Get a Fully Remote-Control Router and Control your end-device through 3G/4G/LTE network

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Outline

▶ What is a difference between an ordinary router and our router?

▶ How does it work?

▶ Two different options and which one is better?

▶ Which does it suit your application?

▶ What kind of devices do a router support?

▶ What benefits do you get?

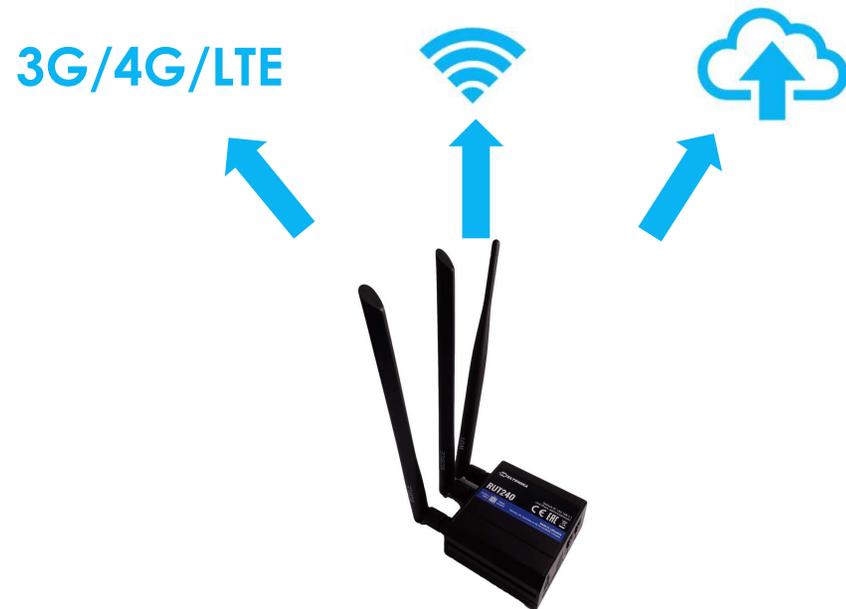# What is a difference between an ordinary router and our router?

➤ A typical router is fixed and designed to supply an office's device/ equipment.

➤ To supply internet connection, must connect an ethernet cable in order to supply a connection.

➤ A typical router is not suitable with a mobility functional work.

➤ Usually, a typical router doesn't support 3G/4G/LTE connections and cloud services.
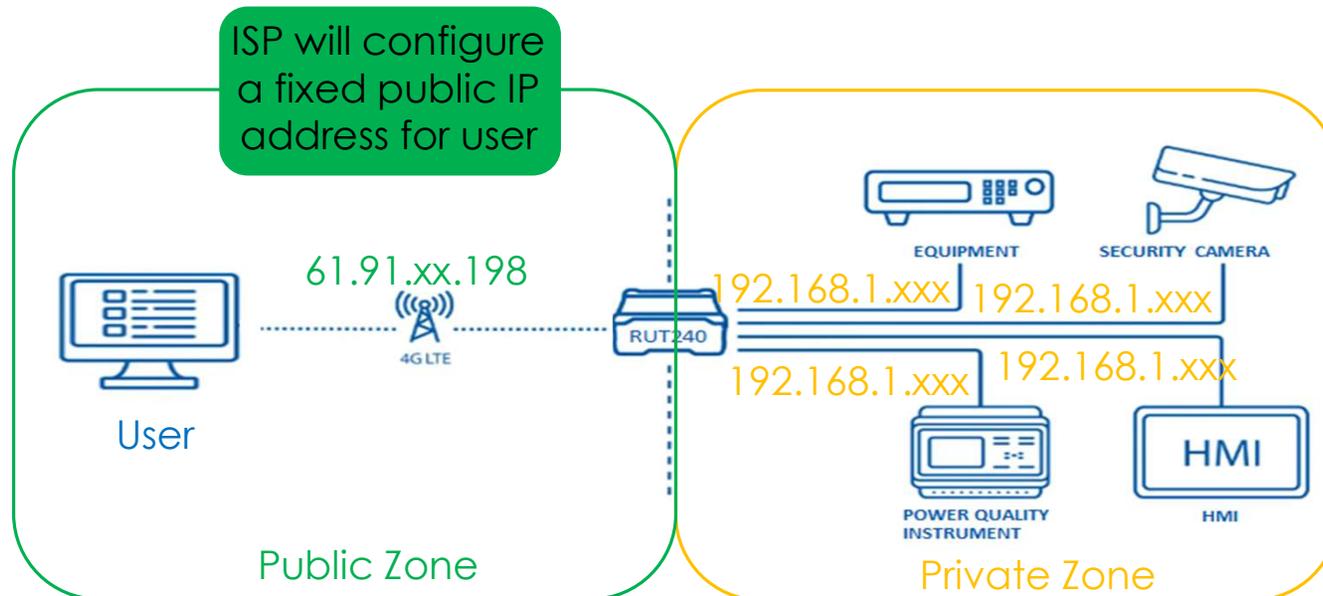
3G/4G/LTE

What is a difference between an ordinary router and our router?

