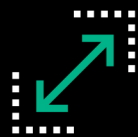




PENSANDO DISTRIBUTED SERVICES PLATFORM FOR HPE SERVERS

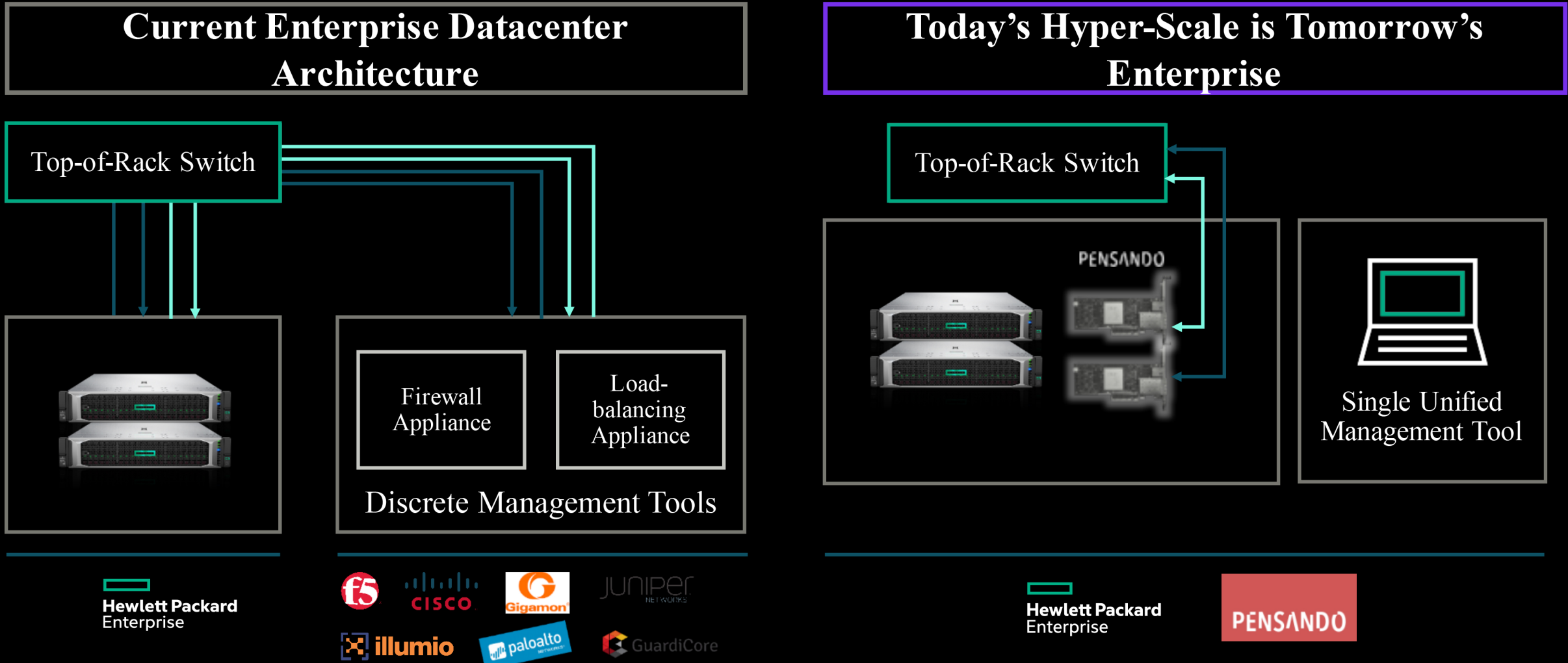
MARKET TRENDS AND CHALLENGES

72% of all network traffic worldwide is East-West within the data centers¹

Scalability	Security	Complexity
<div></div> <div>31 billion devices online by 2021²</div> <div>Centralized appliances unsuitable</div>	<div></div> <div>6 months to detect breach⁴</div> <div>Perimeter Security Inadequate</div>	<div></div> <div>3x more spending on network operations than on the network³</div> <div>Slow and error prone operations</div>

ENTERPRISE DATACENTER NETWORK COMPLEXITY

Appliance Based Services vs Distributed Services



TRANSFORM TO A DISTRIBUTED ARCHITECTURE

Discrete Appliances

Inefficient Resources

Cloud icon

Course Security

Expensive Operations

➔

Granular Security





Integrated Intelligence

Optimized Operations

Current State – Discrete Appliances	Challenges Solved	Ideal State – Integrated Infrastructure
<ul style="list-style-type: none">Centralized appliances with limited scale and performanceMacro segmentation and securityComplex integration with overall infrastructureInconsistent management interface and expensive operationsPartial telemetry and observability	<div>Scalability</div> <div>Performance</div> <div>Complexity</div>	<ul style="list-style-type: none">High performance distributed intelligenceMicro-segmentation, granular security, and encryption in hardwareSimple centralized managementEliminate waste and sprawl of dedicated appliances and point productsComplete visibility to every guest VM and container throughout infrastructure

DISTRIBUTED SERVICES—CUSTOMER BENEFITS

World’s most secure industry standard server extends to the network

			
Granular Security	Improved Uptime	Higher Performance	Lower TCO
Stateful Firewall Micro-segmentation End-to-End Encryption	Direct Paths Always-On Telemetry Smaller Security Domain	Offload CPU / Memory Processing in Hardware Distributed Architecture	Replace Point Products Simplify Operations Optimize Resources

Optimize Performance, Boost Security, Simplify the Network

¹ Sources: Cisco Global Cloud Index 2019
² IDC 2019 Delivering Infrastructure of the Edge https://www.idc.com/getdoc.jsp?containerId=DR2019_GS3_RV
³ Gartner report - [Gartner's 2017 Strategic Roadmap for Networking](#)
⁴ Ponemon Research Institute [Study on Malware Detection](#)

FOR MORE INFORMATION ON HPE SERVERS, PLEASE CONTACT US.