



# The Strategic Benefits of Adopting a Cloud Architecture

By **2025**, more than **85%** of organizations will move toward a cloud-first principle.<sup>1</sup>

The global cloud computing market is expected to grow at a CAGR of **17.9%** and reach **\$1,240.9 billion** by **2027**, up from **\$545.8 billion** in **2022**.<sup>2</sup>

## Cloud as a Growth Catalyst: 2022 to 2027<sup>3</sup>



## The Cloud Effect: Seven Key Benefits You Cannot Ignore

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### Scalability and Flexibility

By **2026**, **15%** of on-premises production workloads will operate in containers, up from less than **5%** in **2022**.<sup>4</sup>

  - Cloud architectures offer versatile solutions that quickly scale computing resources to meet infrastructure requirements.
  - High-performance computing resources ensure continuous availability for applications managed and run on cloud architectures, regardless of dynamic load.
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### Business Agility

**100%** of cloud-powered companies have improved decision-making through cloud transformation at present.<sup>5</sup>

  - Cloud architectures allow for quick setup and minimum configuration, eliminating the waiting time to procure and configure computing infrastructure.
  - Enterprises can speed up modernization and drive digital transformation by leveraging cloud-based offerings and automated environments offered by cloud-native architectures.
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### Cost Efficiency

An **American Fortune 500 consumer retailer company** saved **40%** of its costs by moving from on-premise data management to a cloud-based data platform.

  - Businesses can maximize the cost efficiency of the server setup by using cloud resources.
  - Dynamic provisioning ensures businesses only pay for the resources they need, thereby saving on upfront investment.
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### Enhanced Security

The cloud security market is anticipated to grow from **\$37.458 billion** in **2020** to **\$106.326 billion** in **2027** at a CAGR of **16.07%**.<sup>6</sup>

  - To help safeguard confidential business data, infrastructure, and workloads, cloud service providers regularly update and improve their security measures using qualified personnel and cutting-edge technologies.
  - Cloud technology enhances security by centralizing data storage, automating security updates, enhancing access controls, and providing powerful backup and recovery capabilities.
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### Seamless Collaboration and Accessibility

More than **90%** of enterprises will have a multi-cloud infrastructure and platform by **2025**.<sup>7</sup>

  - Collaboration and accessibility are made easier by cloud architecture, which offers real-time access to data and applications from any location at any time and on any device.
  - It supports efficient workflows, breaks data silos, and facilitates remote collaboration by enabling seamless file sharing, document collaboration, and team communication.
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### Performance and Reliability

By **2027**, **35%** of data center infrastructure will be managed using a cloud-based control plane, up from less than **10%** in **2022**.<sup>8</sup>

  - Cloud architectures ensure the virtual availability of data and resources from any device connected to the internet.
  - Users can efficiently bring their applications to market at speed by building them in the cloud.
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### Data Management and Advanced Analytics

The market size for cloud analytics is set to grow by **\$49,051.7 million** at a CAGR of **20.69%** from **2022** to **2027**.<sup>9</sup>

  - A cloud architecture equips companies to:
    - Build governance structures.
    - Focus on developing the skills and enabling innovations required to become a data-driven organization.
    - Develop a streamlined architecture for integrating their data into a unified view.
  - Cloud-based AI and ML services can manage data, reengineer processes, make real-time automated decisions, and drive simulations to model different strategies and outcomes.
  - To enable this, companies must build a data science and analytics team or **work with a trusted analytics partner** that can make it all happen and ensure it is done responsibly to reduce bias.

### Accelerate On-Premise Data Migration to Snowflake with MigrateMate

MigrateMate, LatentView Analytics proprietary accelerator framework, is designed to help enterprises dealing with huge amounts of data accelerate their journey from Teradata to Snowflake while significantly reducing costs and boosting revenue.

**Sign-up for our free workshop** to learn industry best practices that Fortune500 companies follow to migrate seamlessly from Teradata to Snowflake and unlock the power of cloud.