



## Making it Big: Scalable, Secure, and Collaborative

### Cloud computing's value to the enterprise operation

Cloud computing is essential for large businesses that are serious about agility, productivity, security, and competitiveness. It is quickly becoming the default at companies of all sizes.

Nine out of 10 companies have already moved at least some of their applications or computing infrastructure to the cloud, or plan to do so within the coming year. Researcher IDG predicts that within the next 18 months, non-cloud delivery will account for less than one-third of the average IT environment, while SaaS will be in use at 95% of companies, IaaS at 83%, and PaaS at 73%.<sup>1</sup>

1. "2018 Cloud Computing Survey." IDG. 2018.  
[https://images.idgesg.net/assets/2018/08/201820cloud20computing20executive20summary\\_for20editorial.pdf](https://images.idgesg.net/assets/2018/08/201820cloud20computing20executive20summary_for20editorial.pdf)

**TOP SIX CHALLENGES FACING LARGE COMPANIES** .....**1. Security and compliance**

New compliance mandates are forcing large companies to rethink and rework how they collect, store, and protect customer data.

**2. Productivity and competitiveness**

Large companies recognize the need to be more productive to compete with their smaller, more agile competitors.

**3. Legacy systems**

Enterprise organizations may spend a major part of their IT budget to maintain legacy systems and technologies—or “keeping the lights on.”

**4. Data storage**

Large companies’ data-warehousing technologies may be reaching the limits of capacity and/or performance, so securing robust, scalable data storage and access solutions is vital.

**5. Leveraging big data**

Large companies want to use data and advanced analytics to obtain market intelligence, increase operational productivity and efficiency, and achieve a competitive advantage.

**6. Siloed information**

Each department may have their own technology infrastructure, leading to disconnected data and struggles with efficiency, productivity, and collaboration.

**BUSINESS REQUIREMENTS FOR LARGE COMPANIES** .....

- **Security**  
Reputations, intellectual property, customer data, and financial assets are all at risk.
- **Infrastructure tools**  
Enterprise companies are increasingly favoring consumption-based pricing models for their technology.
- **Big-data analysis tools**  
Knowledge and advanced analytics are the keys to unlocking the vital insights that can differentiate winners and losers in the marketplace.
- **Flexibility to innovate**  
Large enterprises are eager to add digital capabilities, such as online and mobile applications and self-service tools, and internet of things (IoT) technologies.
- **Data privacy**  
Both data privacy and regulatory compliance are essential, and firms that merge, balance and manage the overlap between the two are most likely to succeed.
- **The need for speed**  
Companies must adopt IT systems capable of meeting increasing business demands for speed, agility, and responsiveness.
- **Cost reduction**  
Cost reduction is a concern for all companies—and large organizations are no exception.

**WHY CLOUD?****Access to enterprise-class infrastructure**

Cloud delivers affordable access to enterprise-class solutions, including scalable computing power, storage options, networking, and databases—with predictable cost structures.

**Scalability**

Cloud provides virtually unlimited data-storage capabilities, growing as companies' need for more storage grows. Resources can be added or shelved in response to growth or a change in focus.

**Security and disaster recovery**

Disaster-recovery protocols are aided by the fact that data is stored offsite, routinely backed up, and made available through redundant systems.

**Cost-effective**

Cloud models can be economical and help reduce operational expenses. Companies save on the upfront costs associated with hardware and software, as well as overhead costs on power, cooling, and maintaining equipment.

**Promotes collaboration**

In a world where remote work is commonplace, cloud-based applications offer the ability to collaborate with remote employees, locally or internationally.

**Cyber security**

To protect themselves, midsize businesses need comprehensive yet cost-effective network security solutions to mitigate risk to their business and prevent the financial and reputational damage created by a data breach.

**CONTACT US TO LEARN MORE**

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