- Light weight, High Flexibility & Ease of use

- Support 3G/4G/LTE internet connection sim card

- Support a various type of VPN application such as PPTP, L2TP, OpenVPN, IPsec, etc
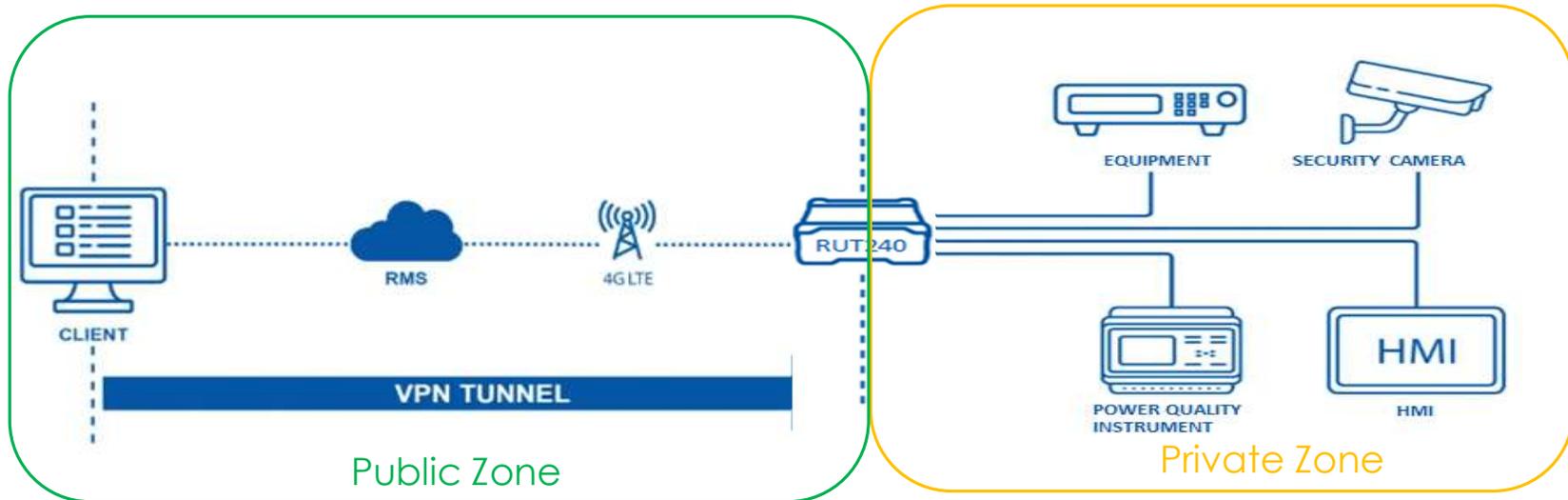
- Support a could service to improve after-sale service.

3G/4G/LTE

How does it work?

▶ Method 1: Using Fixed Public IP address

ISP will configure a fixed public IP address for user

61.91.xx.198

4G LTE

User

Public Zone

RUT240

EQUIPMENT

SECURITY CAMERA

192.168.1.xxx   192.168.1.xxx

192.168.1.xxx   192.168.1.xxx

POWER QUALITY INSTRUMENT

HMI

HMI

Private Zone

How does it work?

▶ Method 2: Using VPN server and Remote Management Service (RMS)

Which one does it suit your application?

