

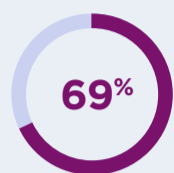
# IT innovations drive business transformation

From aspiration to attainment, data-driven technology helps IT leaders achieve visions for growth and transformation

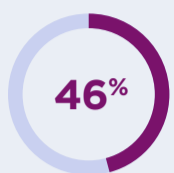


## How top-performing organizations achieve their strategic aspirations

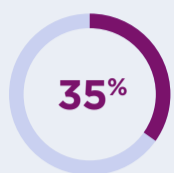
McKinsey & Company, a global management consulting firm, asked leading companies how they will use digital technology over the next two years.<sup>1</sup>



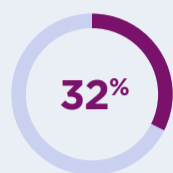
**Develop software or other technologies to enhance existing offerings**



**Use AI to improve and accelerate decision-making**



**Generate proprietary data**

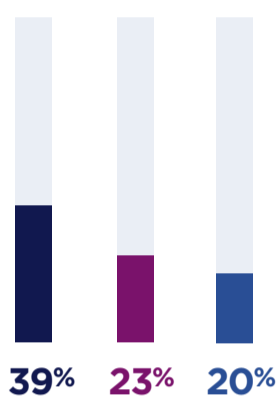


**Develop software offerings to monetize directly**

## CIOs are more likely to measure ROI by innovation

The recent PwC US Business Cloud Survey queried CIOs, business leaders, and board members on how their organizations primarily calculated value realized from the cloud.

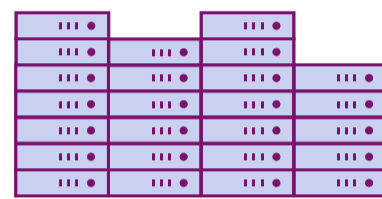
**39% of CIOs measure value via faster innovation and delivery of new products and services, compared to 20% of business leaders and 23% of board members.**<sup>2</sup>



■ CIOs  
■ Board members  
■ Business leaders

## Data never sleeps

Humanity generates more than 2.5 quintillion bytes of data each day.<sup>3</sup>



It's enough data to fill **2.5 million 1TB** hard drives.

## A better way to put your data to work? Package it like a product

Most companies struggle to capture the enormous potential of their data.



Reduce time to implement by as much as

**90%**

**Companies that treat data internally like a product reduce the time it takes to implement in new use cases by as much as 90%.** Accounting for how information is used when building, monitoring, and measuring data accelerates the delivery of actionable information. That means aligning KPIs with business goals and stakeholders before building new data products.<sup>4</sup>

## The business benefits of AI

Deloitte, a top global professional services company, surveyed 250 executives familiar with their companies' use of cognitive technologies to learn about their goals for AI initiatives. More than half said their primary goal was to improve existing products.

Percentage of executives who cite the following as benefits of AI:<sup>5</sup>

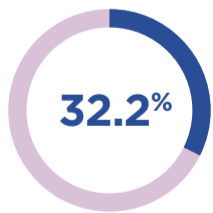


## Exascale computing is the next milestone in supercomputers

According to TOP500, the ranking of the world's speediest supercomputers, the fastest supercomputers perform more than one quintillion calculations per second — entering the realm of exascale computing.<sup>6</sup>

For most organizations, **hybrid cloud architectures are the only viable option** for the future because they satisfy diverse business demands while unlocking innovation.

Top500.org's latest ranking (June 2022) of the top high-performance computing manufacturers identifies **Lenovo as #1 in the world** with a 32.2% share of HPC systems.



**80%** of organizations utilize hybrid cloud models (public, private, and multi-cloud).<sup>7</sup>

To drive business innovation, you need the right strategy, operating model, talent, and tools — plus the transformation roadmap to get you there. Unlock the value of your data with ThinkAgile™ solutions powered by Intel® Xeon® Scalable processors. [Read more.](#)

Lenovo TruScale for HPC delivers the power of supercomputing to organizations of all sizes through a cloud-like experience, driving a faster time to answer for researchers working on solving humanity's greatest challenges.

**Contact your Lenovo representative or Lenovo Authorized Reseller of choice today to see how you can unlock opportunities for business growth and transformation with high-performance computing (HPC) resources.**



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**Smarter technology for all**

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Sources  
1. McKinsey, "Three new mandates for capturing a digital transformation's full value," June 2022  
2. PwC, "US Cloud Business Survey," 2022  
3. Harvard Business School Online, "The Advantages of Data-Driven Decision-Making," August 2019  
4. Harvard Business Review, "A Better Way to Put Your Data to Work," August 2022  
5. Harvard Business Review, "Artificial Intelligence for the Real World," February 2018  
6. ScienceNews, "The world's fastest supercomputer just broke the exascale barrier," June 2022  
7. Accenture, "Unlocking innovation in hybrid cloud environments," March 2022