



OPEN NETWORKING
FOUNDATION



Korea Open Networking 2015 Open SDN is Global!

Marc Cohn, ONF Market Area Director
Senior Vice President, ClearPath Networks
November 19, 2015



Marc Cohn, SVP ClearPath Networks



- Enabling scale-out, VNFaaS use cases; initial focus on vCPE
- Pioneer in Cloud-based Networking (10 patents)

- Customers:
 - BT
 - Deutsche Telekom
 - Hrvatski Telekom

- Industry Leadership



Market Area Director



Silver Member Director
Board of Directors



Advisor to the Chair
(ETSI NFV ISG)

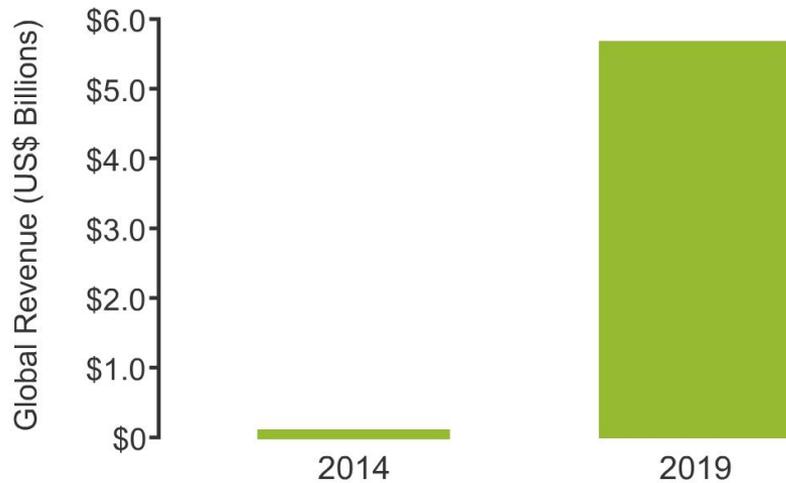


Market Committee

SDN is beginning to take off!



The service provider segment of the SDN hardware, software and services market is forecast to hit \$5.7B by 2019

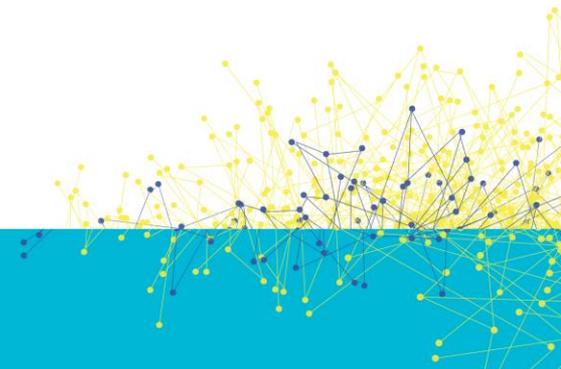


© IHS, *IHS Infonetics Carrier SDN Hardware, Software, and Services: Annual Market Size and Forecasts; August 2015*



[F5 Commissioned IT survey](#)

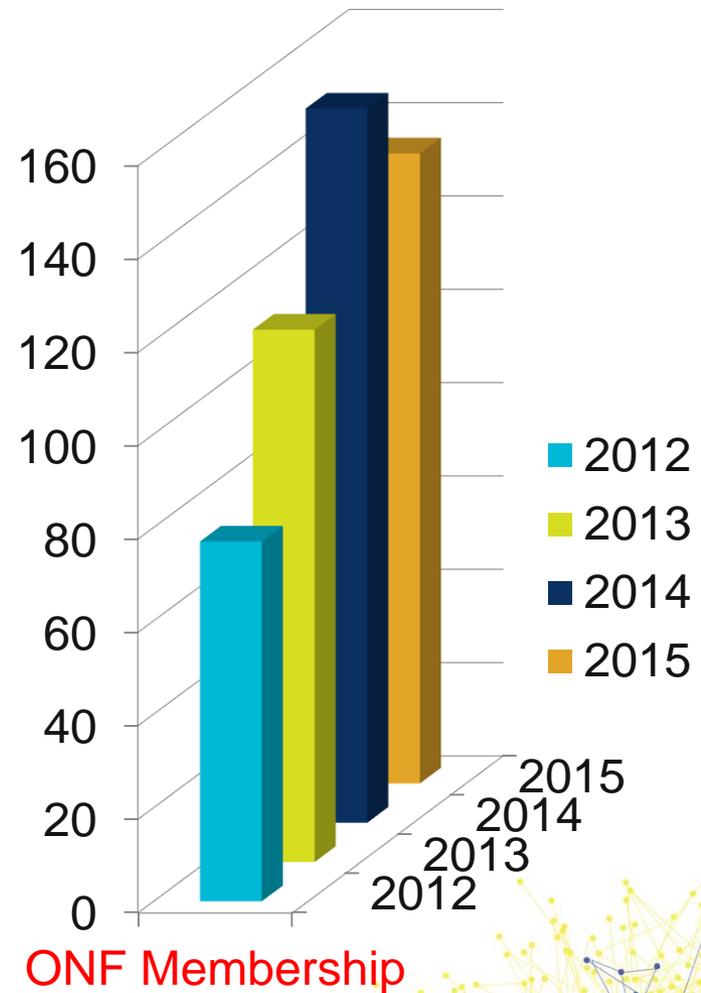
N=365 respondents, North America IT professionals