▶ Both fixed Public IP address and VPN server solutions are technically provided a similar result which allows user to get in touch with your devices.
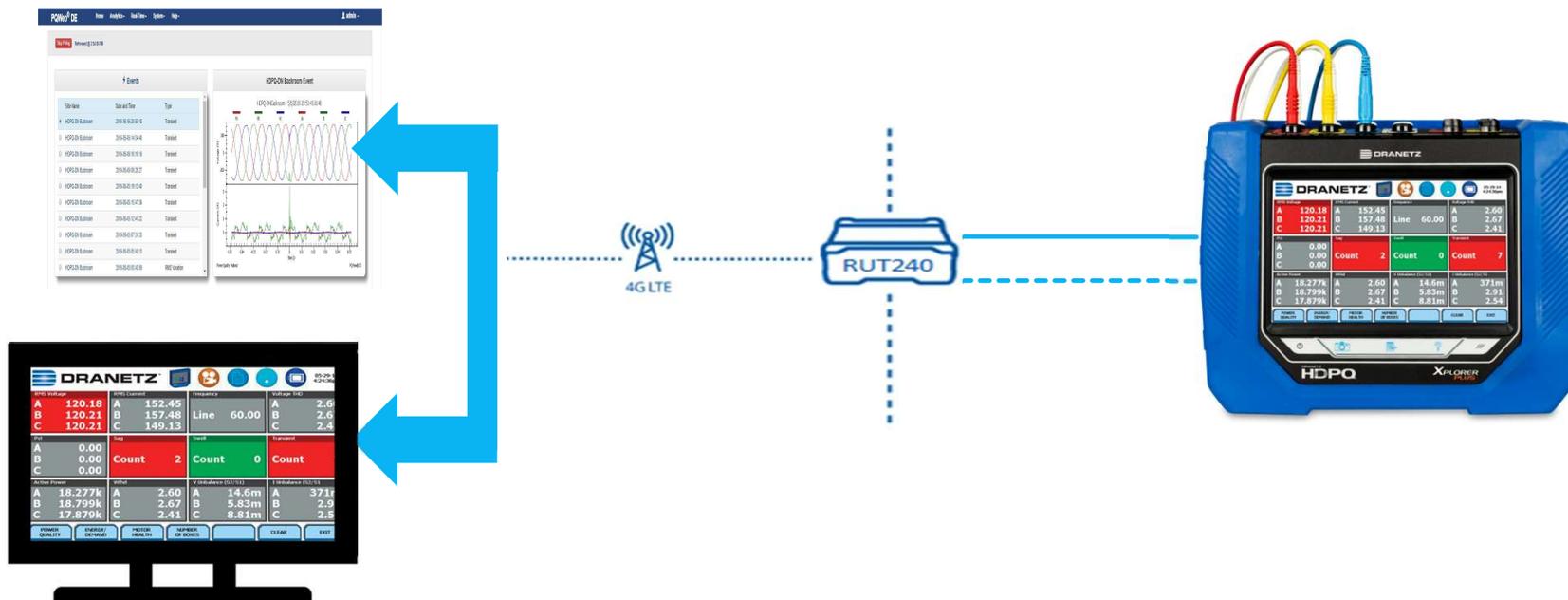
What kind of devices do a router support?

▶ A router is suitable with an equipment/device/machine that has an ethernet capability.

▶ For example, your meter is located in a remote area for a couple days, weeks or months and want to change a configuration, setting, data file through an internet network.
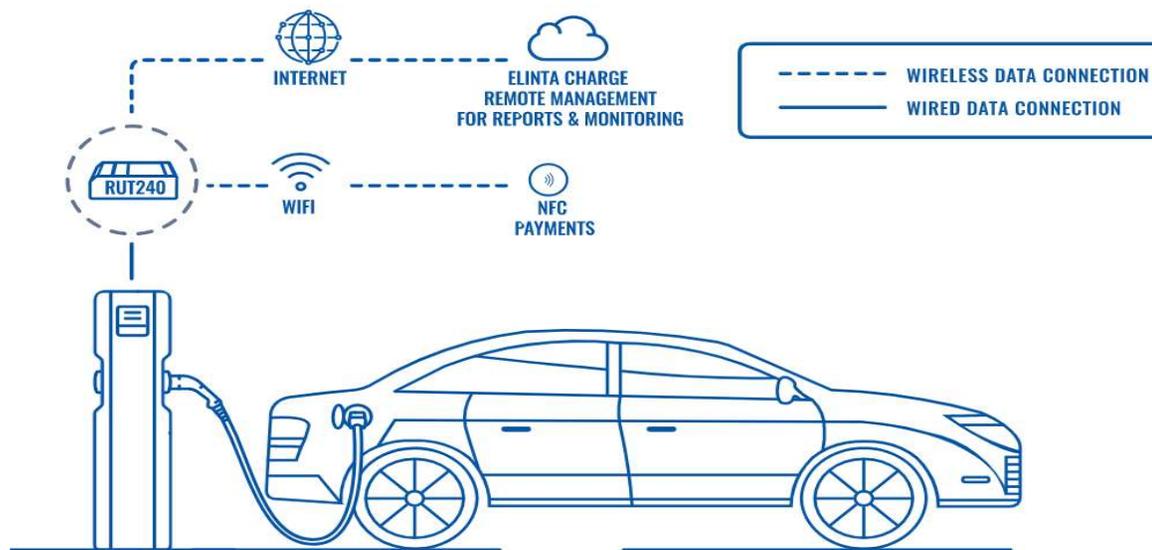
Connect

