



**Hewlett Packard
Enterprise**



Intel Inside®.

Leistungsstarke Produktivität Outside.

HPE and Arista, a Perfect Match!

Michael Sicklinger



About Arista Networks

10/40/100GbE Networks for the Virtualized Cloud & Datacenter

Shipping Since Mid-2008

> 4000 Customers



> 1500+ Employees

Profitable since 2010. Listed on NYSE (ANET) in June 2014

Founded based on Network Operating System – Main focus of Investment

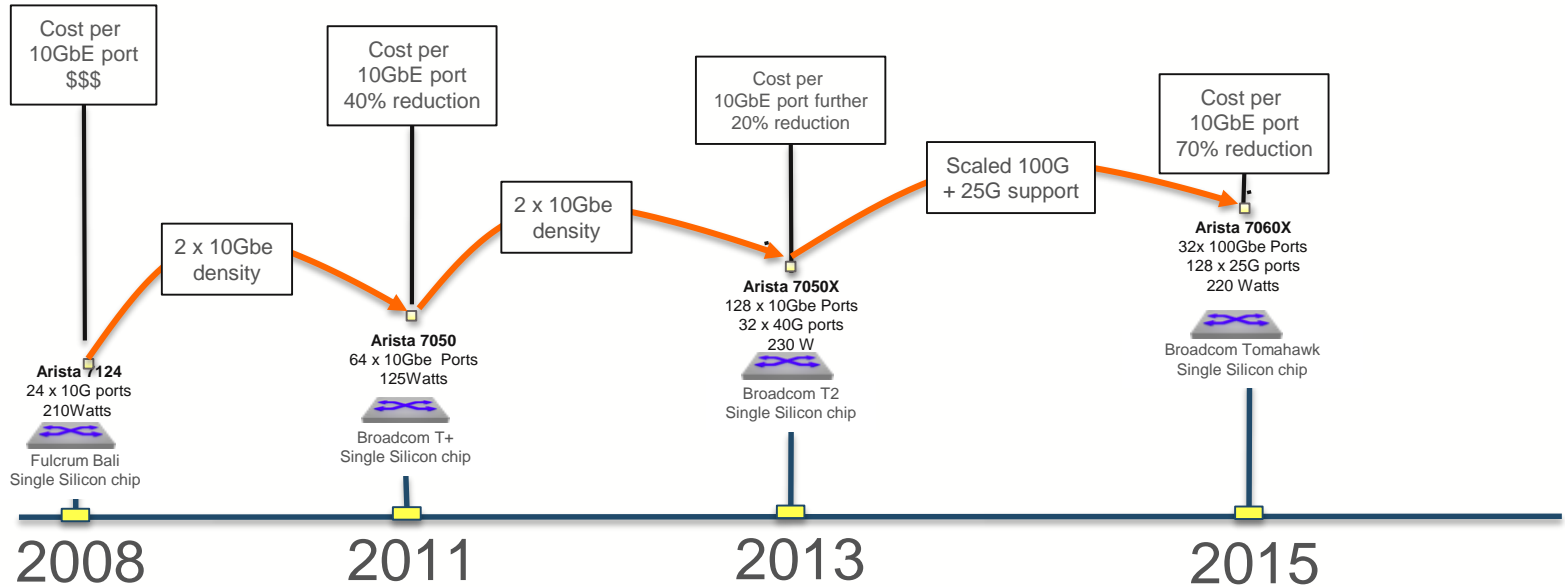


Broad, Blue-Chip Customer Base

<p>Web</p> 	<p>Financial Services</p> 	<p>Service Provider / Cloud / Hosting</p> 	<p>High-Tech</p> 	
<p>Government</p> 	<p>Media & Entertainment</p> 	<p>Education</p> 	<p>Oil and Gas</p> 	
<p>Business Services</p> 	<p>Research Labs</p> 	<p>Healthcare</p> 	<p>Retail</p> 	<p>Manufacturing</p> 

