



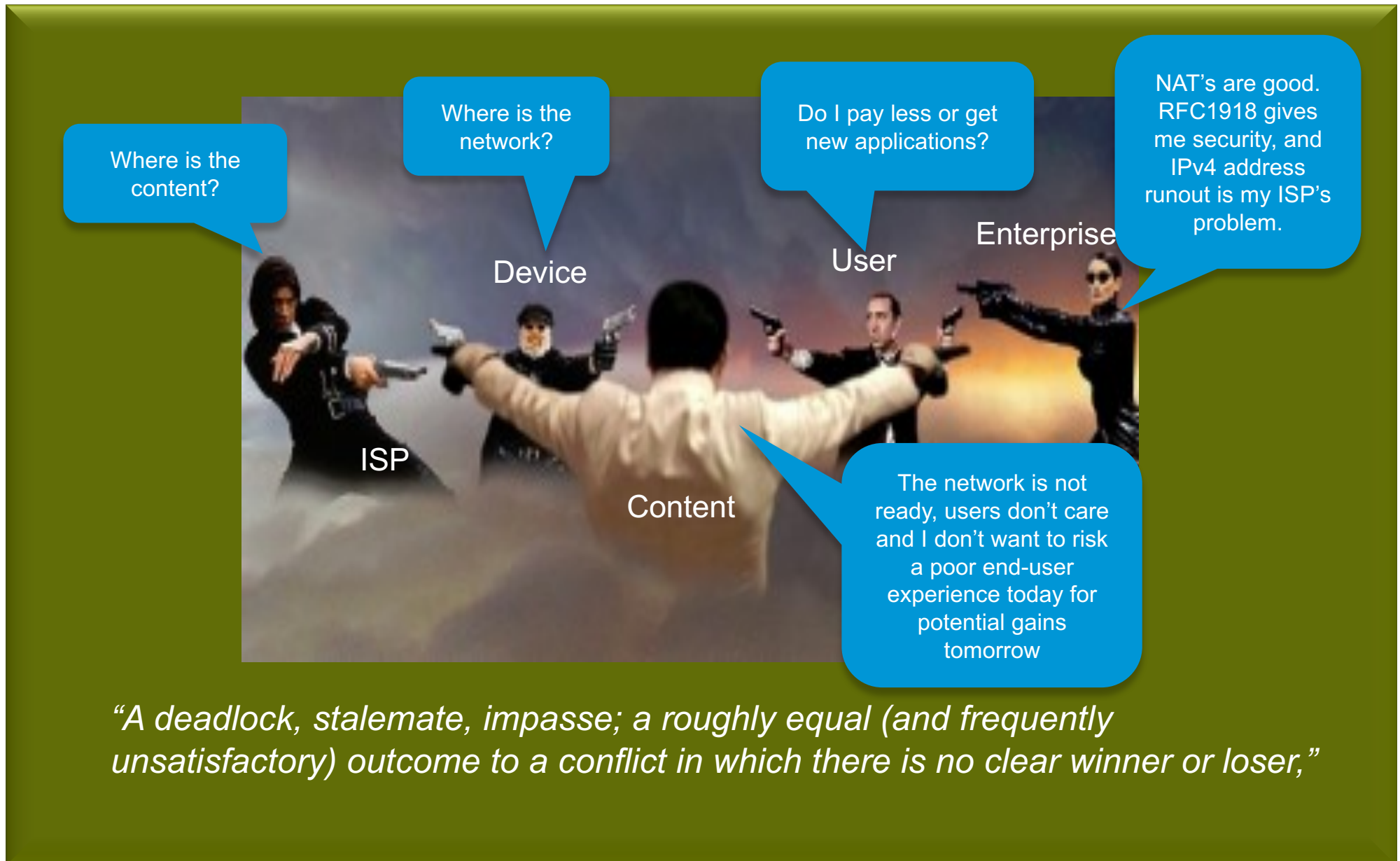
Belgian IPv6 council 10th meeting

Welcome to Cisco Belgium

Jerome Paquay
Systems Engineer



