

LMT and MikroTik jointly create the LTE18 router, fully manufactured in Latvia

In a collaboration between MikroTik and LMT, a high-speed, multi-frequency router has been developed using the latest generation LTE18 technology. The router is fully designed and manufactured in Latvia, an EU and NATO member state, and is now commercially available alongside LMT's internet services and Smart TV.

The router is developed for internet users with high data consumption, online gaming, smart TVs, surveillance—all of which require a reliable and powerful internet connection.

The LTE18 router allows both downloading and uploading data at a higher speed—the maximum download speed provided by the router is 1.2 Gbps and the upload speed is 150 Mbps.

According to the device's developers, the LTE18 technology supports MIMO 4x4, which is an integral part of modern wireless communications that supports the data stream. In this case, the router has four antennas that transfer data, resulting in a more stable internet connection.

The LTE18 router also fits the needs of operators who use specific virtual private network (VPN) connections. The router's operating system provides hotspot functionality and a wide range of specific configurations for users who aim to provide public internet access to their customers or local network users.

LMT and MikroTik have jointly created an innovation laboratory which has already produced 4G routers and several prototypes of 5G routers. Juris Binde, the president of LMT, emphasizes the importance of the LTE18 router alongside other new products and solutions, as they gradually enable the opportunities to the advantages provided by 5G.

The co-owner and chairman of the board of MikroTik, John Tully, adds that the router was designed to fit not only the current technological needs of internet users but also their future ones, too. 5G capabilities will become more available with time, and designing products and solutions that fit a wide range of necessities is crucial:

“For this reason, the ‘MikroTik LMT LTE18’ router has expanded functionality that will satisfy both business customers and any household requirements, not only now, but also in the foreseeable future”

The LTE18 router is not the only collaborative solution created by LMT and MikroTik. A high-capacity data transmission network is another solution that has been recently provided for scientists. At the moment the network allows several research facilities to transmit their data

with a speed of 10 Gbps, which significantly decreases the time required for genome data relocation.

Juris Binde adds that innovation and technology companies are undoubtedly the driving force of society's digital transformation. Latvian information communication technology companies have the unprecedented opportunity to use their knowledge base with its immeasurable potential, allowing them to strengthen their leadership not only in domestic but also foreign markets.