



Izzivi postavitve brezžičnih omrežij

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[HTTP://WWW.KATE-WING.SI](http://www.kate-wing.si) / [HTTP://WLAN.NOVAGORICA.EU](http://wlan.novagorica.eu)

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The advertisement features the Wi-Fi logo on the left, with the text "wi-fi.si" and "brezžično omrežje" below it. A blue and yellow ribbon flows from the logo across the scene. On the left, a family of four is riding a bicycle on a green hill. On the right, silhouettes of three people are riding a bicycle against a background of the Earth from space. Below the ribbon, three icons are displayed: a mouse for "Internet", a monitor for "Televizija", and a telephone for "Telefonija".

wi-fi.si
brezžično omrežje

Internet





Televizija


Telefonija


NO \$


Domov / Home Točke / Hotspots O projektu / About Kontakt / Contact Tvoja točka Storitve


WLAN
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Brezplačne
brežžične točke / Free
internet hotspots


Brezplačna SMS
sporočila / Free SMS
messages



Podpri nas na
Facebooku / Support us
on Facebook


Podpri nas.

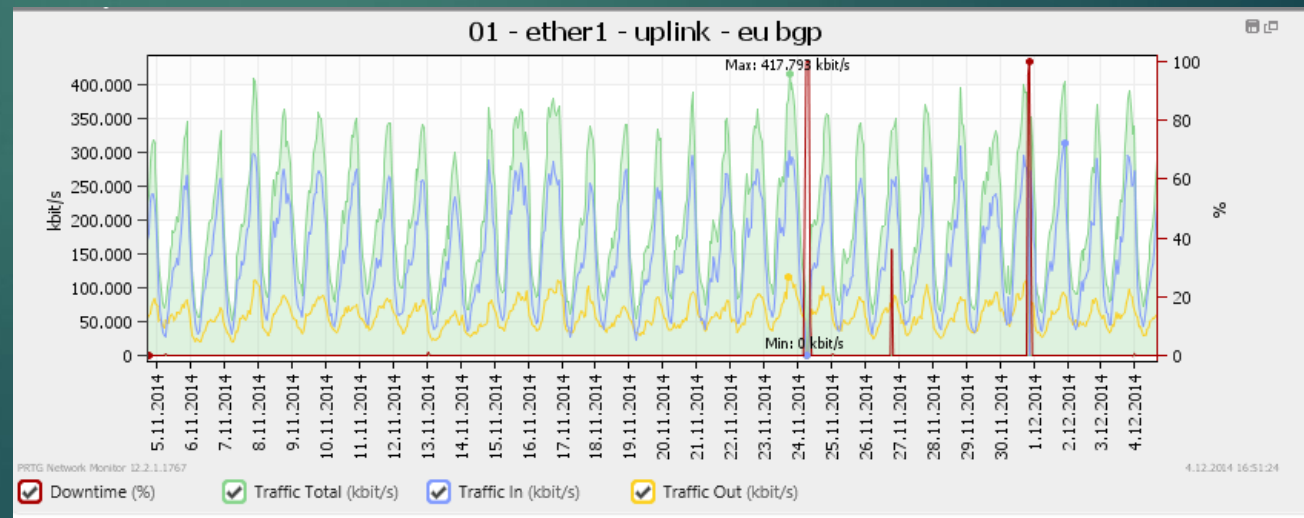
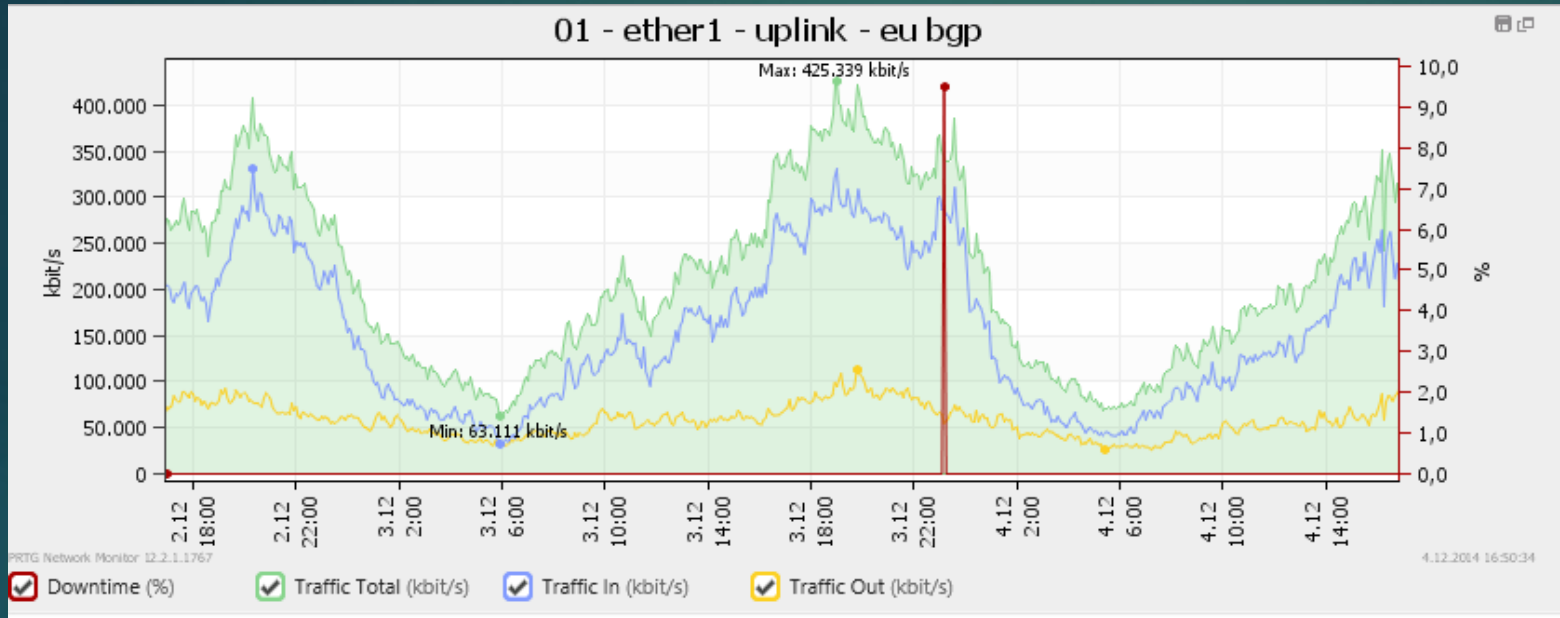
 **PAY BY MOBILE**

