

The Dude 4 beta

Full documentation in progress

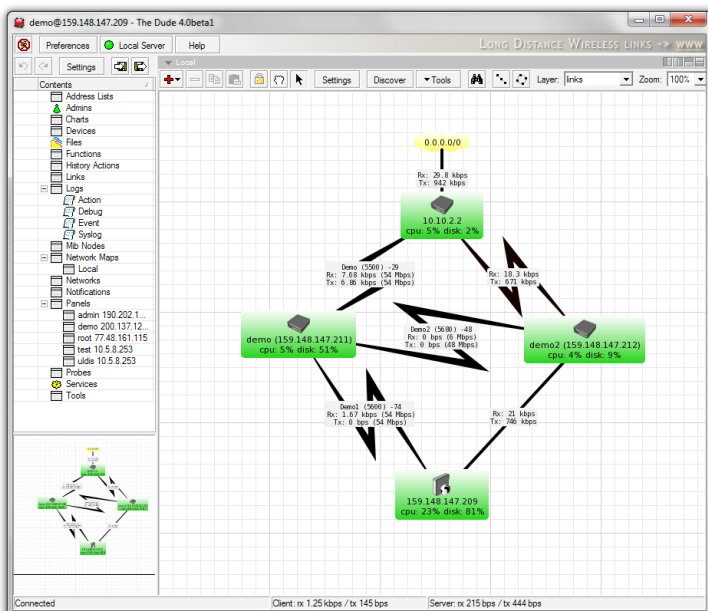
MikroTik is pleased to announce the new major revision of The Dude, the first beta version is now available for download.

Major changes include:

- new database engine based on sqlite3
- unlimited outages per service
- configurable amount of history data per data source used in charts, up to unlimited amount and detail of history
- rewritten, more accurate charts
- new backup format - faster, smaller, less memory consuming
- enable/disable notifications
- added some admin variables in tools
- added csv export to all tables
- flash friendly log flushing
- no local connection mode anymore, please check that 127.0.0.1 is allowed if you want to connect to server from localhost
- connect dialog accepts dns names
- more convenient 'firefox style' search
- other improvements

We have also started to work on new documentation for The Dude. It is still a work in progress, but basic information is available here:

http://wiki.mikrotik.com/wiki/The_Dude



MUM USA 2010 in Phoenix, AZ

We are pleased to announce our next User Meeting (MUM) in Phoenix, Arizona (USA) on September 30th - October 1st 2010.

As usual, this is the best place to learn about new MikroTik products, see them in action, listen to professional presentations, take part in workshops, and meet other MikroTik users.

This is the MikroTik event of the year and you are invited to come!

The MUM will take place in the splendid Chaparral Suites hotel in Scottsdale.

Register online and receive your entry ticket - both free tickets, and paid tickets are available. Free tickets don't include lunch and RouterOS license. All attendees must register and print tickets before their arrival!

More information about the MUM:

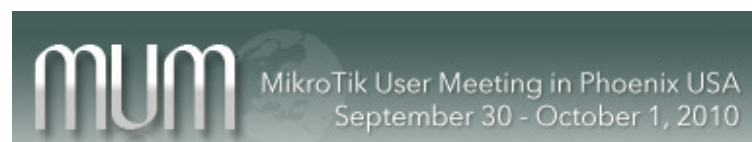
<http://mum.mikrotik.com/2010/US/>

Register early, register now!

<http://mum.mikrotik.com/register.php?section=21>

We will also offer RouterOS training prior to MUM. MikroTik will provide MTCINE training and certification (conditions apply), and our partners will offer other trainings. Training requires separate registration and payment. Look here for more info about the training:

<http://www.mikrotik.com/training.php>



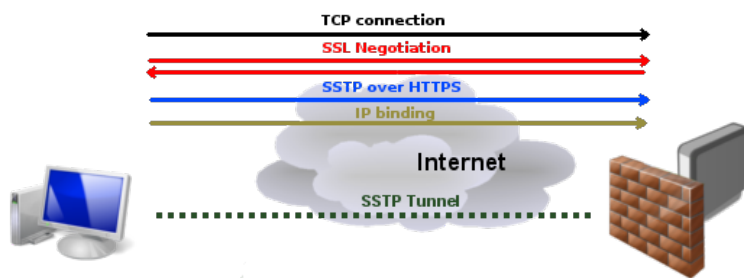
More pictures at: <http://mum.mikrotik.com/gallery/>

Break through the Firewall with SSTP

Many hotspots, firewalls and proxy servers don't allow you to use regular VPN connections to connect to your office or home, for accessing local network resources, encrypting your communications or accessing otherwise blocked web services.

In RouterOS v5 we have added SSTP, the new VPN tunnel that works over an SSL 3.0 channel, therefore, bypassing any filters and proxies. All that is required, is that you can view regular HTTPS services, because SSTP works over TCP to the 443 port, looking to any filter just like regular secure-http traffic.

More information in our Wiki:
<http://wiki.mikrotik.com/wiki/SSTP>



Improved multicore support

Starting from RouterOS v5.0beta3 we have added the following two features:

1. IRQ balancing - allows to assign IRQ to specific CPU
2. PCI MSI support - allows to avoid situations where several physical interfaces are with the same IRQ

With these two features you will be able to assign specific physical interface to specific CPU core.

IRQ balancer can be found in "/system resources irq" menu.

This means your X86 multicore (SMP) system will perform even faster now, as resources will be much better balanced.

