

RUT955 Configuration Examples

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This page contains various configuration guides for the RUT955 router. Unlike the articles in the [RUT955 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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System upgrades

- [Bootloader Upgrade](#)
- [Firmware upgrade via the Bootloader Menu](#)
- [Firmware upgrade via command line](#)

Modem control

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- [gsmctl commands](#)
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Connection backup

- [VRRP](#)

VPN

- [How to generate TLS certificates \(Windows\)?](#)
- [OpenVPN configuration examples](#)
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- [IPsec configuration examples](#)
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- [L2TP over IPsec](#)
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- [Setting up a L2TP over IPsec tunnel between RUT and Mikrotik device](#)
- [Setting up an OpenVPN tunnel between RUT and Mikrotik device](#)
- [Setting up a SSTP tunnel between RUT and Mikrotik device](#)
- [Overlapping subnets with IPsec solution](#)

DDNS

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

- dyn.com

VLAN

- [VLAN tag based configuration examples](#)
- [Use LAN port as WAN](#)

USB

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

RS232/485

- [Bidirectional communication between two serial devices over TCP/IP](#)

Email

- [Sending emails via command line](#)

Camera

- [Camera access from VPN](#)
- [Camera access from VPN RUTOS](#)
- [Camera access from smartphone](#)
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PC

- [Setting up a Static IP address on a Windows 10 PC](#)
- [Setting up a Static IP address on a Ubuntu 16.04 PC](#)
- [Setting up an FTP server on a Ubuntu 16.04 PC](#)
- [OpenVPN client on Windows](#)
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- [Wake on LAN PC setup \(Windows\)](#)

SNMP

- [SNMP configuration example](#)

Use cases

- [Connecting two same subnet office networks using OpenVPN bridge \(TAP\) on RUT9xx](#)
- [Connecting to the office network remotely from your home via VPN \(L2TP over IPsec\) using RUT9xx](#)
- [Configuring clients to access internet through office's gateway from home using VPN RUT9xx](#)
- [Anonymous browsing from your home network using NordVPN and RUT9xx router](#)
- [Anonymous browsing from your home network using ExpressVPN and RUT9xx router](#)

- [Stunnel configuration example using Telnet](#)

I/O Juggler

- [SMS and Email alerts Triggered by BAT120](#)
- [Remote Input/Output control between two Teltonika devices](#)

Third party services

VPN

- [vpngate.net](#)
- [vpnbook.com](#)
- [hide.me](#)
- [RUT9xx NordVPN configuration example](#)
- [RUT9xx ExpressVPN configuration example](#)

IoT platforms

- [Azure IoT Hub cloud connection](#)
- [Telenor cloud connection](#)
- [cobot.me](#)
- [da³vid](#)
- [BAG·Tower](#)

WiFi

- [How to set up a guest WiFi network on RUT](#)
- [IdBlender Secure WiFi Setup](#)
- [ironwifi.com \(Legacy firmware\)](#)
- [ironwifi.com \(RutOS firmware\)](#)
- [cobot.me \(Legacy firmware\)](#)
- [cobot.me \(RutOS firmware\)](#)
- [purple.ai](#)
- [Guglielmo LUMEN® AAA WiFi Setup](#)
- [RUTOS relay / Wi-Fi extender / repeater / bridge configuration](#)

DHCP Relay

- [DHCP Relay configuration example](#)