ONF is evolving

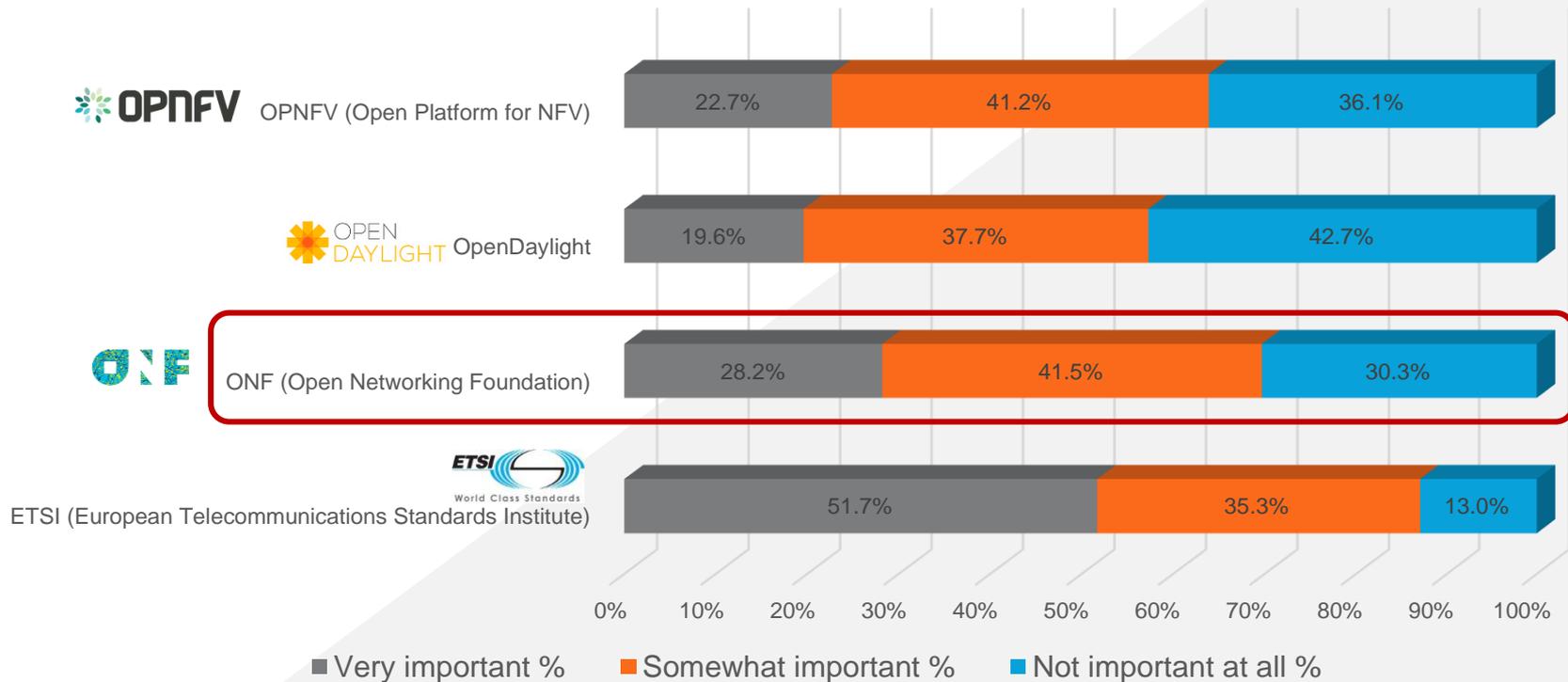


- Not just about OpenFlow
- Driving Carrier SDN
- Catalyst for Software
- Committed to Collaboration



Industry Perception: Relative Importance

THE NEW IP



Promoting Open SDN



ONF Blog



You are here: Home > Blog

ONF BLOG

#SDNShowcase: SDN in Action

Posted on October 7, 2015 by Rick

What inspired ONF's SDN Solutions Showcase? Rick Bauer provides insights on the event and shares what to expect in Dusseldorf.



