

UKNOF24

Kay Rechthien • February 17, 2013



Facts: Numbers



- 100 connected Peers (73 % IPv6 enabled)
- 107 Gbit/s Peak Traffic
- 440,5 Gbit/s connected bandwidth
- ~30% are buying remote peering

Facts: Locations



Düsseldorf (2003)

5 Locations

Core: Interxion

Hamburg (2009)

4 Locations

Core: IPHH

Berlin (2001)

5 Locations

Core: Speedbone

Add-on Services



- Value Added Services for our peers
- Extra VLAN on trunk port
- Private VLAN
- AMS-IX by Atrato
- LU-CIX

Current Projects



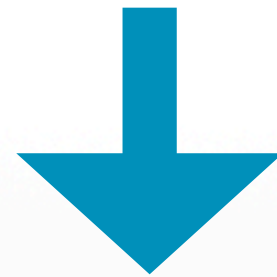
New backend/frontend/CSC

New hardware platform

New software



- Old code / hard to maintain
- New features and tools needed
- Lots of tools used without proper interaction



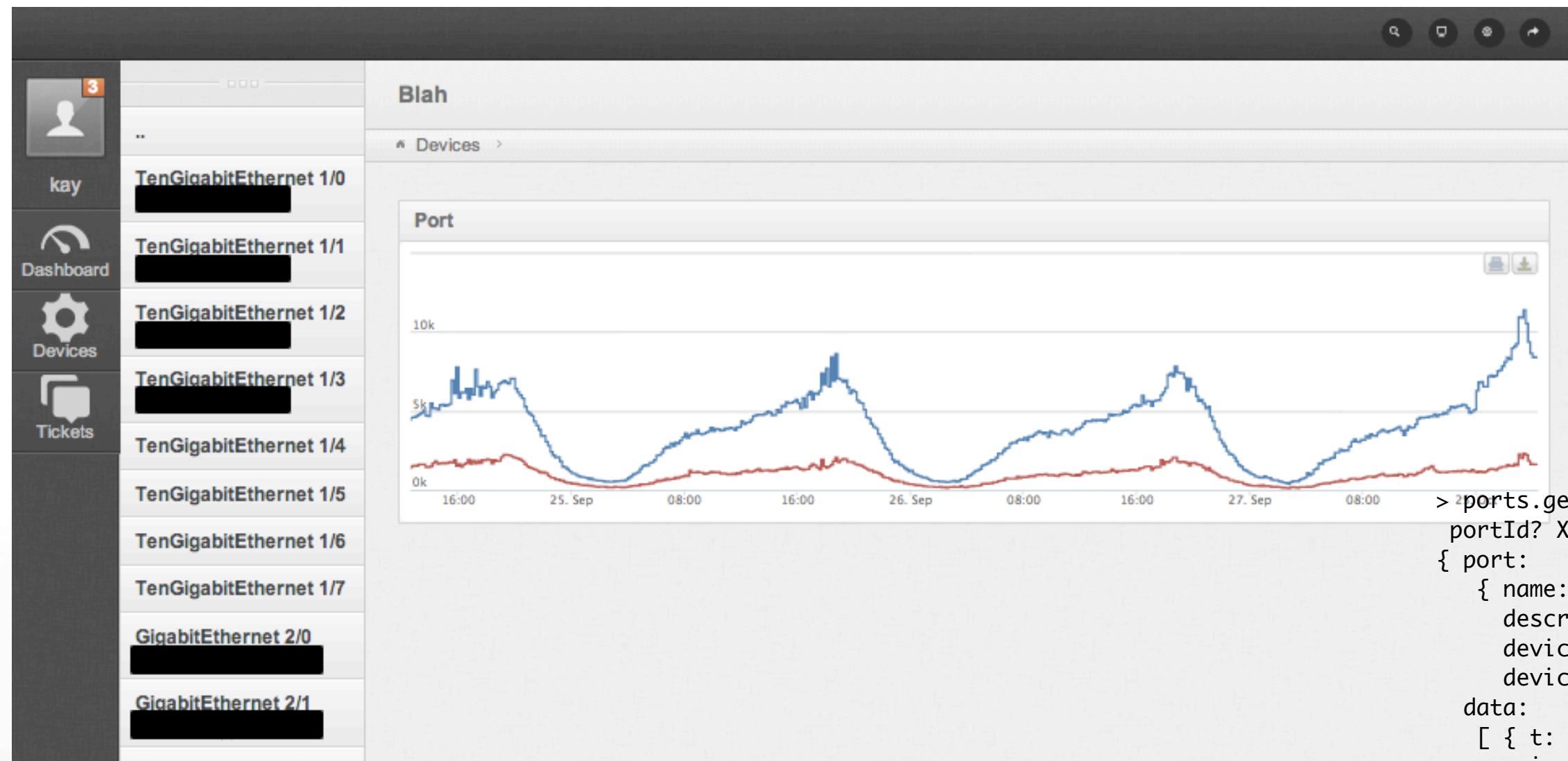
ECIXng



- New Database
- JSON-Rest / JSON-RPC API
- Multiple Frontends (Web, CLI, IRC, Mobile App,...)
- Fully integrated ticket system
- Notifications (Mail, XMPP, Push, SMS, ,...)
- Detailed Stats and Logs
- Dashboard-Like screens
- More automatization and better CSC



ECIXng - stats

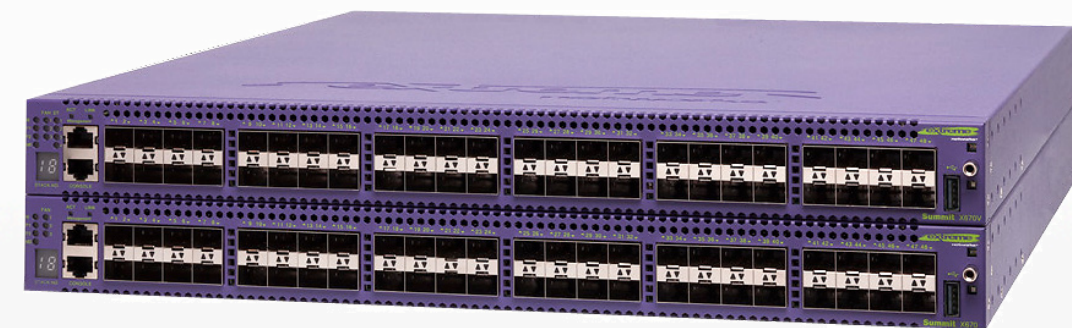


```
> ports.getTraffic
portId? XXXX
{ port:
  { name: 'Port-channel 12',
    description: 'XXXX 40GEC',
    deviceName: 'ecix-dus-sw1-ix-c300',
    deviceIP: 'XXXX' },
  data:
    [ { t: 1348490128518,
        in: 11050058530815700,
        out: 2232776694525121 },
      { t: 1348490183711,
        in: 11050085644643554,
        out: 22327..... }
```


New hardware platform



- Port-density
- Support
- Extreme
- Better support
- Lower port-costs
- MPLS capabilities
- More



Thank You!

Questions?

More information: <http://ecix.net/>

Contact: info@ecix.net

