

TCR100 Configuration Examples

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This page contains various configuration guides for the TCR100 router. Unlike the articles in the [TCR100 Manual](#), which provide more general knowledge on all of the router's features and functions, these guides are more in-depth and are usually focused on specific configuration scenarios with extensive explanations. While most of the guides apply to both Windows and Linux Operating Systems, some are exclusive to one OS and others aren't OS specific in any way and apply to any system.

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VPN

- [DMVPN](#)
- [Cisco IPsec](#)
- [Cisco GRE Tunnel](#)
- [Mikrotik SSTP](#)
- [Mikrotik OpenVPN](#)
- [Mikrotik L2TP over IPsec](#)
- [OpenVPN Access Server](#)
- [Overlapping subnets with IPsec solution](#)

Router control & configuration

- [Blocking Internet Access for LAN Clients](#)
- [Monitoring via Modbus](#)
- [Modbus custom register block](#)

- [Monitoring with ThingsBoard IoT Platform](#)

Modem control

- [AT Commands](#)
- [RUTOS gsmctl Commands](#)

DDNS

- [noip.com](#)
- [dynu.com](#)

LAN

- [PPPoE with Mikrotik](#)
- [Setting up WAN as LAN](#)
- [Setting RUTX11 LAN as WAN](#)

Connection backup

- [VRRP configuration](#)

USB

- [How to set up a USB printer](#)

Camera

- [Camera access from VPN](#)
- [Camera access from smartphone](#)
- [Remote camera access](#)

PC

- [OpenVPN client on Windows](#)
- [OpenVPN server on Windows](#)
- [TLS certificates \(Windows\)](#)
- [Static IP address setup \(Windows 10\)](#)
- [Wake on LAN PC setup \(Windows 10\)](#)
- [OpenVPN client on Linux](#)
- [TLS certificates \(Ubuntu 18\)](#)
- [Static IP address setup \(Ubuntu 16\)](#)
- [FTP server \(Ubuntu 16\)](#)

Third-party services

IoT platforms

- [Azure IoT Hub](#)

- [Cumulocity](#)
- [BAG Tower](#)

VPN

- [ZeroTier](#)

WiFi

- [How to set up a guest WiFi network on RUTX](#)
- [IdBlender Secure WiFi Setup](#)

Use cases

- [Connecting two same subnet office networks using OpenVPN bridge \(TAP\) on RUTX](#)
- [Connecting to the office network remotely from your home via VPN \(L2TP over IPsec\) using RUTX](#)
- [Configuring clients to access internet through office's gateway from home using VPN RUTX](#)
- [Reaching your home network remotely with your Android device](#)
- [Bridged office network with a separate Guest WiFi](#)
- [Anonymous browsing from your home network using NordVPN and TCR router](#)
- [Anonymous browsing from your home network using ExpressVPN and TCR router](#)

DHCP Relay

- [DHCP Relay configuration example](#)