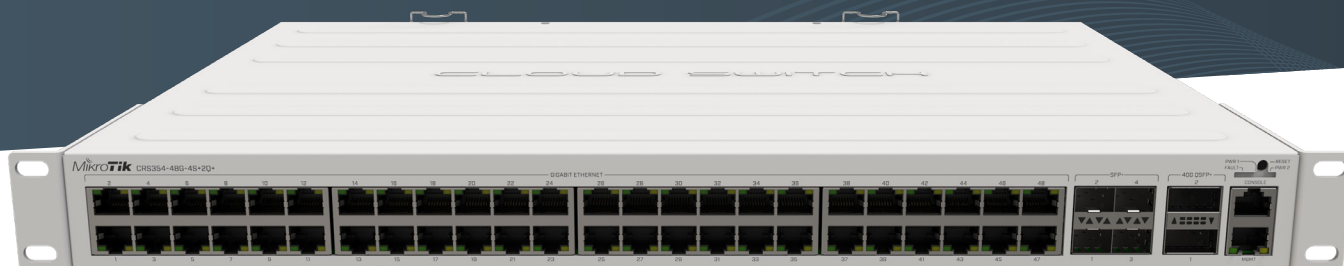**In this newsletter**
read about

- CRS354-48G-4S+2Q+RM
- NetMetal ac^2
- Real-life "firewall" fighting hail in Serbia
- Meet MikroTik at MWC2020

- "Most valuable company in Latvia" award
- MUM Europe 2020 in Prague
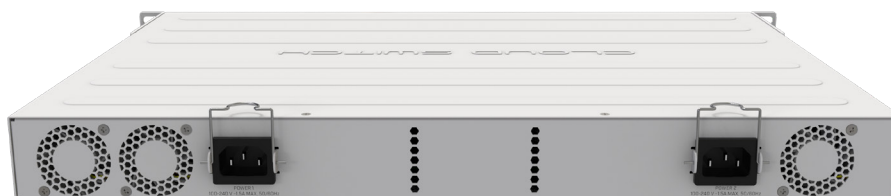- Upcoming MUM events in 2020

CRS354-48G-4S+2Q+RM

View online

Best price and best performance on the market – this 48 port switch will rock any setup, including 40 Gbps devices!

$ 499

If you are looking for a single switch that will put your network setup ahead of the curve without costing a fortune, look no further. The new CRS354-48G-4S+2Q+RM is an effective and adaptable rackmount solution for managing networks in demanding and busy environments. With this product we aim to set a new price-performance bar – get more features while spending way less!

High-end performance for the masses: more 10G ports and even 40G ports, because **speed matters**

The 48 port champion you've been waiting for – the bargain of the decade!

This powerful switch has 48 x 1G RJ45 ports and 4 x 10G SFP+ ports. There are also 2 x 40G QSFP+ ports for extremely fast fiber connections or linking with other 40 Gbps devices.
The total non-blocking throughput is 168 Gbps, switching capacity is 336 Gbps and the forwarding rate reaches 235 Mpps.

NetMetal ac^2

Our toughest long-range AP, now with dual-band support!

$ 169

More power and advanced features, with the same design philosophy as its predecessors – the new NetMetal ac^2 AP is sturdy, reliable, easy to use and extremely capable. This is the best way to add IPsec hardware acceleration to your backhaul link! We have added an out-of-the-box 2.4/5 GHz dual-band support – no need for additional tinkering!

NetMetal ac^2 can handle massive loads, as it features an improved 4-core CPU and 256 MB RAM. There is a miniPCle slot for an LTE or other wireless modules and an SFP port for fiber. The NetMetal ac^2 can be a very adaptable addition for all kinds of setups.

/ The enclosure can be opened and closed with one hand. Very handy in rough environments!

Choose NetMetal ac^2 – the Mars rover of long-range access points!

mANT30   mANT 15s   mANT 19s   mANT30 PA   HGO-antenna-OUT

Two RP-SMA connectors allow adding an antenna of your choice. If necessary, you can adapt the NetMetal ac^2 for lower range use with such antennas as our HGO-antenna-OUT screw-on omni antenna unit. It provides 3.3 dBi gain for the 2.4 GHz band and 5.5-7.1 dBi gain for the 5 GHz band.

