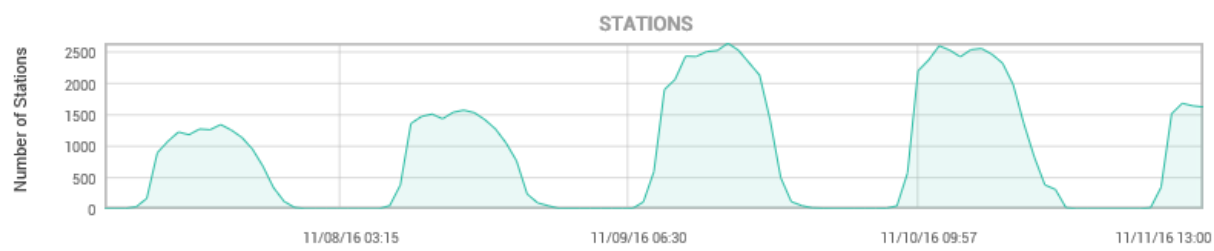# DEVOXX™ 2016 AT A GLANCE

40 countries
3400 attendees
One common language:
Java... and wireless!
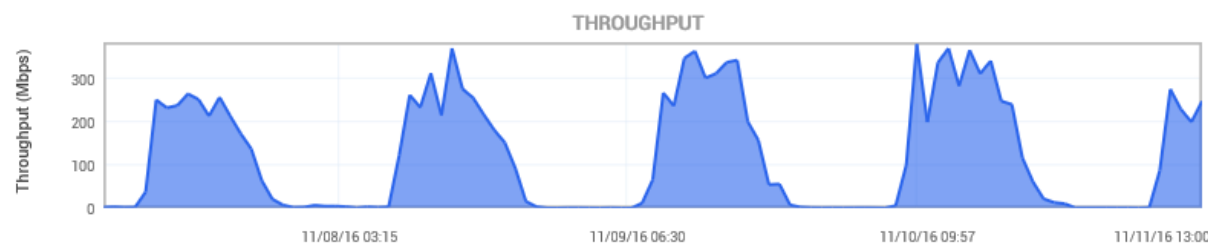
How to build this wireless dream?

Solid Infrastructure

47 Fortinet Access Points

137 radios 11bgn, 11an and 11ac

Barracuda Firewall

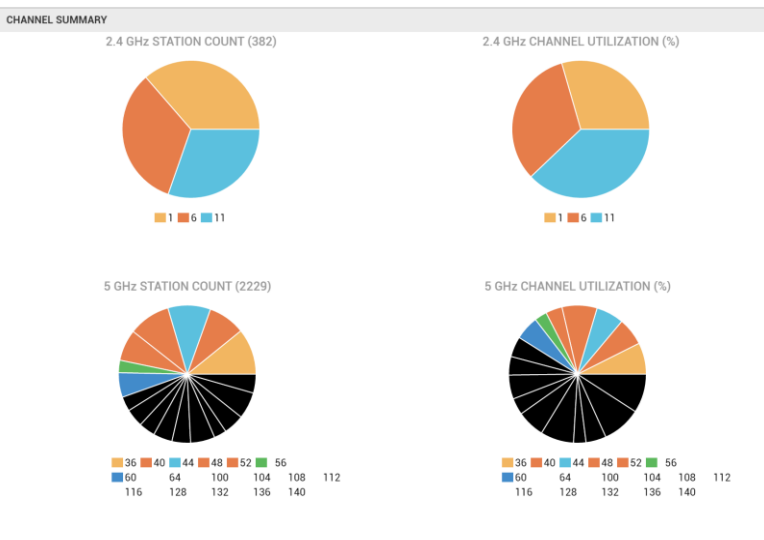20 switches (HP, Cisco, AT)

4.500m UTP cabling

800m fiber

STATIONS

2.641 simultaneous client connections, 5.148 unique devices

THROUGHPUT

383Mbps throughput and over 4TB of data exchanged

Great Design

CHANNEL SUMMARY

2.4 GHz STATION COUNT (382)

2.4 GHz CHANNEL UTILIZATION (%)

5 GHz STATION COUNT (2229)

5 GHz CHANNEL UTILIZATION (%)

Equal airtime division over all available channels

Room	Seats	Simultaneous users
zaal 3	345	282
zaal 4	426	342
zaal 5	684	583
zaal 6	407	427
zaal 7	407	272
zaal 8	746	664
zaal 9	426	373
zaal 10	345	310
foyer	500	718
BOF1	40	113
BOF2	40	184
Hollywood	500	222

Users exceed number of seats in the room
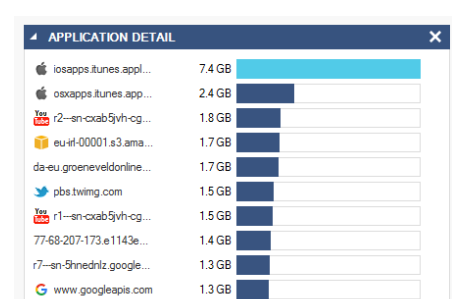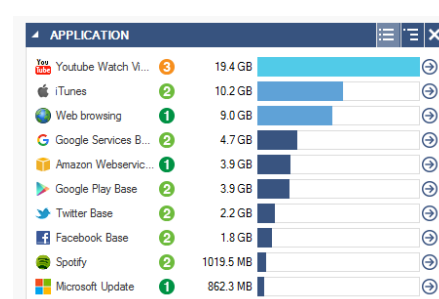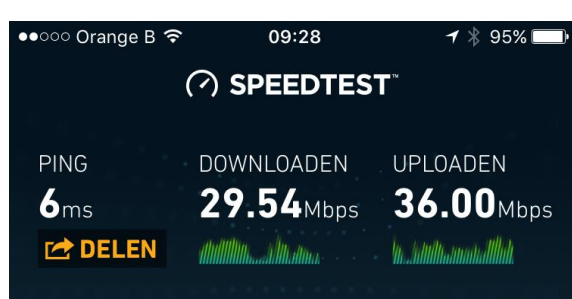
Balancing of 2.4 & 5GHz clients

Manual power levels & channels

Antenna orientation

Load balancing

AP coverage

Stability and consistency for every device and application

Broad compatibility set for iOS, Android, Windows, OS X and Linux

Stable connection throughout the entire venue

OUI Distribution

For all type of clients

SPEEDTEST

PING
6 ms

DOWNLOADEN
29.54 Mbps

UPLOADEN
36.00 Mbps

DELEN

High throughput test amongst 700 people in one room with over 2500 connections at the same time
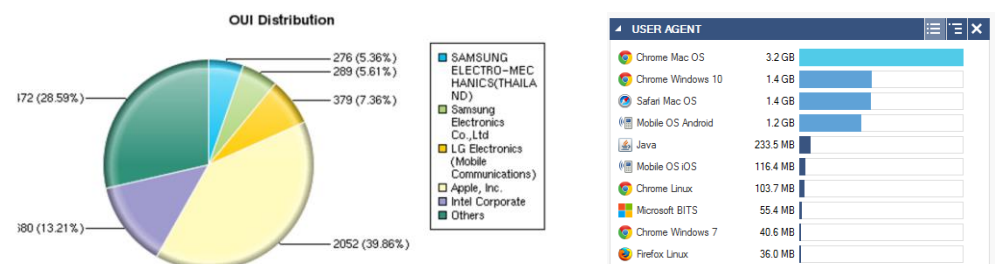
For all type of applications

And that's how we create magic !

Check our presentation at Devoxx: https://www.youtube.com/watch?v=294EKi25l0M