Machine to Machine Application

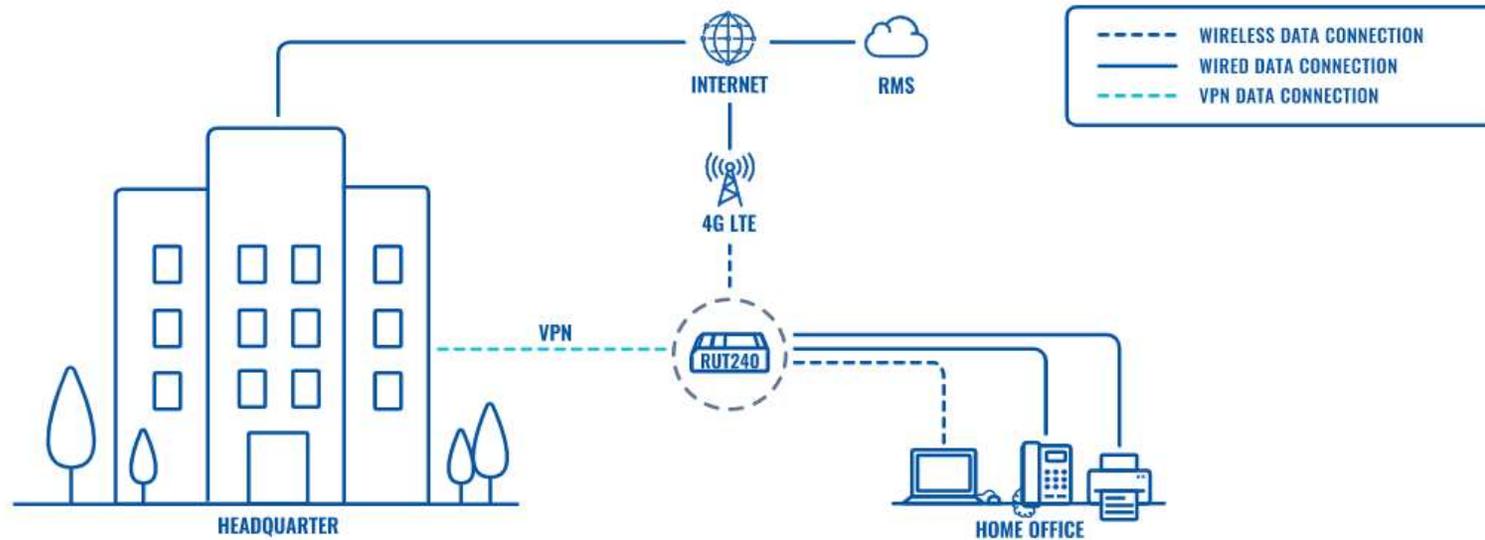▶ Application is also compatible with devices/equipment to manage/upgrade/configure a setup or control your operation

Control, Monitor an energy usage of EV station

▶ Application suits a connectivity for managing a monitoring/reporting of EV Charger station

Interact Home's machine whenever you are free

▶ Application: A remote control to your end-device at your home

WIRELESS DATA CONNECTION
WIRED DATA CONNECTION
VPN DATA CONNECTION

INTERNET   RMS

4G LTE

VPN   RUT240

HEADQUARTER   HOME OFFICE

Two different options and which one is better?

▶ Using Fixed Public IP Address

<u>Advantage</u>:

o Less Settings & Configurations

o Direct Connection to your end-device

o A typical Internet Speed based on your mobile plan

<u>Disadvantage</u>:

o ISP doesn't unlikely support this function.

o 50% High Cost

o Low Security

Two different options and which one is better?

▶ Using VPN Server and Remote Management System

<u>Advantage</u>:

o Low cost

o Flexibility & Ease of Use

o High Security, VPN Server, Cloud service

<u>Disadvantage</u>:

o A selection server is limited

o First setup take a time

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What benefits do you get?

▶ Get a bidirectional connectivity between you and end-devices.

▶ Save a travelling expense & time.

▶ Get a fully-control over your end-device.

  ➤ Upgrade an operating system completely through a mobile network while sitting back in an office.

  ➤ Easily add/remove new devices at the remote site.

  ➤ Support 24/7 after-sale service and satisfy your customer.

Thank You

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