IPv6 adoption: from a Mexican Standoff



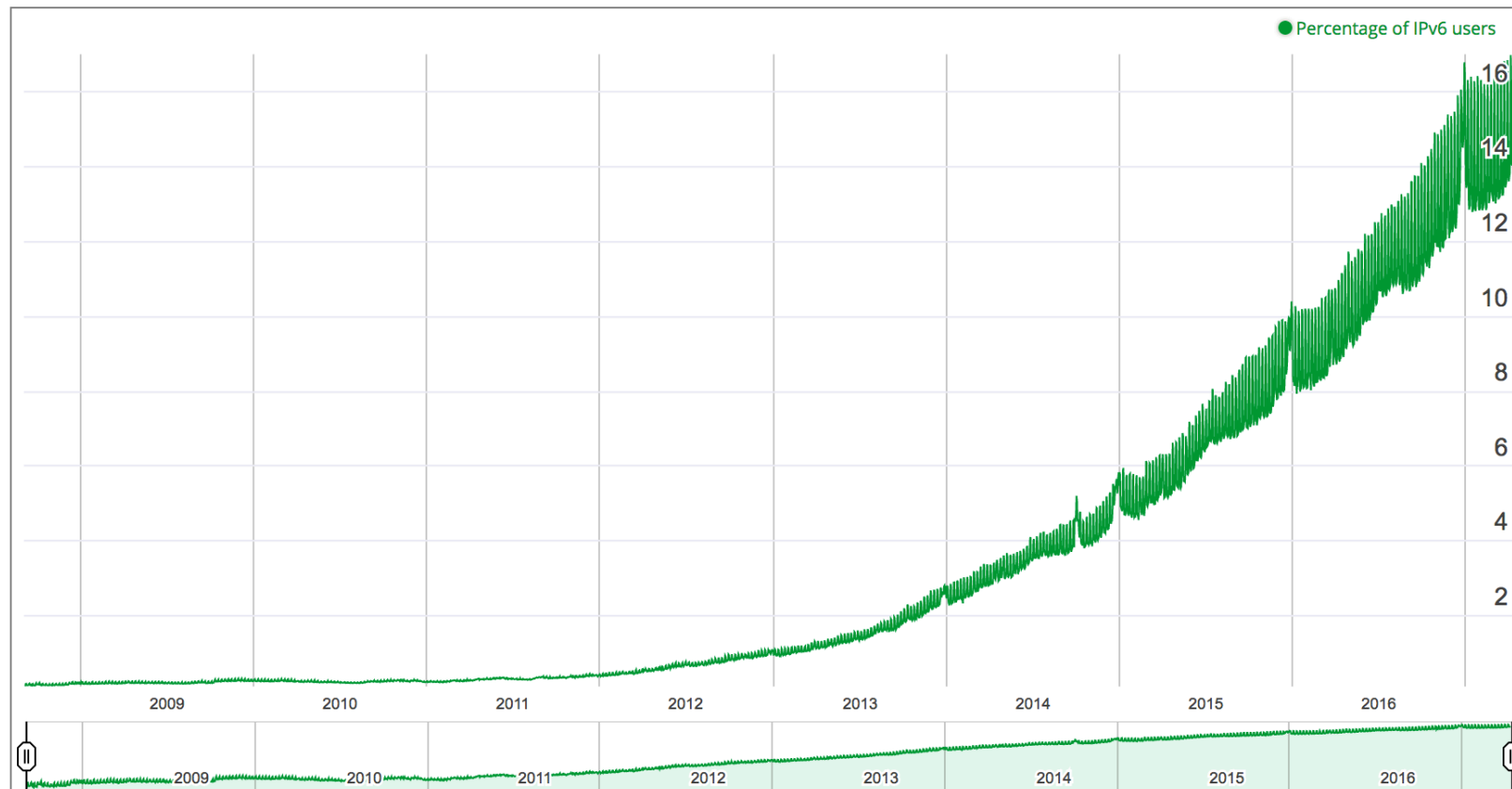
Already 10 Belgian IPv6 council meeting, and counting. What a race ☺