Data Center Trends – Moore's Law

Arista introduces Moore's Law to networking



Moore's Law in networking

2011- 7050 Series



64 lanes
1.28Tbps

1/10GbE

2013 - 7050X Series



128 lanes
2.56Tbps

10/40GbE

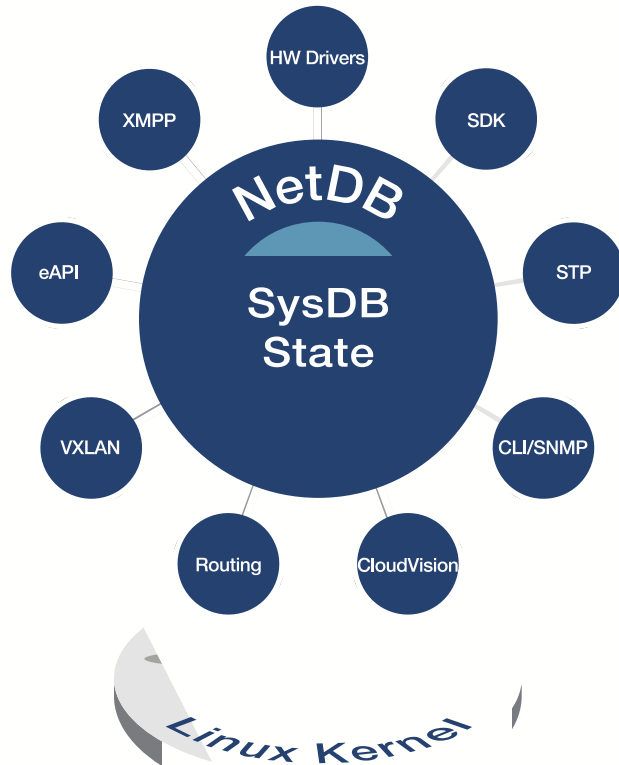
2015 - 7060X Series



128 lanes
6.4Tbps

25/40/100GbE

What is Arista's EOS – Best for Resiliency



Unique EOS SysDB

Database for IPC

Live Patching

Linux Kernel

EOS APIs

Applications and Hardware evolve independently

evolving stack

ANSIBLE



Your Application Stack



vmware

FORTRINET



CLI & Script

eAPI

DirectFlow

OVSDB

SDK

Infrastructure as a Config =

Complete Protocol Stack

Software-Defined Infrastructure

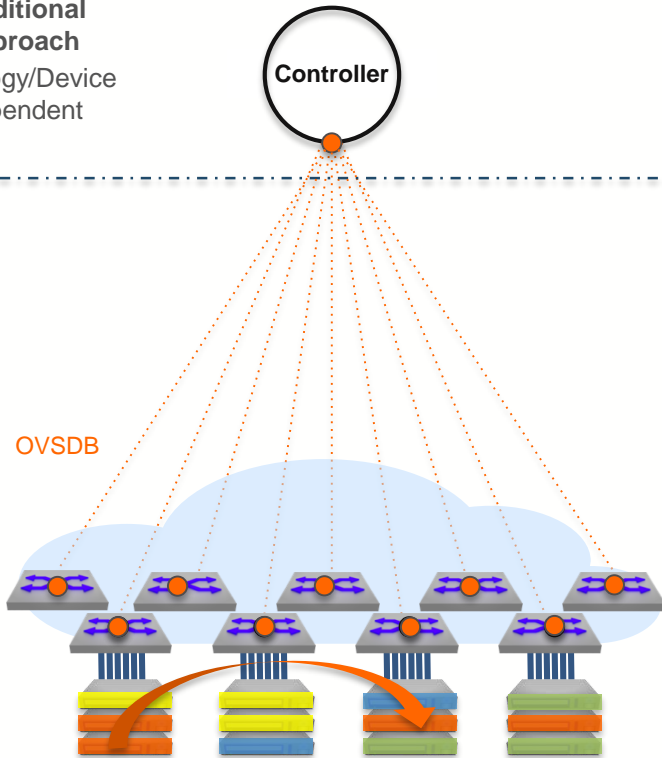
Hardware Abstraction Layer



evolving platform

Scaling Controller Integration

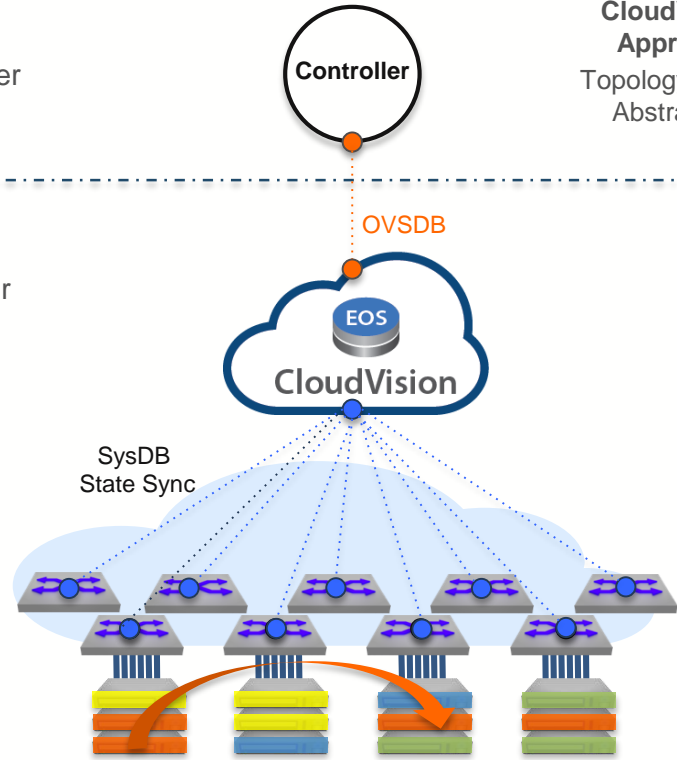
Traditional Approach
Topology/Device
Dependent



