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Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products.

Configurations: System configurations, SSD configurations and performance tests conducted are discussed in detail within the body of this paper. For more information go to intel.com/performance.

For more complete information about performance and benchmark results, visit <u>www.intel.com/benchmarks</u>. Benchmark results were obtained prior to implementation of recent software patches and firmware updates intended to address exploits referred to as "Spectre" and "Meltdown." Implementation of these updates may make these results inapplicable to your device or system.

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ТСО В ДАТАЦЕНТРАХ

Михаил Цветков, Технический директор Intel в России



ТСО – это результат исследований и применения передовых технологий, решений и процессов, который служит ускорению бизнеса и повышению его доходности

Под управлением Intel IT:

- 56 Дата Центров
- 289,000 Серверов
- 86 МегаВатт





Solution of the second second

THROUGH



44% SAVINGS WITH DISAGGREGATED SERVER DESIGN compared to a full-acquisition refresh



40 PB FAST LOCAL SSD CACHE TO REDUCE NETWORK TRAFFIC using Intel® SSDs



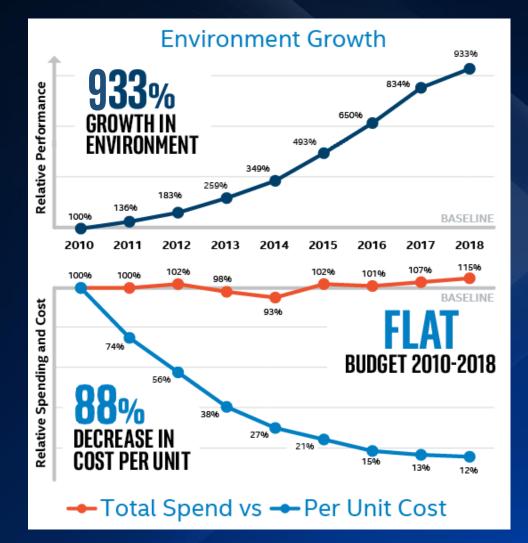
ONE-DAY DEPLOYMENT WITH OUR PROCESS TRANSFORMATION for new physical server deployment



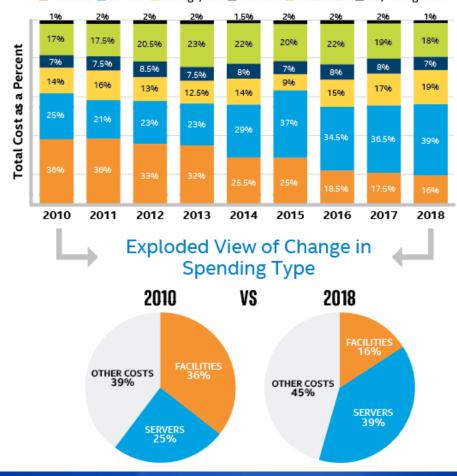
236x CAPACITY INCREASE IN OUR HPC ENVIRONMENT and an 80x quality improvement



