



Requirements Internet Connection - R Series

This document provides to the network administrators, the necessary guidance to authorize Sevio Router on their network and enable the Sevio infrastructure to be reached.

Requirements also apply to connections via Data SIM.

Connections	Port	Protocol	Service
Outbound	1194	TCP - UDP	OpenVPN
Outbound	123	UDP	NTP
Outbound	53	UDP	DNS

- Sevio Router does not require public IP assignment or static NAT mapping.
- VPN servers are located in multiple clouds, the IP addresses are dynamic in order to provide traffic load-balancing, geographical proximity and DoS (Denial of Services) prevention and mitigation.
- Responds at FQDN: *.sevio.it, the specific **concentrators.sevio.it** (includes all IP addresses available for routers connection).
- To assure the better service oer time, also consider allowing Sevio IP addresses block: **45.66.80.0/22**.
- If filters on the MAC addresses are enabled, the WAN MAC address used should be shared with installation site IT manager, MAC addresses can be found on Sevio Portal or in the Registration Sheet.
- Sevio Router can be installed behind SOCKS Proxy-Server, Transparent Mode or with authentication, for OpenVPN connectivity.
- Sevio Router supports 802.11b/g/n Wireless (Wi-Fi) networks with WPA/WPA 2PSK encryption in 2.4 GHz band.

Installation ref. <input type="text"/>	
Wired Connection	
Mobile - Data SIM	Wi-Fi Connection
APN: <input type="text"/>	SSID: <input type="text"/>
PIN: <input type="text"/>	Password: <input type="text"/>
DHCP Client	Static IP
	IP address: <input type="text"/>
	Netmask: <input type="text"/>
	Gateway: <input type="text"/>
	DNS: <input type="text"/>
Proxy HTTP/HTTPS	
IP address: <input type="text"/>	Username: <input type="text"/>
Port: <input type="text"/>	Password: <input type="text"/>
MAC address filter enabled	MAC WAN: <input type="text"/>