



4 REASONS TO MODERNIZE YOUR IT INFRASTRUCTURE

71% of IT organizations cite legacy infrastructure as their biggest barrier to business transformation.¹ Windows Server 2008* and Microsoft SQL Server 2008* are coming to end of life, which can increase your risk. But it's not enough to just upgrade software. Your infrastructure needs to be current too. Intel and Microsoft can help you fully deliver on the promise of business transformation. **Here's why.**

1. DECREASE COSTS

69%

LESS REVENUE LOSS

from unplanned downtime reported by organizations that modernize²

Why Modernize?

- Re-platform apps for faster time to market and increased speed of service.
- Lower maintenance costs by upgrading legacy systems
- Reduce business impact from unplanned downtime
- Improve IT staff efficiencies

2. IMPROVE DATA SECURITY AND COMPLIANCE

63%

OF ORGANIZATIONS

are deploying advanced technologies without the right data security in place.³

Why Modernize?

- Deploy the latest hardware-based security for root of trust protection and full data encryption
- Get better network security from the edge to the cloud to the data center with enhanced software-defined network (SDN) features
- Meet compliance needs for General Data Protection Regulation (GDPR), Health Insurance Portability and Accountability Act (HIPAA), and more
- Reduce risk with faster data recovery and smaller data backup windows

3. GET AN EASIER PATH TO HYBRID CLOUD

90%

OF ORGANIZATIONS

will adopt a hybrid strategy by 2020, using both public and private cloud resources.⁴

Why Modernize?

- Support mission-critical applications with highly-scalable performance and capacity
- Improve infrastructure efficiencies, reduce data center footprint
- Centralize management and orchestration with familiar virtualization tools and resources
- Speed deployment of IT services and gain agility without giving up control

4. SUPPORT EXPANDING WORKLOADS AND DEVOPS

64%

IMPROVEMENT IN

the ability to develop new apps reported by companies that modernize²

Why Modernize?

- Speed time-to-insight from data with advanced analytics and AI technologies
- Boost performance for demanding workloads
- Deliver apps and releases faster
- Deliver self-service capabilities and developer-friendly tools

INTEL AND MICROSOFT: MODERNIZE YOUR INFRASTRUCTURE, TRANSFORM YOUR BUSINESS

Get a more agile infrastructure with Microsoft running on a modern Intel infrastructure.

Non-modernized



Security risks and compliance issues



More network bottlenecks



Silo'd applications and overwhelmed data storage



Difficulty deploying new services

Modernized¹



6x faster rate of product innovation and time to market



\$40K more revenue per employee



2x operating margin



50% higher average net income on revenue

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1 ESG. "How IT Transformation Maturity Drives IT Agility, Innovation, and Improved Business Outcomes." Commissioned by Dell EMC. April 2017. emc.com/collateral/analyst-reports/esg-dellemc-it-transformation-maturity-report.pdf.

2 IDC. "The Technology Impact of IT Transformation: Reducing Technical Debt and Optimizing IT Costs with IT Modernization Initiatives." Sponsored by Dell EMC and Intel. November 2017. emc.com/collateral/analyst-reports/idc-the-technology-impact-of-it-transformation-report.pdf.

3 Thales. "Thales: 63% of enterprises using cloud, big data, IoT and container environments without securing sensitive data." March 2017. thalesecurity.com/about-us/newsroom/news-releases/thales-63-enterprises-using-cloud-big-data-iot-and-container.

4 Evaluator Group. "Is a Hyperconverged Infrastructure Cost-Competitive with the Cloud?," June 2017. research.techopedia.com/content72676/

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