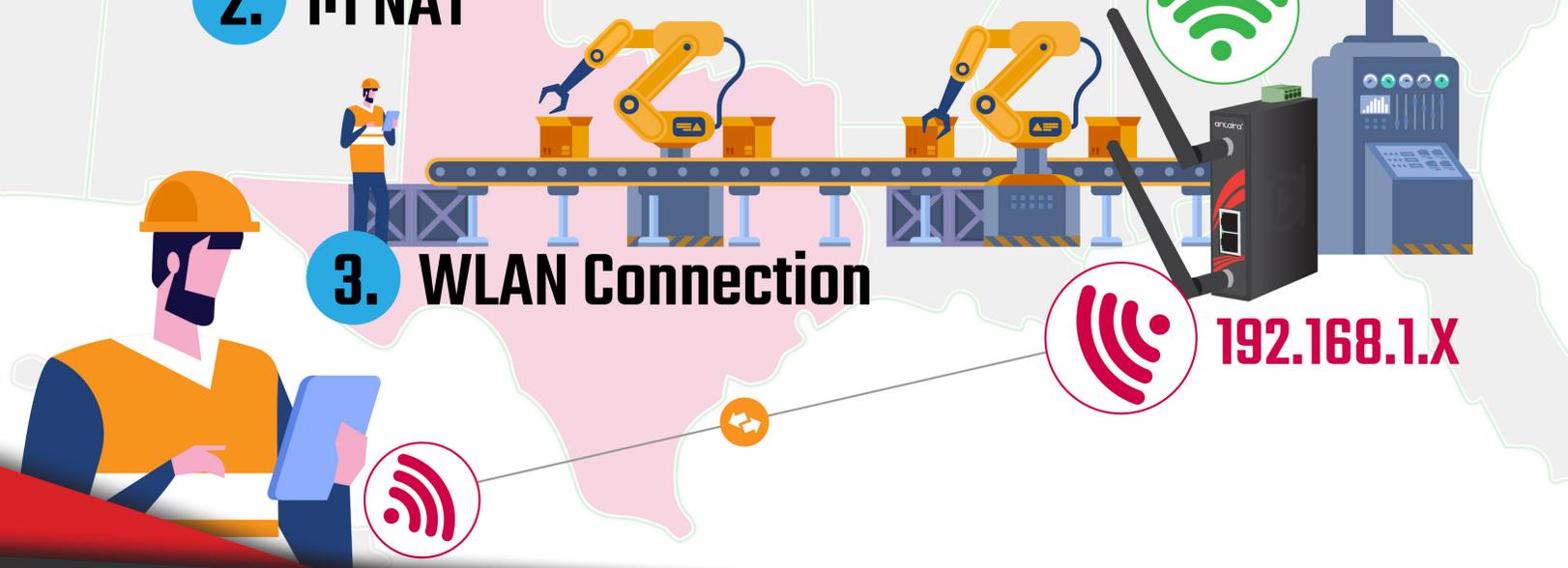


10.1.1.X

## 2. 1:1 NAT



## 3. WLAN Connection



192.168.1.X

# SYSTEM FEATURES

## 1. Remote Access

A VPN is a Virtual Private Network connecting devices using encrypted communication typically across a public network. The encryption prevents anyone on the public network from accessing the information being transmitted through a VPN tunnel. Antaira ConnectVPN is a cloud-based OpenVPN server that facilitates the interconnection of both standard OpenVPN clients found on PCs and routers, as well as Antaira's quick VPN client found on a select list of Antaira wireless routers. It does this by providing a VPN server that is hosted on cloud servers that are easily accessible worldwide. All connected endpoints (PCs and routers) can be configured together into a group on a virtual network allowing for maintenance, monitoring, and configuring to take place on devices linked to the Antaira routers.

## 2. 1:1 NAT

NAT (Network Address Translation) routers can be used to conceal the identity of an IP address block being used on a network. This comes in handy when the same address block needs to be used in several places on the same network. When building machines for automation, the same block of IP addresses is often used for each machine. If there are multiple machines with duplicate IP addresses, it can create an issue, therefore NAT routers are employed. To connect back through a NAT router, 1:1 NAT tables can be set up where multiple systems can be accessed from outside the concealed address block.

## 3. WLAN Connection

A router with dual Wireless radios can act as a client to a local network for general connectivity purposes and also act as the AP (Access Point) for a temporary connection. This is ideal when a system is in place using one of the wireless connections as a client. However, a laptop user may want a temporary connection to check on the system while in the proximity of the router. The laptop will act as the client to the second radio's AP configuration giving the laptop connectivity to the system.

## Product Features



**ARS-7235-AC**  
Industrial IEEE 802.11a/b/g/n/ac Wireless Router/Access Point/Client/Bridge/Repeater



**ARS-7235-5E-AC(-T)**  
5 Ethernet ports that can be designated as uplink or downlink Industrial IEEE 802.11a/b/g/n/ac Wireless Access Point/Client/Bridge/Repeater/Router



**ARX-7235-AC-PD-T**  
Industrial Outdoor IP67 Metal Housing IEEE 802.11a/b/g/n/ac Wireless Access Point/Client/Bridge/Repeater/Router with PoE PD; EOT: -40°C to 70°C



**ARY-7235-AC-PD**  
Industrial Outdoor IP67 Plastic Housing IEEE 802.11a/b/g/n/ac Wireless Access Point/Client/Bridge/Repeater/Router with PoE PD