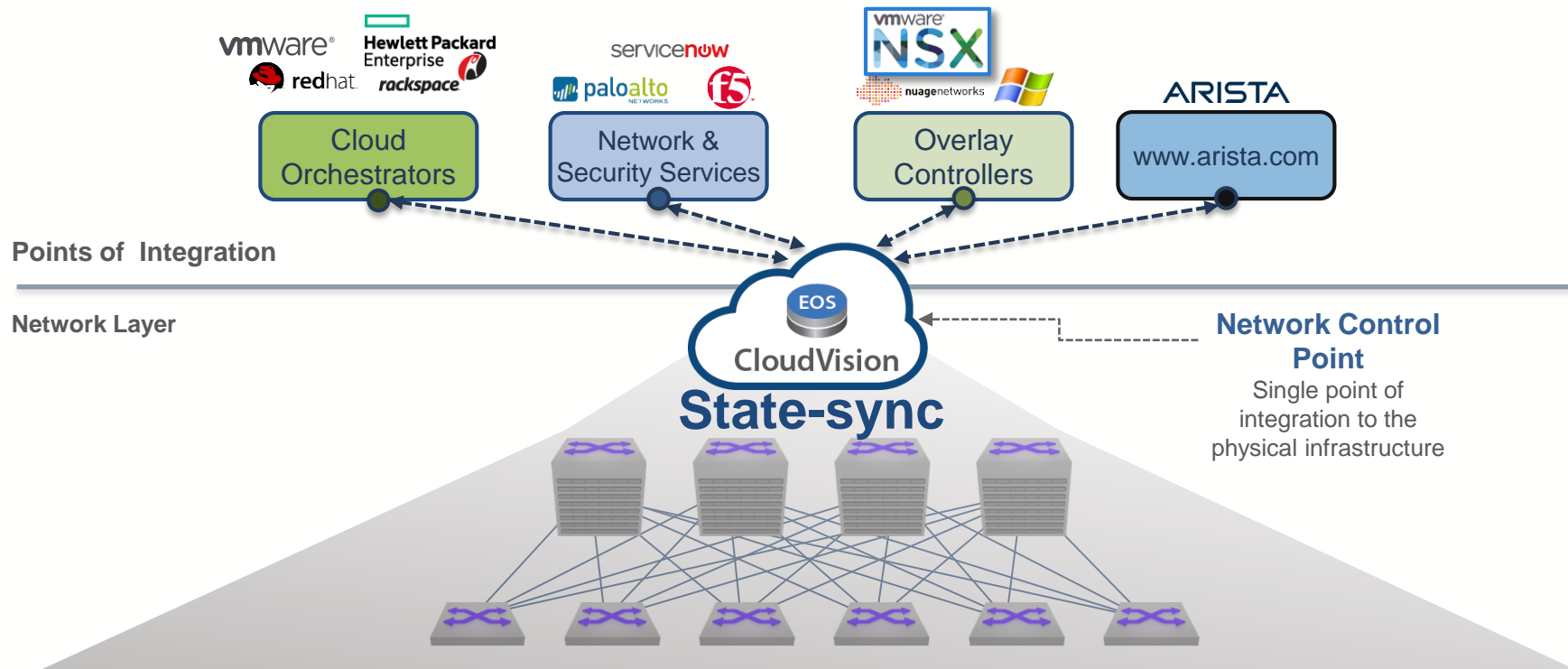
Controller Layer

Network Layer

CloudVision Approach
Topology/Device
Abstraction



Network-Wide Database



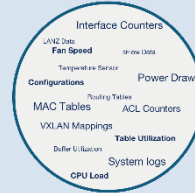
Platform for automation and visibility across the network