- 19th April 2017 10th @ Cisco
- February 2017 **IPv6 only campus building** @ Cisco
- 4th May 2016 9th @ Nokia / ALU
- 17th November 2015 8th @ BT
- 15th June 2015 7th @ FEDICT
- February 2015 **IPv6-only on main SSID @ FOSDEM** – v4 on legacy !
- 12th December 2014 6th @ Telenet
- 5th June 2014 5th @ Proximus (then Belgacom)
- 11th September 2013 4th @ PwC
- 7th March 2013 3rd @ Belnet
- 6 june 2012 **World V6 Launch**
- 23rd March 2012 2nd meeting @ Technicolor
- 8 june 2011 World V6 Day
- 16th February 2011 1st meeting @ UCL
- January 2010: **IPv6 telephony @ Networkers** and **IANA IPv4 address space depletion**
- 2004 **IPv6 HW FW** on CRS-1 & C6500/C7600 sup720
- Since 2003, Cisco IT progressive deployment
- Year 2000 Cisco IPv6 Statement of Direction
- December 1998 **RFC 2460**
- May 1998 EFT for IPv6 in IOS
- 94-96 IETF IPng WG and 6Bone creation



To booming stats

Belgium
IPv6 Adoption: **48.57%**
Latency / impact: **10ms / 0.04%**





What's next ?

- IPv6 only for
 - IoT
 - Micro-services & cloud ready infra
 - 5G
 - NFV
 - Segment routing

- And the enterprise network ?

IPv6-only

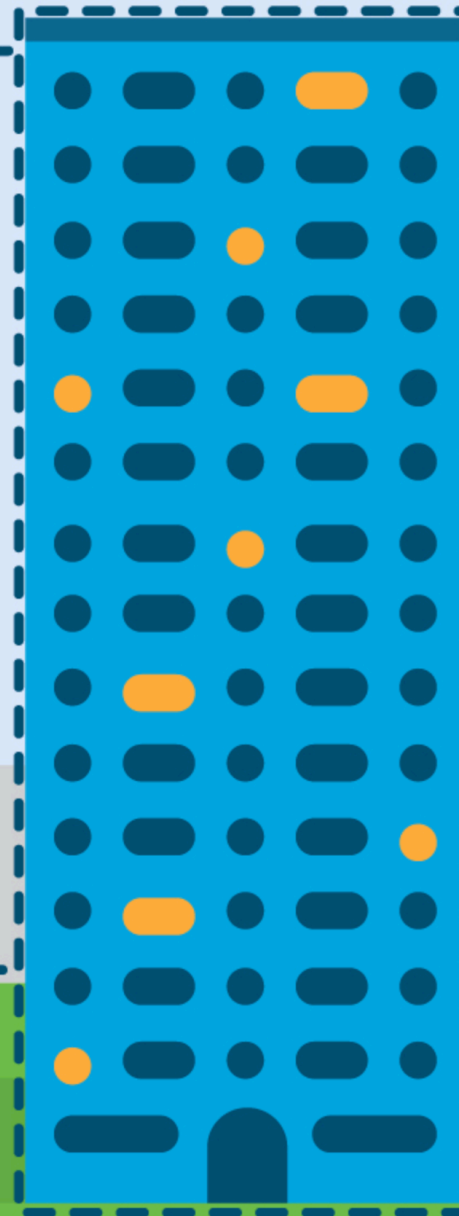
500
users

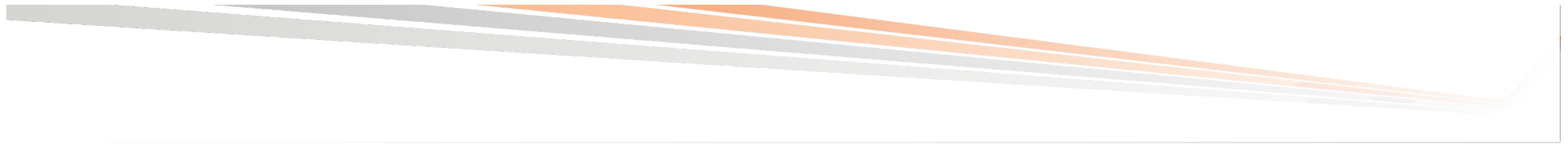
20
IPv6
applications

120
apps

3
months

Template
for small, medium
and web-scale
enterprise
customers





Thank you.

