ARService Provider Transformation

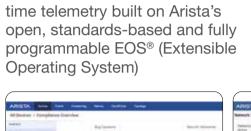


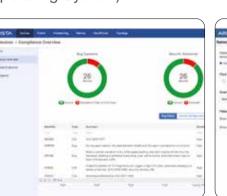
Why Arista? Quality • Innovation • Engineering Excellence • Evolution • Openness

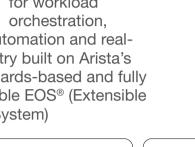
Arista CloudVision[™]



workflow automation and realtime telemetry built on Arista's open, standards-based and fully programmable EOS® (Extensible









Features & Benefits:

Topology View

Centralized View of the Network

orchestration controllers

Integration with 3rd party overlay and

Hardware and Software Abstraction

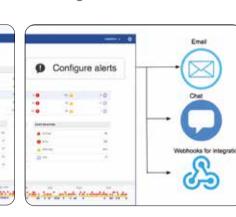
State Streaming Telemetry for live

monitoring and historic forensic

Macro-Segmentation[™] Services (MSS







Full Change Management

Network-Wide Scope

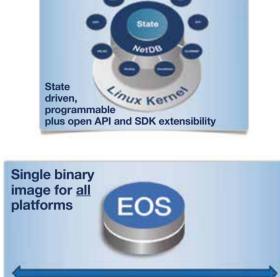
Open API Integration

Framework

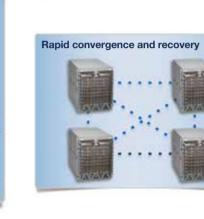




Leaf/Spine Peering



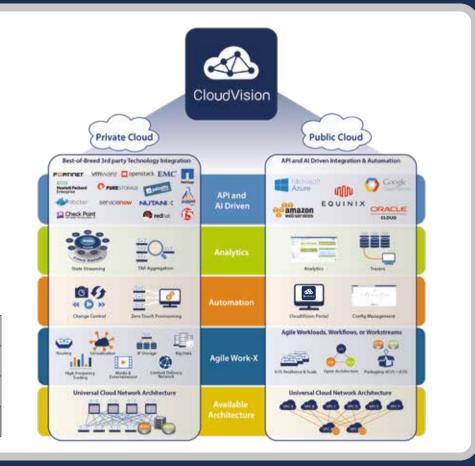
Business Edge



EOS - Extensible Operating System

- A single binary image across all devices
- Simple to manage
- Easy to validate
- Built for Programmability & Automation
- Extensive APIs
- SDKs for development
- Architected for 3rd party interoperability
- Industry Software Quality
- 70,000 automated tests per day
- Over 90% less CVEs since 2014 than nearest competitors
- State driven for resilience and self-healing

Automated tests per day	70,000
Security advisories requiring reboot	144
Software regression bugs	8
Number of EOS code versions across ~40 shipping products	1



Routing **Feature Set**

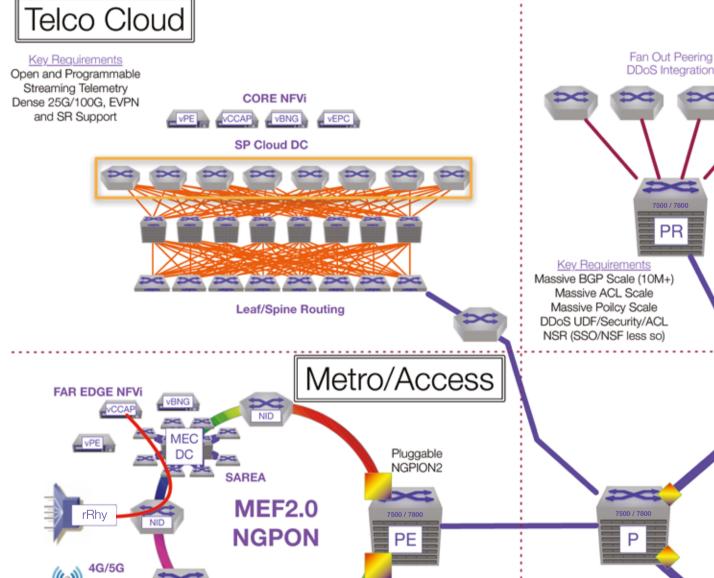
- Arista's Cloud Grade routing portfolio provides industry leading performance, scale and port-density.
- and flexibility allows the platforms to be deployed in a wide range of open networking solutions: Large scale laver 2