We are excited about our upcoming SDN Solutions Showcase at the SDN & OpenFlow World Congress! This will mark our fourth event where we bring together examples of real-world SDN implementations showing various network applications, many with end user participation. In order to understand why we hold these Showcases, it is important to answer the question of "Why SDN now?"

Continue reading →

Posted in Blog | Tagged #SDNShowcase, Layer123, SDN, SDN and OpenFlow World Congress, SDN Solutions Showcase | Leave a comment

ONF/SDN Workshops



White Papers Solution Briefs

Speaking Engagements

ONF Webinar: What's Going On With Intent Driven Networking & Northbound Interfaces

September 30, 2015

https://www.sdxcentral.com/event/intent-driven-networking-onf-webinar/?utm_content=buffer4b1ba&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer

Hot Topics in SDN

A Panel Discussion with Thought Leaders

September 30th at 10:00am PT

Register Today!



One of the top discussion topics in software-defined networking (SDN) today that has received significant attention from the leading technology vendors is intent driven networking. Every major vendor has a contribution towards the top open source projects in this field, ranging from Group Based Policy (initiated by Cisco, but now an industry-wide effort) to Congress (initiated by VMware and part of OpenStack), to the most recent efforts of the Network Intent Composition group.

ONF, in collaboration with SDxCentral, has brought together some of the leaders and core contributors to these efforts in an online panel discussion that will provide a quick ramp-up to this hot new topic and a discussion around the salient points. This is a must-attend webinar for network and infrastructure architects.

SDN & OpenFlow® World Congress

October 12-16, 2015 | Dusseldorf, Germany
<http://www.layer123.com/sdn>



The SDN & OpenFlow® World Congress offers the principal opportunity to examine developments, debate the issues, and showcase the reality of SDN and NFV - and promises to be another milestone occasion for the whole market - carriers, vendors, data centres, and enterprises. Take your opportunity to join over 1,500

SDN, NFV & OpenFlow® industry leaders, first users, and solution innovators at Europe's principal conference for network innovation.

Publications & Events

SDN Resources

Publications

[Atrium Overview](#) **NEW**

White Papers

[OpenFlow® Conformance Test Program –](#)

[Whitepaper](#) **NEW**

[Software-Defined Networking: The New Norm for Networks](#)

SDN Solution Briefs

Solution Briefs articulate the OpenFlow-based SDN value proposition for high-level solution areas. Each document addresses a high-level use case, and presents a problem statement, resulting network challenges, the proposed solution based on OpenFlow-based SDN, and the benefits.

[Simplifying OpenFlow® Interoperability with Table Type Patterns](#) **NEW**

[SDN Migration Considerations & Use Cases](#)

[OpenFlow-enabled Transport SDN](#)

[OpenFlow-enabled SDN and Network Functions Virtualization](#)

[OpenFlow-Enabled Mobile and Wireless Networks](#)

[SDN Security Considerations in the Data Center](#)

[SDN in the Campus Environment](#)

[Operator Network Monetization Through](#)

[OpenFlow-Enabled SDN](#)

[How OpenFlow-Based SDN Transforms Private Cloud](#)

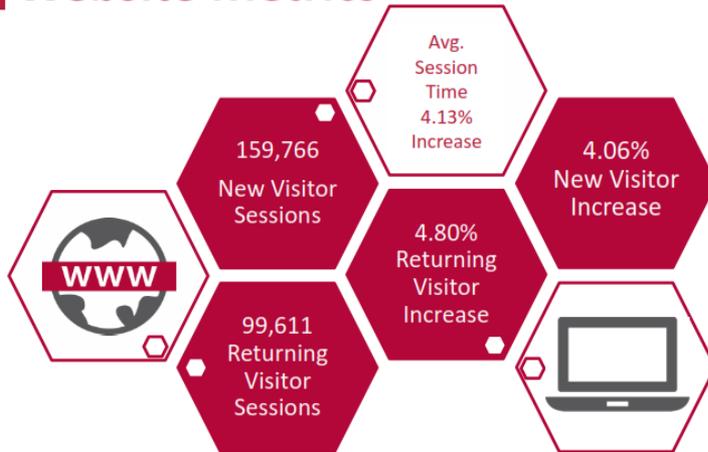
[OpenFlow-Enabled Hybrid Cloud Services](#)

