



# Are You Ready to Virtualize? 5 Key Indicators

As your organization continues to scale in size and complexity, you will start to see the need to modernize your IT infrastructure to maintain the continuity of your operations while keeping costs low.

There comes a point where legacy hardware systems will not be enough to serve your growing business demands. Rigid IT infrastructure will struggle to keep up with rapid changes and maintaining these systems becomes unfeasible—not just from a cost standpoint, but also in terms of the time and resources required.

Today, virtualization of IT infrastructure enables enterprises to scale IT operations by making optimal use of their hardware. Your organization may be ready to virtualize if you recognize these 5 key indicators below.

1



## You Need a Rapidly Growing Number of Servers

Running a large number of physical servers takes up a lot of space and is costly to maintain. With virtualization, you can reduce the number of physical servers your enterprise needs by consolidating multiple servers in a virtual environment, reducing costs and improving operational flexibility.

2



## You Want to Utilize Your Resources More Efficiently

Development of the physical machines that run your servers today has made them capable of handling greater loads than ever before, so these machines are often not fully utilized in traditional IT infrastructure. This presents an opportunity for your enterprise to optimize IT efficiency by allocating your resources effectively across virtual environments.

3



## You Want to Optimize Cost Efficiency in IT Operations

By consolidating your servers in virtual environments, your organization can reduce costs significantly in many areas. More efficient use of resources means less hardware needed, less physical space needed for the hardware, lower power requirements, and lower costs for maintenance and management. Virtualization has helped enterprises streamline their IT operations and reduce infrastructure costs by up to 30%.



4



## You Need More Flexible IT Infrastructure to Scale Business

A key benefit of virtualization is how it enables more agile and flexible IT operations compared to legacy IT infrastructure. With your resources consolidated in virtual machines (VMs) instead of physical ones, it becomes significantly faster and easier to reallocate resources when needed, minimizing the need for physical intervention. This level of agility will help your enterprise scale seamlessly in line with your growing business demands.

5



## You Want to Improve Resilience and Minimize Downtime

When your physical machines are affected by unexpected problems and disasters, your organization could experience significant downtime with legacy IT infrastructure. With a virtualized environment, it is much faster and easier to replicate affected VMs compared to setting up a new physical server. By improving your system reliability and disaster recovery, you can minimize disruption to your business.

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## How to Get Started with Virtualization

Virtualization has long been established as standard practice in enterprise IT infrastructure, with many companies providing services in a cloud operating model. However, taking the first steps towards virtualization or navigating the process of transitioning to a new service provider can be challenging to many enterprises.

Some organizations may struggle to understand and manage their new subscription models. Enterprises might require guidance on how to ensure optimal performance and security in their virtualized environments, maintain compliance, and maximize cost savings. Additionally, many organizations may have gaps in their internal IT expertise that they need to overcome to manage updates and features of their chosen solution.

C1's expertise in end-to-end virtualization has helped many companies get the most value out of their transformation, reducing IT infrastructure costs by up to 30%. C1's tailored virtualization solutions are integrated with industry-leading technologies like VMWare, Nutanix, and Microsoft Azure.

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## Talk to an expert

Learn how your enterprise can lay the foundation for agile, efficient, and future-ready IT infrastructures through scalable virtualization. [Contact us today.](#)

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