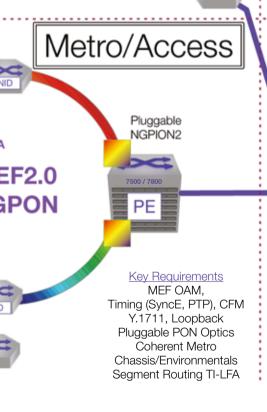
The feature richness

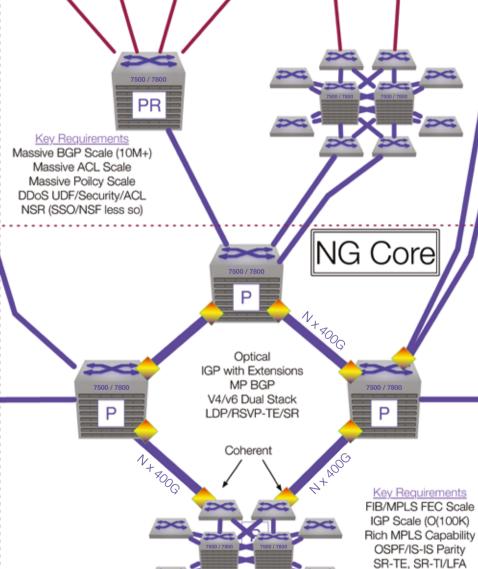
- and layer 3 cloud - Provider edge where scaleable L2 and L3
- VPN services are required - Traffic engineered MPLS core where high
- density 400G/100G is required - Metro-aggregation for
- the backhaul of E-LINE - Telco data center for
- EVPN overlay solutions. For a full list of features,

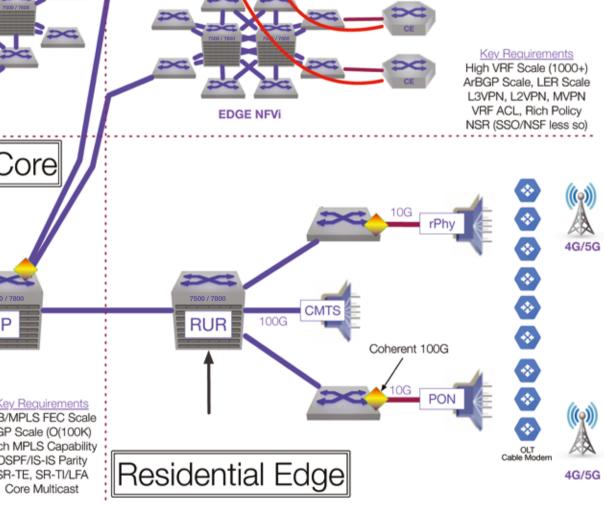


Service Provider Use Cases









MODULAR SERVICE PROVIDER CORE AND EDGE

Arista 7800R3 **Highest 400G Density Switches**

 Programmable support for over 2.5 million routes, 400/

100G density and flexible table sizes

to 460 i embe				nce	4		
780	00R3 Seri	es					
	7804R3	7808R3	7816R3				į
Slots	4	8	16				
s	10	16	31				į
G ports	144	288	576		4		
G ports	192	384	768		-3	DESCRIPTION OF	
ports	384	768	1536		7	NAME AND ADDRESS OF THE OWNER.	ı

7800R3 Series Line Cards						
Model	7800R3-36P 7800R3-36D 7800R3K-36DM ^{2,4}	7800R3-48CQ 7800R3K-48CQ ² 7800R3-48CQ2 7800R3-48CQM2 ⁴ 7800R3K-48CQMS ^{2,4}	7800R3-48CQM ⁴	7800R3K-72Y ²		
Ports	36 x 400G OSFP/QSFP-DD	48 x 100G QSFP	48 x 100G QSFP	72 x 25G SFP		
Max 400G	36	-	_	-		
Max 100G	144	48	48	_		
Max 25G	288	96	_	72		
Duffer	24 CB	9.CB	9.CB	4 CB		

Arista 7500R2 **Modular Spine**

- 10/25/40/100G Switches • Programmable support for over 2 million routes, 100G density and large
- Ideal for Data Center networks and universal spines with internet routing scalability

		75	00R2 Series			
Model		7504R	7508R	75	12R	7516R
Line Card Slots	S	4	8	-	12	16
Rack Units		7	13		18	29
Max 400G por	ts	-	-		_	-
Max 100G por	ts	144	288	4	32	576
Max 25G ports	3	576	1152	17	728	2034
		7500R2	Series Line Card	ls		
Model	7500	DR2-36CQ R2A-36CQ ¹ 2AK-36CQ ^{1,2}	7500R2M-36 7500R2AM-36		7500R	2AK-48YCQ ^{1,2}
Ports	36 x	100G QSFP	36 x 100G Q	SFP	12	x 10G SFP x 25G SFP 100G QSFP
Max 100G		36	36			2
Max 40G		36	36			2

Arista 7500R3 **Modular 100/400G Spine Switches**

- 400G and 100G Ethernet support and internet scale tables with investment protection
- Up to 230 Tbps of performance. DCI and universal spine, service provider and cable deployments



7500R3 Series Line Cards					
Model	7500R3-24P 7500R3-24D	7500R3-36CQ 7500R3K-36CQ ²	7500R3K-48Y4D ²		
Ports	24 x 400G OSFP/QSFP-DD	36 x 100G QSFP	48 x 25G SFP and 4 x 400G QSFP-DD		
Max 400G	24	-	4		
Max 100G	96	36	16		
Max 25G	192	96	80		
Buffer	16 GB	8 GB	4 GB		