KATE-WING - WISP

SOME STATS:

- ▶ ~1300 Ubiquiti (UBNT) devices (~1100 clients)
- ▶ 45 distribution points
- ▶ Running on Mikrotik (BGP routing, other routers, firewall...)
- ▶ 3 GHz (Rocket M3)
- ▶ 5,4 GHz (Rocket M5 / AirFiber)
- ▶ 24 GHz (AirFiber)
- ▶ DNS, MAIL services on IPv4 and IPv6
 - ▶ Clients on IPv4 only
 - ▶ (Except Doblar – fiber) ☺ 

KATE-WING - WISP



Izzivi

- ▶ Naravne (mini/maxi) katastrofe
 - ▶ Izpadi električne energije (predvsem oddaljeni oddajniki)
 - ▶ Nedostopnost oddajnikov zaradi podrtih dreves ☺
- ▶ Motnje na oddajnikih RTV
 - ▶ Full / half duplex
 - ▶ 10/100/1000 Autonegotiation
- ▶ CCQ – Client connection quality
 - ▶ Pri kombinaciji razdalj med uporabniki in distribucijo

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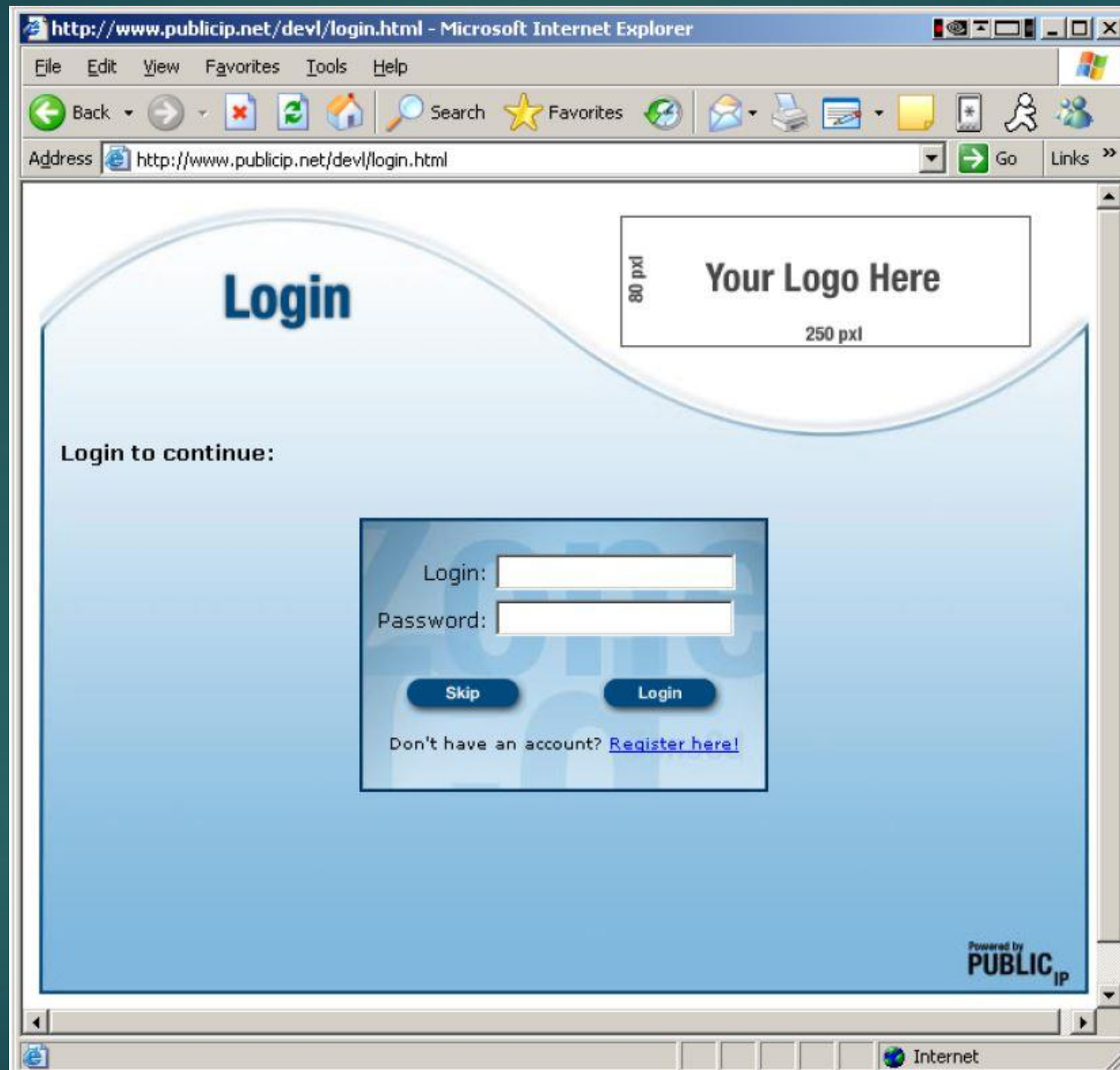