Real-life MikroTik "firewall"
fighting hail in Serbia

Weather is one of the major risks for agriculture, especially the destructive forces like hailstorms. People of Serbia know this very well, so they came up with a modern solution for this ancient problem. An automated anti-hail system to protect the crops. Self-predicting command and monitoring system with minimal human involvement on the field – this MikroTik powered solution saves money on so many levels!

In their pursuit to make this system work across the whole country in a single smart network Serbian officials faced several critical challenges:
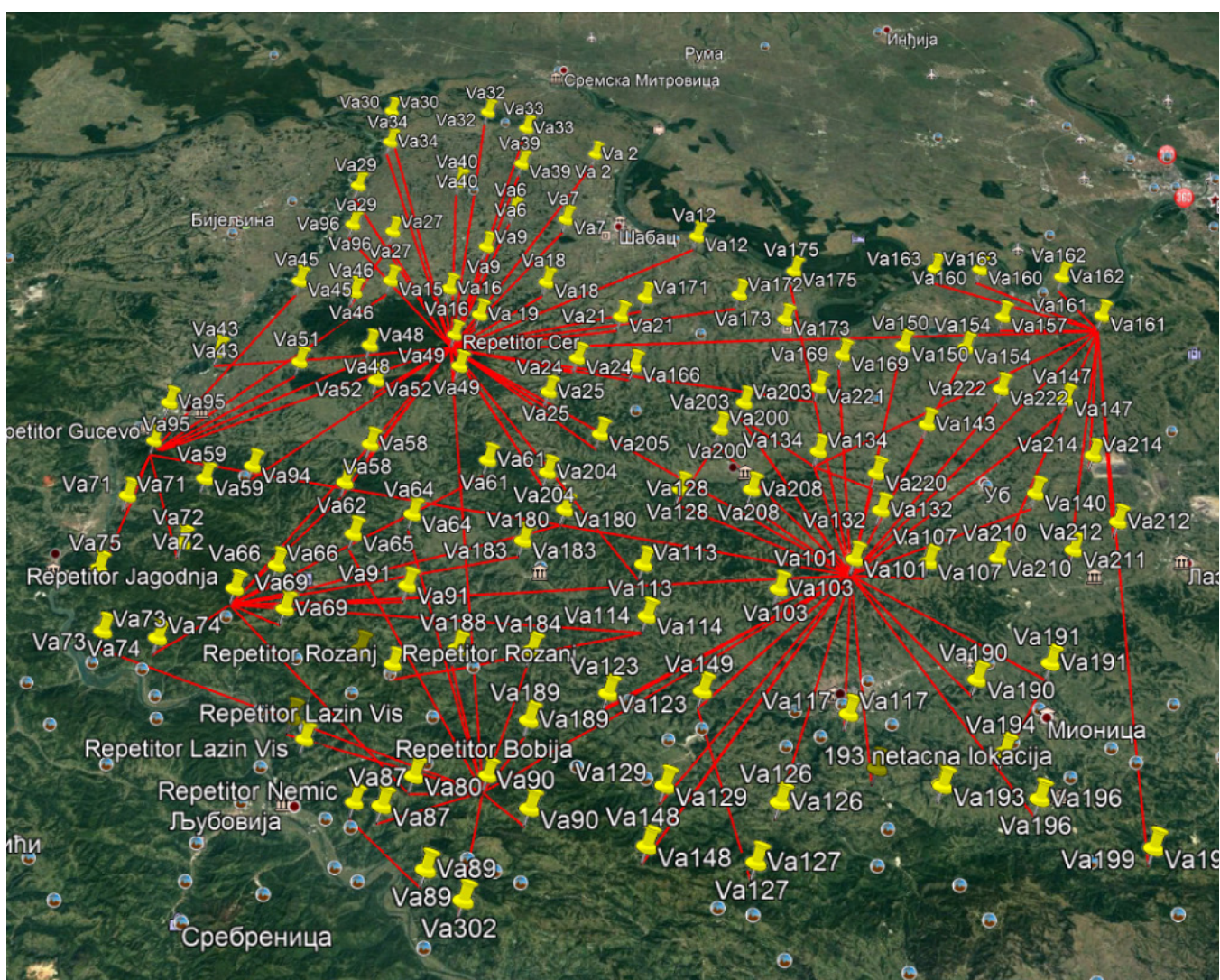- Great distances between locations (as far as 35km).
- Lots of hills in the region. Carefully planned locations for nodes and stations and a large number of tests and adjustments were necessary for the project to succeed.
- Large number of links required to reach all nodes and avoid interference.