CloudVision: Multi-Function Platform

Overlay Integration



Telemetry & Analytics



Automated Deployments



Macro-Segmentation Services



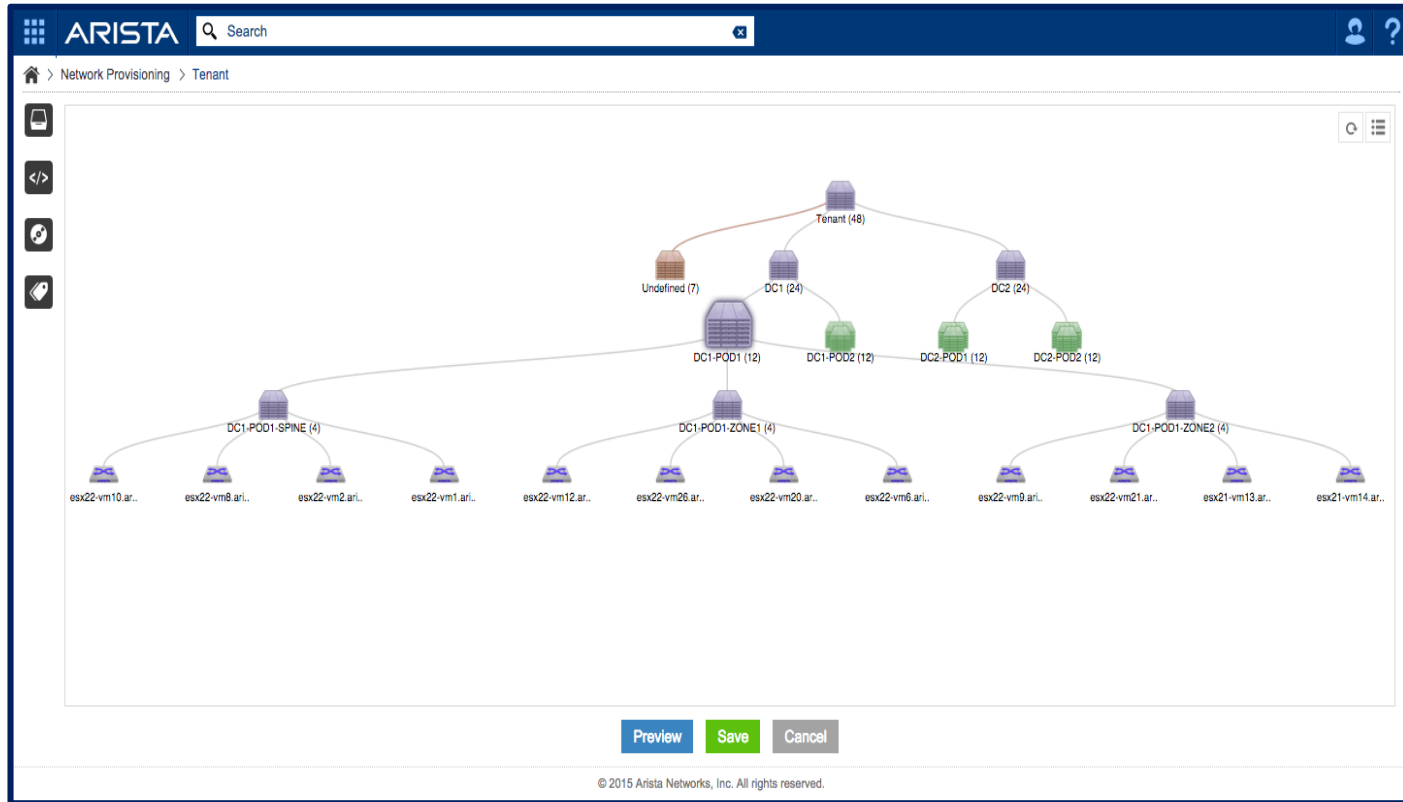
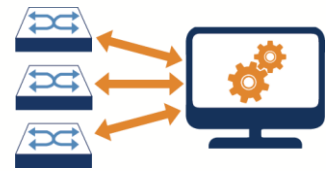
Change Controls