[Connect Enterprise and Service Provider Data Centers](#)

[OpenFlow-Enabled Cloud Backbone Networks](#)

[Create Global Provider Data Centers](#)

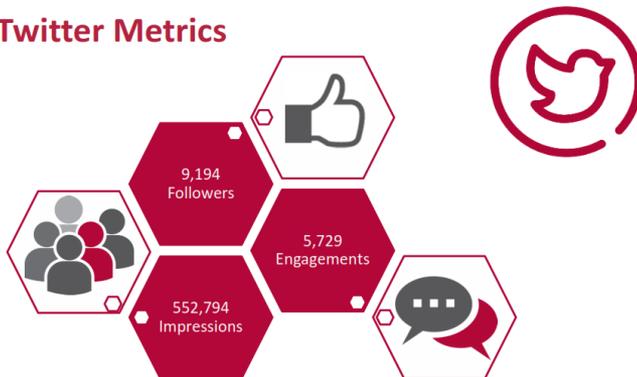
Website Metrics



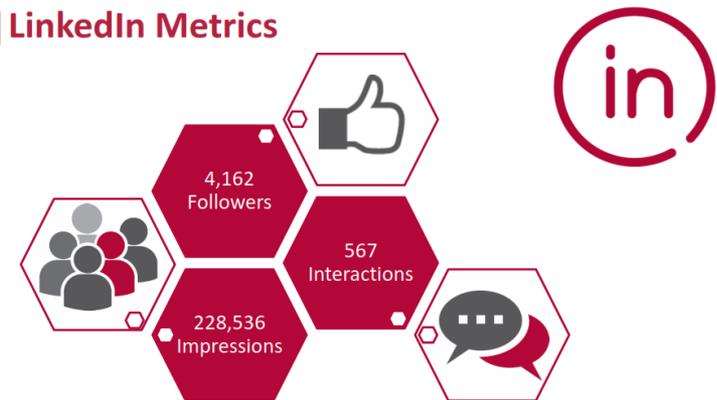
Blog Metrics



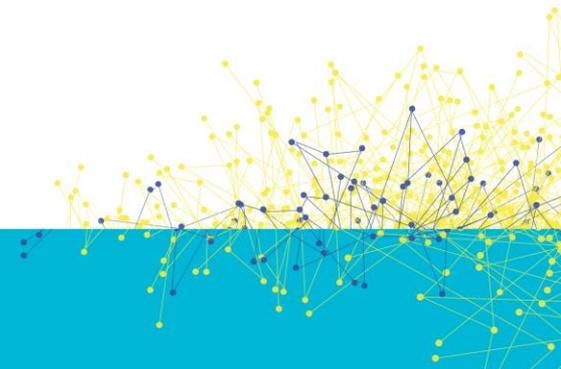
Twitter Metrics



LinkedIn Metrics



Open SDN is Global



Open SDN Adoption



LightReading Networking the Telecom Community

▶ BUSINESS/EMPLOYMENT / ROI/TCO

Will Investing in SDN & NFV Be Worth It?

SOURCE: [LightReading May 21, 2015](#)



SDN and NFV Market Size Report & Forecast Predicts \$105B Impact by 2020

sdx central
SDN and NFV Market Size Report

84 226 6 1

Roy Chua
May 5, 2015
8:10 am PT

LightReading Networking the Telecom Community

▶ CARRIER SDN / SDN ARCHITECTURES



Donovan Touts AT&T's Software Push

SOURCE: [LightReading March 2, 2015](#)



vCPE Is a Hot NFV Use Case for Masergy

51 137 27

Linda Hardesty
September 16, 2015
8:45 am PT

LightReading Networking the Telecom Community

▶ CARRIER SDN / SDN ARCHITECTURES



Verizon Builds Key Vendors Into SDN Strategy

SOURCE: [LightReading, April 28, 2015](#)



Verizon's Carrier SDN Makeover Includes Just About Everybody

64 410 8 1

Craig Matsumoto
April 28, 2015
9:05 am PT

LightReading Networking the Telecom Community

▶ CARRIER SDN / SDN ARCHITECTURES



Is DT About to Blow Our SDN Socks Off?

SOURCE: [LightReading, Feb 25, 2015](#)



Thank You
고맙습니다

www.opennetworking.org