Here is the solution: LHG XL HP5 for long-distance P2P links, mANTBox 19s for the nodes, NetMetal5 and MikroTik 30dBi Parabolic Dish for more complicated links, as well as some routers for local network and power management: PowerBox, PowerBox Pro, RB2011iL-IN, RB3011UiAS-RM and RB1100AHx4 Dude Edition.

This system is secure and invisible for outsiders: locations of each region are a part of the same private network, which can only be accessed with a command from the radar center. Currently, it covers only a part of Serbia, but they are working to connect it to similar systems in other parts of the country, creating a single, country-wide network. And the best part – instead of costing millions, all the MikroTik devices combined cost the country around 370 000 dollars!

MEET MIKROTIK AT MWC2020

BARCELONA, SPAIN, 24-27 FEBRUARY, 2020

MikroTik is going to the largest mobile event in the world – MWC2020 in Barcelona, Spain from February 24 to 27.

We plan to focus on the 5G/LTE technology there and we are bringing some fresh demo equipment: an exclusive sneak peek of 5G and LTE CPEs for indoors and outdoors.

If you are coming or you have such partners as cellular providers or mobile operators, who plan to go to the show, we would like to invite you to join us in our booth. Please contact sales@mikrotik.com, if you would like to arrange a special meeting during MWC 2020. MikroTik booth will be in the Hall 6 Stand 6J3 at the MWC 2020.

MWC series (formally known as Mobile World Congress) is the world's largest exhibition for the mobile industry, bringing together the latest innovations and leading-edge technology alongside today's most influential visionaries. Come see us there and be the first one to witness the 5G breakthrough!

MikroTik has received the "Most valuable company in Latvia" award

Every year the leading business media outlet in our country "Dienas Bizness", which means "Daily business" in Latvian, comes up with an analysis of top 500 strongest companies and best businesses, ranking them up based on profit margins, sales, turnover and the impact on the local economy.

In this rating, MikroTik was crowned as the most valuable company in Latvia. While Latvia is not one of the larger European countries, being a part of the 500 biggest businesses here and even becoming the country's most valuable company is no small feat, since the total turnover of these top companies surpassed 44 billion USD last year.

All this would not be possible without the support and passion of the amazing MikroTik community around the world. MikroTik user meetings, online forums, training centers, professional and amateur projects – seeing your passion and ingenious ways of setting up increasingly more effective and complex networks is the best inspiration for us to continue creating better products.

2019 was an excellent year, but this year is going to be even greater, as we release the best 5G/LTE products to date. We will continue working even harder so that high-quality Internet technologies become progressively more available to everyone. Thank you for choosing MikroTik!

MUM Europe 2020 in Prague approaching

Only two more months until MikroTik User Meeting (MUM) Europe 2020, which will take place in the legendary city of a hundred spires – Prague, Czech Republic on March 26 - 27!

Join the largest WISP conference in Europe - we are expecting more than 50 exhibitors and 1,600 participants from 60 countries! This is a unique opportunity for new business and sales contacts.

Be the first one to see the newest MikroTik products and learn about our upcoming plans. Latest technology demos by industry experts, raffle, gifts and workshops – all that and even more will take place in O2 universum, Prague's most modern multifunctional cultural and congress center. There is a huge shopping centre and a metro station nearby.

There will be enough time to explore the city as well, and it sure is worth it – Prague is an architectural gem of Europe with great beer, amazing food and affordable prices, you will love it!

There are still places available, but don't wait until the last moment!
Register now and come to the biggest MikroTik event in the world!

REGISTER NOW

MUM**EUROPE**

PRAGUE, CZECH REPUBLIC, MARCH 26 – 27

Upcoming MUM events in 2020

Meet MikroTik staff, certified trainers, master distributors and top network engineers. Witness latest technology demos and receive answers to all your networking questions!

Admission is FREE. There is no minimum attendance requirement, we welcome novice users and seasoned professionals. People of all skill levels will find something useful at the MUM. Any questions? Do not hesitate to contact us!

EUROPE, Prague
March 26-27, 2020

United States, Kansas City
April 15-16, 2020

Mexico, Cancun
April 20-21, 2020

South Africa, Johannesburg
February 7, 2020