Data Analyzer

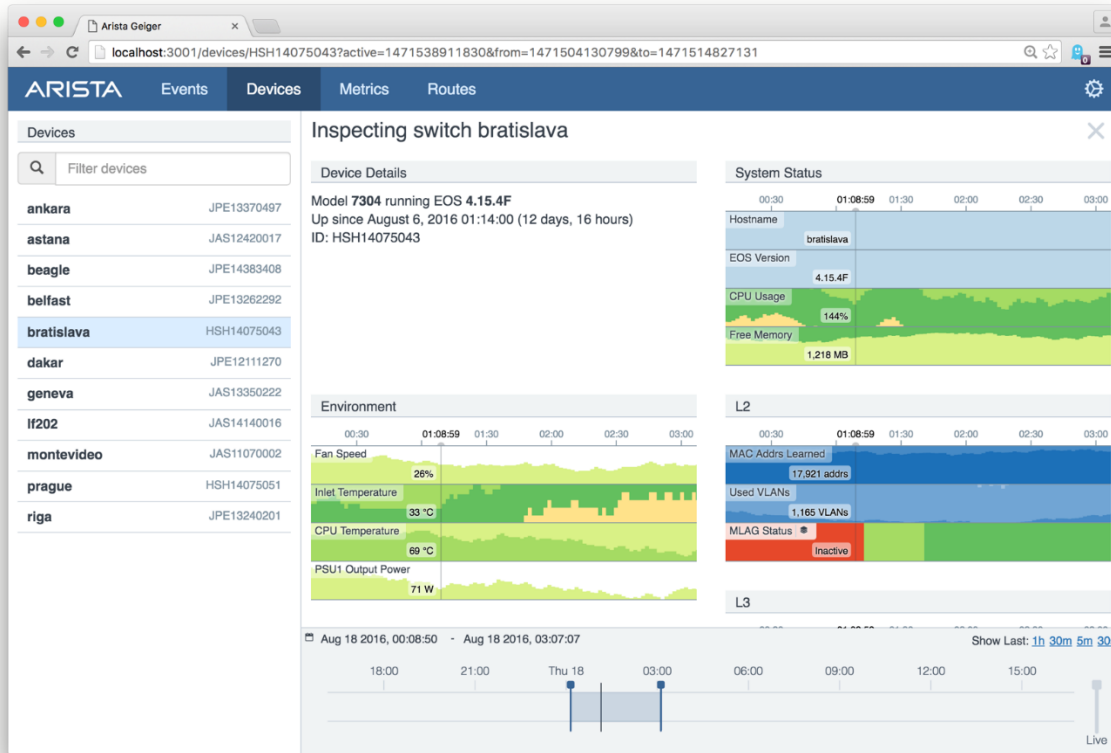


Turnkey Provisioning



Cloud-like automation for everyone

Analytics Viewer – Device Views



Zusammenfassung

- Besonderheiten
 - Arista bringt Moore's Law auch für den Netzwerk Markt
 - Perfekte Integration im Ökosystem Rechenzentrum durch EOS
- Kostenlose Test-Version der Switch Software (vEOS)
 - www.arista.com
 - Software Download



Thank You

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