INTEL IT DATA CENTER STRATEGY 2010-2018 DESIGN DC TCO RESULTS

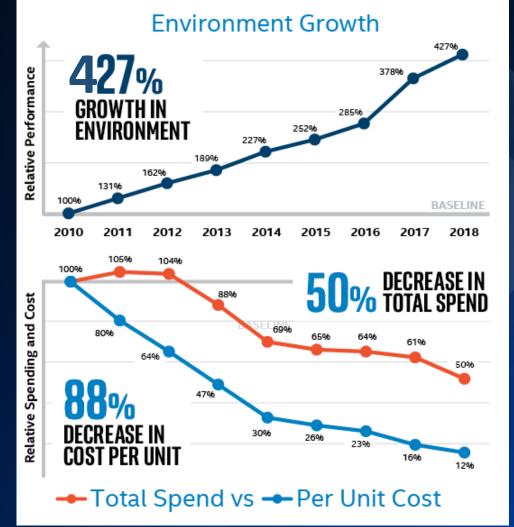


Facilities Servers Storage/BaR Network Headcount OS/Management

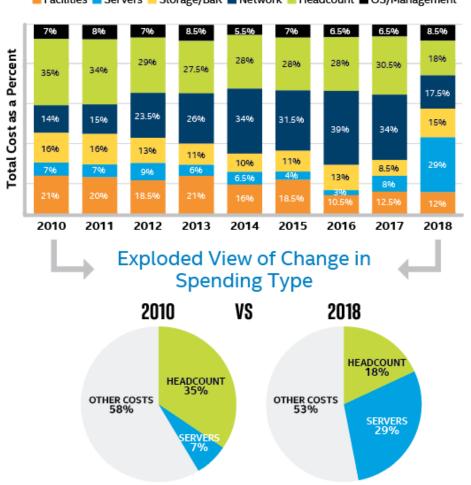


INTEL[®]EXPERIENCE DAY

INTEL IT DATA CENTER STRATEGY 2010-2018 OFFICE AND ENTERPRISE DC TCO RESULTS Total Costs



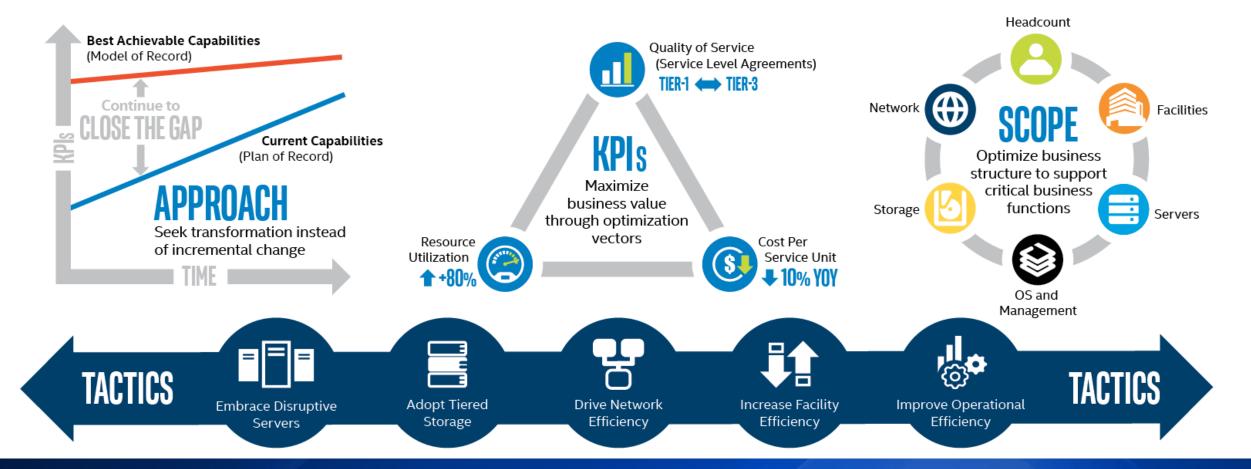
📕 Facilities 📃 Servers 📒 Storage/BaR 📕 Network 📒 Headcount 📕 OS/Management



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INTEL IT DATA CENTER TRANSFORMATION STRATEGY

We operate our data center service like a factory by applying breakthrough technologies, solutions, and processes to achieve industry leadership.



IT@INTEL

By applying breakthrough technologies, solutions, and processes, we have served the acceleration of Intel's business.

Read our paper "<u>Data Center Strategy</u> Leading Intel's Business Transformation" for additional details.

IT@INTEL Data Center Strategy Leading **Intel's Business Transformation**

By applying breakthrough technologies, solutions, and processes, we have optimally served the acceleration of Intel's business

Executive Summary

Intel IT runs Intel data center services like a factory, affecting change in a disciplined manner and applying breakthrough technologies, solutions, and processes. This enables us to optimally meet Intel's business requirements while providing our internal customers with effective data center infrastructure capabilities and innovative business services.

Building on previous investments and techniques, our data center strategy has generated savings exceeding USD 2.8 billion from 2010 to 2018.

Over the next three years, we plan to extend the data center strategy to continue our data center infrastructure transformation. We will accomplish this by using disruptive server, storage, network, infrastructure software, and data center facility technologies that can lead to unprecedented guality-of-service levels and reduction in total cost of ownership (TCO) for business applications-all while continuing to improve IT operational efficiency and being environmentally responsible.







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IT@INTEL: Sharing Intel IT Best Practices With the World



Learn more about Intel IT's initiatives at: www.intel.com/IT





