



SECURE AND RELIABLE REMOTE OFFICE CONNECTIVITY

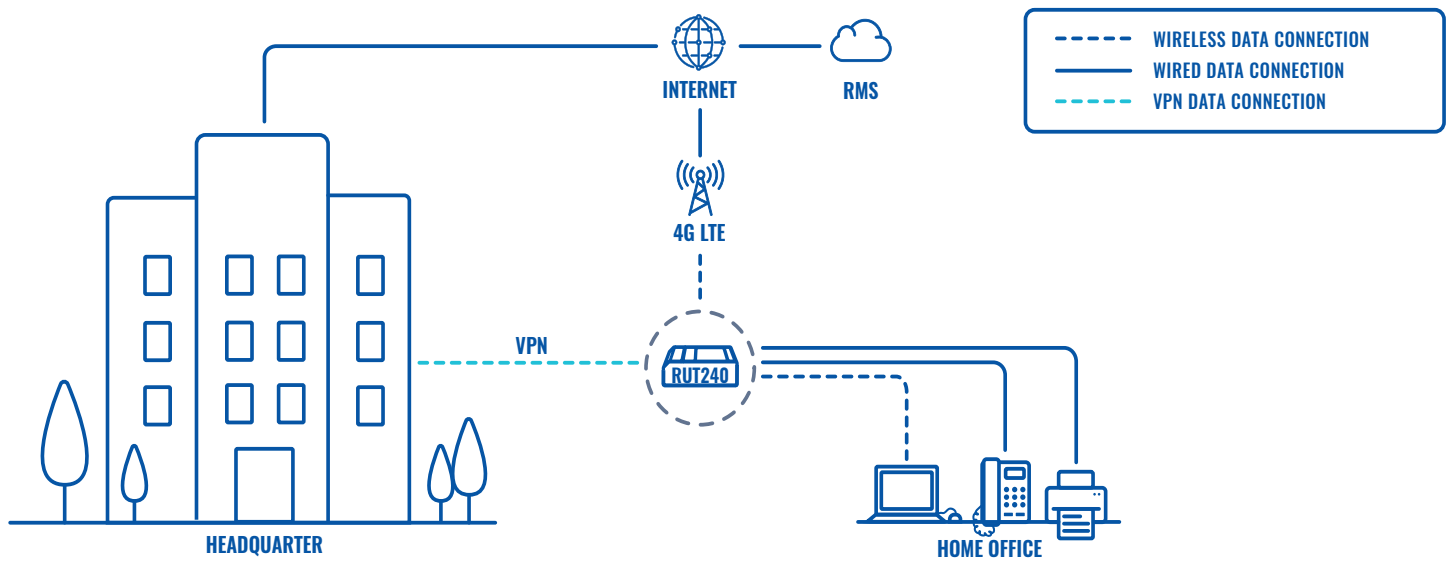
SUMMARY

The global outbreak of the novel coronavirus (COVID-19) at the beginning of 2020 has brought unseen challenges to the global economies. This is undoubtedly the World's Largest Work-From-Home Experiment, and it would not be possible without important technology and connectivity advancements that happened over the last few decades. However, even with widespread broadband and cellular connectivity, businesses must take extra steps to make sure their workforces are not only connected to the Internet but also use the right equipment. It is essential to make sure that devices used can prevent cybersecurity threats and integrate with enterprise systems that would otherwise stay within office walls.

CHALLENGE

Most companies, with mainly office-based workforces, are using numerous measures to ensure that the information and systems they work with stay safe from always happening cyber threats. The most efficient way to do that is to make sure workers don't have access to internal systems and databases of the company away from the office. Naturally, most of the work-related tasks require to access those systems. Most networking professionals know that the correct solution here is to set-up encrypted virtual private networks (VPNs) to allow secure data connection from outside the enterprise network. However, this is only a part of a solution since most of the home users connect to the Internet using routers provided by their ISP's which are not accessible or capable of allowing such a set-up. Besides, the threat of wired internet downtime is increased as ISPs are subject to maintenance worker shortages due to mandatory or advisory quarantine measures.

TOPOLOGY



SOLUTION

To easily comprehend the solution, we must break it down to a few simple components. Firstly, professional cellular routers, such as RUT240 by Teltonika Networks shown in the topology above, can minimize the risk of Internet downtime, providing connectivity through mobile 4G LTE. It can be used as a standalone product or to back up an existing home router. Also, RUT240 supports eight different VPN services, including OpenVPN, IPsec, Stunnel, and others, making it an ideal choice when you need to establish encrypted VPN channels between internal enterprise systems and remote home office workers. With Ethernet and Wi-Fi interfaces, you can set up RUT240 to connect to multiple devices, including PCs, Laptops, VOIP phones, and printers, thus making sure all equipment is connected to the Internet. Finally, RUT240 is fully compatible with Teltonika Remote Management System, which not only enables remote monitoring and management of the device but also allows the router to be set it up and configured remotely. This opens up possibilities for IT support teams to set-up and manage a large number of devices quickly before safely shipping them to workers.

BENEFITS

- Fast to deploy – RUT240 has an Auto APN feature, which makes it extremely quick and easy to set up a mobile connection, just put in a data SIM card, and the router will apply necessary settings.
- Professional – RUT240 is powered by RutOS and designed for industrial applications, thus offering multiple supported networking protocols and security features to satisfy requirements of complex enterprise networks.
- Easy to use – all features of RUT240 are easy to configure with convenient Web User Interface and substantial configuration database, that can be accessed on https://wiki.teltonika-networks.com/view/Main_Page.

WHY TELTONIKA?

The RUT240 by Teltonika Networks is one of the most successful professional cellular routers because it is small, cost-efficient, reliable, and highly functional. It has been tested in the most complex industrial IoT solutions and mission critical M2M infrastructure. Paired with advanced features of Teltonika RMS – RUT240 is perfect for remote home office connectivity.