- ▶ free wireless network in Nova Gorica
- ▶ Tourist information purposes
- ▶ „urban“ wi-fi access

WLAN
novagorica.eu



wlan.novagorica.eu

- ▶ 10 years – 2004 – 2014 ☺
- ▶ Started as a student project @ Klub goriških študentov – students association in Nova Gorica
- ▶ At the beginning we were using „computers“ as routers with „Public-IP“ project (captive portal)...



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- ▶ ...later we started to use m0n0wall with...



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- ▶ At that time there was always ol'good wrt 54 gl as access point...



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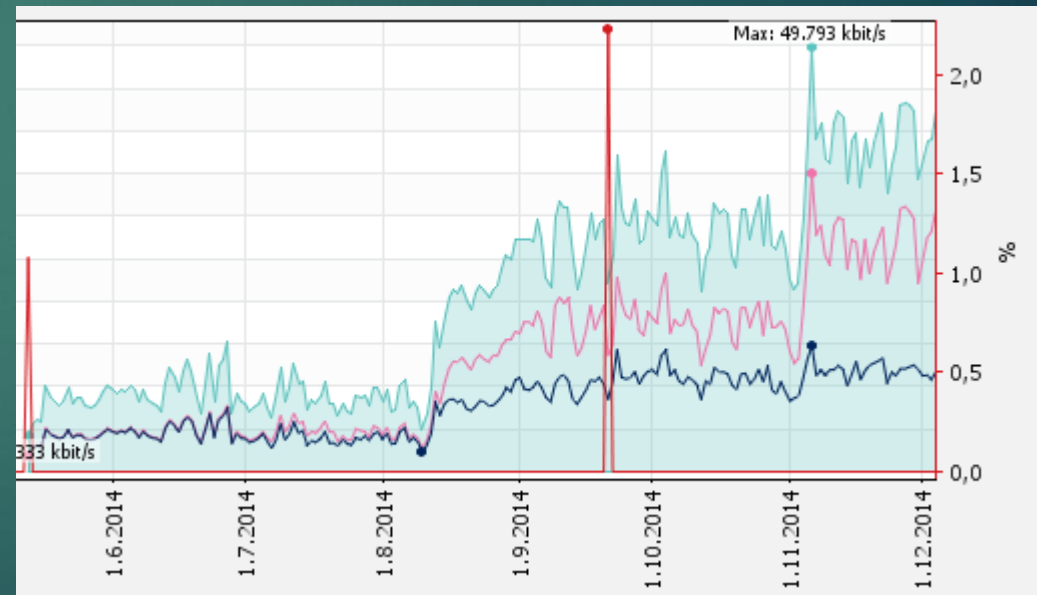
- ▶ Last 4 years – wlan.novagorica.eu is running Mikrotik only 😊