FIXED SERVICE PROVIDER CORE AND EDGE

Arista 7280R/R2/R3 Dynamic Deep Buffer 10/25/50/100G Switches

 Dynamic and deep buffers for lossless forwarding, high density 100G and 400G Ethernet, internet scale table sizes and rich L2 & L3 features e.g. VXLAN and LANZ

 Ideal for for next-gen Cloud, Service Provider Core, Content Delivery, IP storage, leaf and spine networks and Data Centers



		7280R	3 Series		
Model	7280PR3-24 7280PR3K-24 ² 7280DR3-24 7280DR3K-24 ²	7280CR3-32P4 7280CR3K-32P4 ² 7280CR3-32D4 7280CR3K-32D4 ² 7280CR3M-32P4S ⁴ 7280CR3MK-32D4S ^{2,4}	7280CR3-96 7280CR3K-96 ²	7280CR3-36S 7280CR3K-36S ²	7280SR3-48YC8 7280SR3K- 48YC8 ²
Ports	24 x 400G OSFP/ QSFP-DD	32 x 100G QSFP 4 x 400G OSFP/QSFP- DD	96 x 100G QSFP	28 x 100G QSFP 6 x 200G QSFP 2 x 400G QSFP-DD	48 x 25G SFP 8 x 100G QSFP
Rack Units	1	1	2	1	1
Max 400G	24	4	-	2	_
Max 100G	96	48	96	40	8
Max 25G	192	96	192	120	80
Max 10G	192	96	192	120	80
Latency			From 3.8 us		
Buffer	16 GB	8 GB	16 GB	4 GB	4 GB



7280R & R2 Series						
Model	7280CR2-60 7280CR2A-60 ¹ 7280CR2K-60 ²	7280CR2A-30 ¹ 7280CR2K-30 ²	7280SR2-48YC6 7280SR2A-48YC6 ¹	7280SR2K-48C6 ²	7280TR-48C6	7280S
Ports	60 x 100G QSFP	30 x 100G QSFP	48 x 25G SFP 6 x 100G QSFP	24 x 25G SFP 24 x 10G SFP 6 x 100G QSFP	48 x RJ45 6 x 100G QSFP	48 x 6 x Q
Rack Units	2			1		
Max 100G	60	30	6	6	6	
Max 25G	240	120	72	48	24	2
Max 10G	240	120	72	72	48 (10GBASE-T) +24	
Latency			From	1 3.8 us		
Buffer	24 GB	12 GB	8 GB	4 GB	4 GB	4

	7280R MACsec & DWDM					
R-48C6	Model	7280CR2M-30 ⁴	7280SRAM-4			
	Ports	30 x 100G QSFP	48 x 10G SF			
SFP+			6 x 100G QS			
P100	Rack Units		1			
	Max 100G	60	30			
	Max 25G	240	_			
	Max 10G	240	48			
	Latency	From	3.8 us			
В	Buffer	12 GB	4 GB			

Arista 7020R 1G/10G Switching

• Dynamic and deep buffering with wirespeed 1/10G and 10/100G

• Features such as FlexRoute, VXLAN and LANZ

 1RU switches for storage, multimedia, content delivery networks, edge compute and lossless Data Center designs



7020R Series						
Model	7020SR-32C2	7020SR-24C2 7020SRG-24C2 ³	7020TR			
Ports	32 x 1/10G SFP 2 x 100G QSFP	24 x 1/10G SFP 2 x 100G QSFP	48 x 100/1000BASE-1 4 x 10G SFP			
Rack Units		1				
Max 100G	2	2	-			
Max 25G	8	8	_			
Max 10G	32	24	6			
Max 1G	32	24	54 (48 RJ45 + 6 x SFP)			
Latency		From 3.8 us				
Buffer		3 GB				

World-Class Support

- Marketing leading customer satisfaction of 9.2 out of 10 (based on NPS score of +76)
- Access to 3rd line engineers from first engagement
- 24x7x365 follow the sun support
- Emphasis on resolution and service restoration ARISTA Not at all

% Promoters – % Detractors = NPS (Net Promoter Score) Time to Engineer <60 secs when called through support line <10 mins when reached through email (Engineer's first respons Engineer's focus On resolving the issue vs closing a case or chasing any metric Average service restoration is 46 minutes 50% of cases get resolved under 2 hours





- **Telemetry** CloudVision Telemetry Apps provide front-end for
- visibility network state Correlation of network-wide data over a time-series
- Views: Event, Device, Metric, and more
- Timeline view for better historic trouble-shooting More applications to follow:

Other CV-based apps

APIs for customer &

partner apps

Complete, real-time NetDB state streaming

Technology The Arista 400ZR and OSFP-LS provide a cost

400G ZR Optical Line System

manage DWDM solution, purposebuilt for DCI. OSFP and QDD line systems to transport traffic up to 120Km

- Open, standards-based, and pluggable DWDM optics enabling true IP-over-DWDM
- Fully tunable over the C-band

Full digital optical monitoring (DOM)

effective, simple,

and easy to