

HEAD-TO-HEAD: WHICH SWITCH IS BEST FOR MODERN BUSINESSES?

An independent testing lab identifies switches that excel in performance and TCO.

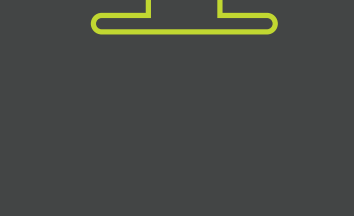
THE KEYS TO SUCCESS IN TODAY'S FAST-CHANGING MARKETPLACE

Meet customer demands for new products and services



EXAMPLE:
The Internet of Things

Deliver high levels of customer experience



EXAMPLE: Web-based videoconferencing lets businesses engage more closely with clients

NEW DEMANDS ON ENTERPRISE NETWORKS

More than ever, enterprise networks require:



High performance



Economical acquisition and operating costs

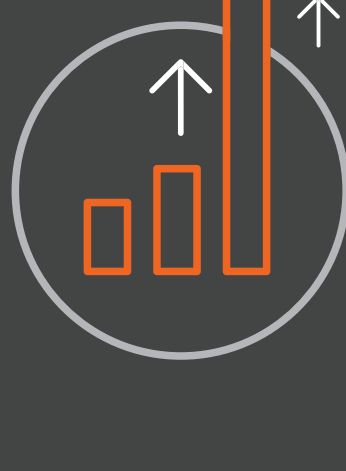


The good news:

Enterprises do not have to overpay for superior networking performance.

TIME TO TAKE A FRESH LOOK AT SWITCHES

They are the critical networking component for supporting business needs.



KEY SELECTION CRITERIA FOR SWITCHES



Throughput



Port density



Latency

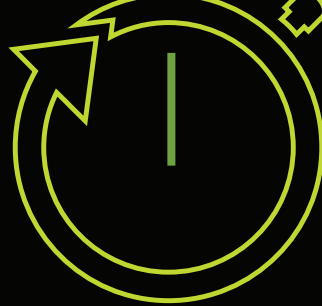


Power efficiency

USE TESTS FROM INDEPENDENT LABS TO INFORM BUYING DECISIONS

A new, independent study by Tolly compares Dell EMC Networking C9010 network director with Cisco Catalyst 6807-XL.*

FABRIC FORWARDING CAPACITY



2.4 Tbps
for Dell EMC Networking C9010

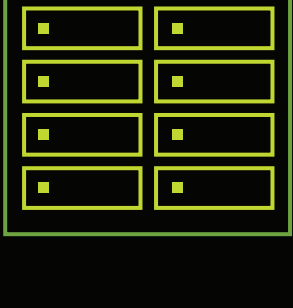
VS.

1.6 Tbps
for Cisco Catalyst 6807-XL



ADVANTAGE: DELL EMC

PORT DENSITY



50% greater with
Dell EMC Networking C9010

VS.

Cisco Catalyst 6807-XL



ADVANTAGE: DELL EMC

LATENCY



0.8 to 0.9 microseconds
for Dell EMC Networking C9010

VS.

9.6 to 14.4 microseconds
for Cisco Catalyst 6807-XL



ADVANTAGE: DELL EMC

POWER EFFICIENCY



1.33 Watts/Gbps
for Dell EMC Networking C9010

VS.

11.9 Watts/Gbps
for Cisco Catalyst 6807-XL

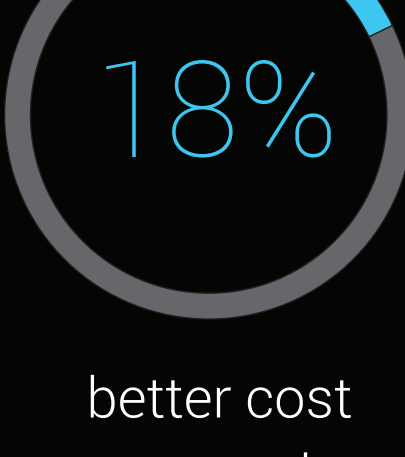


ADVANTAGE: DELL EMC

OVERALL:
Dell EMC outperformed Cisco



better cost
per Gbps throughput

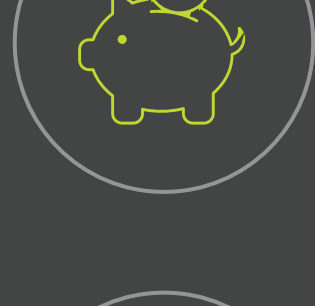


better cost
per port

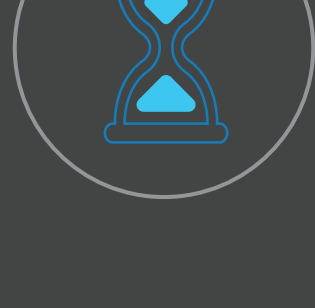


better
Watts/Gbps

THE BOTTOM LINE



Dell EMC customers save on capex and opex costs because throughput and density advantage may mean they need fewer cards or chassis.



Lower latency means users of videoconferencing and other service-sensitive applications do not experience communications breakdowns.



Higher power efficiency translates into lower opex costs.



Learn more about what an independent lab says about modern switches.

*Dell Networking commissioned Tolly to benchmark the Dell Networking C9010 Network Director core switch and compare it to the Cisco Systems Catalyst 6807-XL for L2 performance and power consumption. Tests were run to evaluate single-slot throughput, slot-to-slot throughput, and overall chassis throughput. The results of the testing are illustrated above. For the full report, please visit tolly.com/DocDetail.aspx?DocNumber=216141. Registration is required to view.