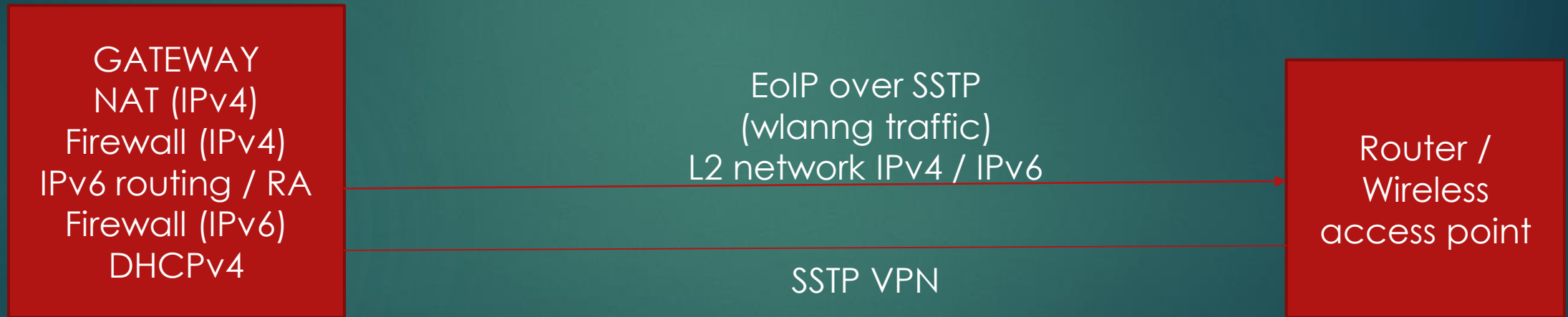
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2.8.2014 – no more captive portal

1.11.2014 - ??? ☺ someone discovered torrent client?

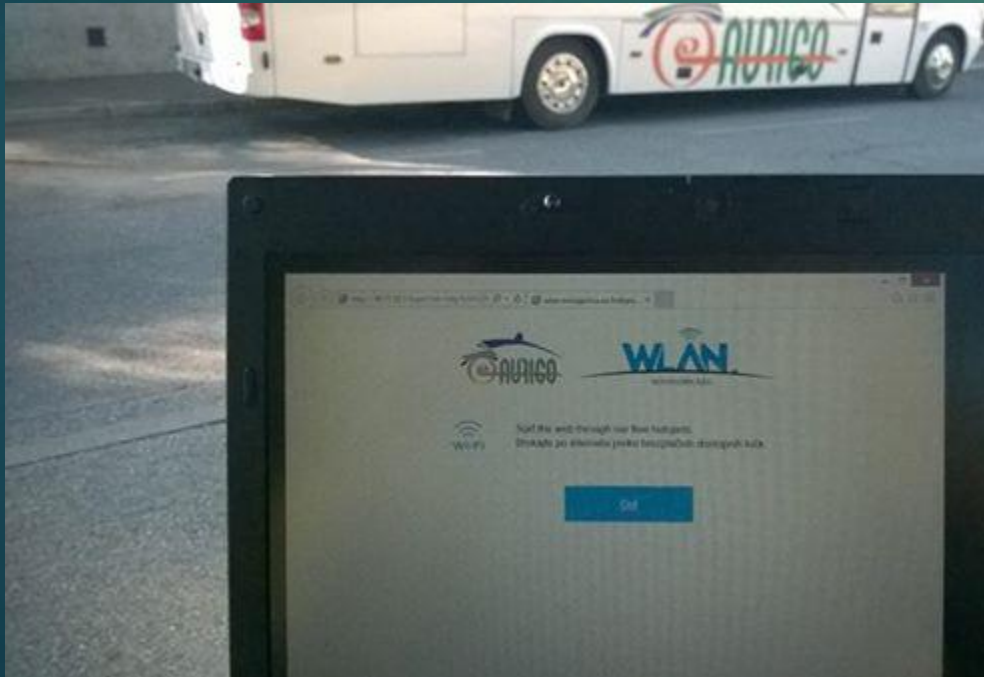


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wlan.novagorica.eu on bus



wlan.novagorica.eu

Izzivi

- ▶ Interference pri gosti postavitvi
- ▶ Izključevanje naprav (lokali, inštitucije...)
- ▶ CCQ – Client connection quality (again 😊)

?