Now the "/system resources cpu" menu will show load for each CPU core separately.

MikroTik in Service at Largest Oil Spill in US History

The Deepwater Horizon oil spill is a massive ongoing oil spill in the Gulf of Mexico and the largest offshore spill in U.S. history.

The spill stems from a sea floor oil gusher that resulted from the April 20, 2010 Deepwater Horizon drilling rig explosion. To date, hundreds of companies and tens of thousands of workers are actively involved in the oil spill cleanup.

One of those contractors, BJ Services required a fast and efficient way to communicate voice and video between their work boats and the drilling rig on station at the spill site.

David Kendrick of Talladega Systems contacted Steve Discher with LearnMikroTik.com and together they designed a system for BJ Services using RouterBoard 433's and SR9 cards to build a point to multipoint wireless network. 900 megahertz was chosen due to the abundance of 2.4 and 5.x unlicensed microwave currently being used at the site as well as it's versatility on land for foliage penetration should the system be reused for another land based project in the future.

On the first job the Blue Dolphin and the HOS Centerline were connected via 900MHZ radio. On the second the connection will be between the Blue Dolphin, HOS Centerline, Drill Ship Enterprise and Drilling Rig DD3.

MikroTik RouterBoards and RouterOS were chosen for their robust feature set, versatility and advanced QOS capabilities for the VOIP portion of the network.



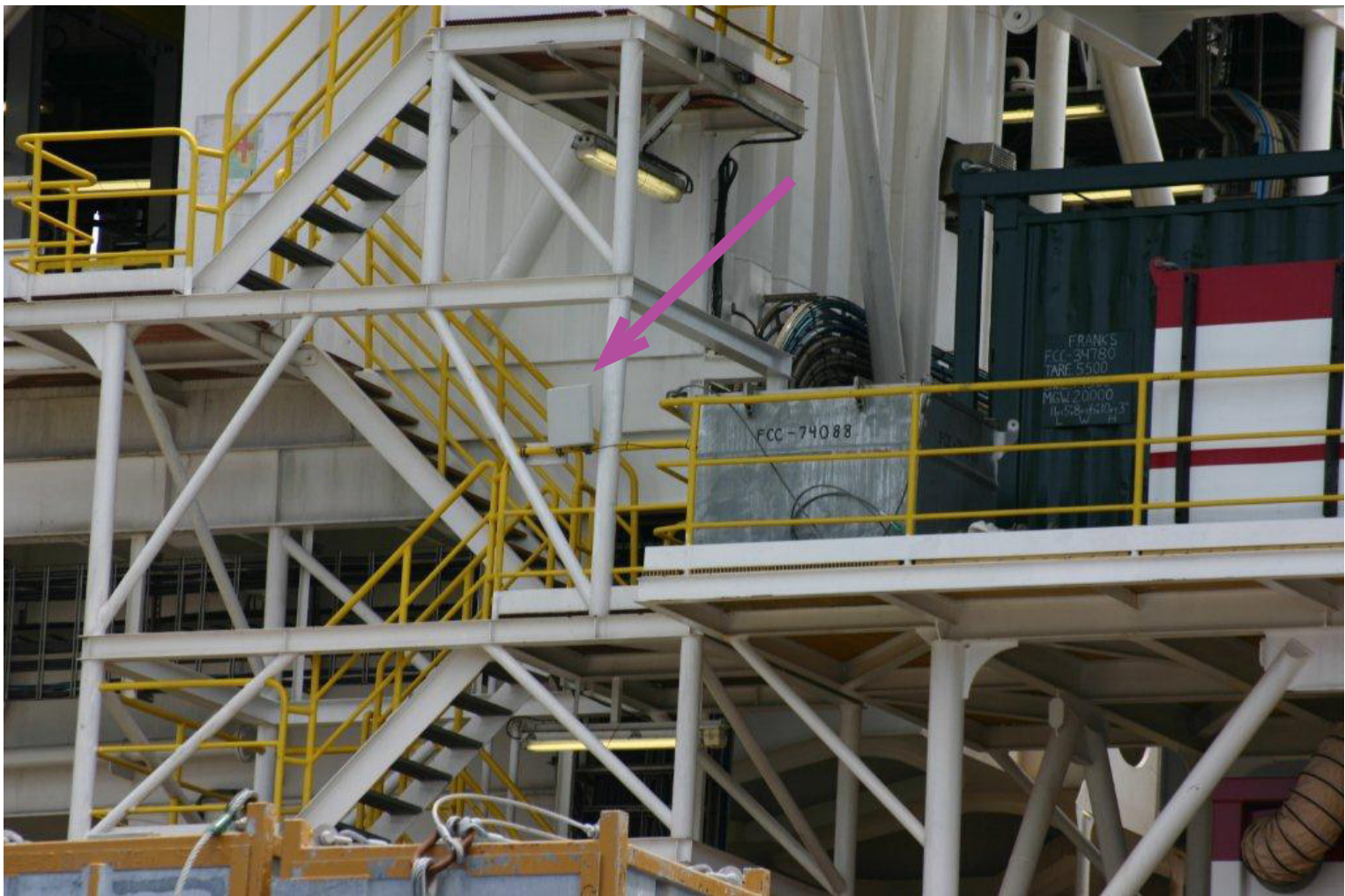
Pictures of the MikroTik installations on the ships



The DD3 drilling rig



Site overview



The DD3 drilling rig up close, RouterBOARD outdoor box visible in center