

Infrastructure Migration TCO (Total Cost of Ownership)

By moving your infrastructure to the cloud, this shifts your expenses from hardware and software costs to pay-per-use operating fees. No capital investments needed up front or for on-going infrastructure upgrades. No need to have redundant equipment on-site for disaster recovery as well. Employment costs for IT specialists can be reduced while those people are moved onto another posts. There are power savings and cooling cost reductions to consider in addition.

- Infrastructure migration TCO can save as much 78 percent over a three-year period versus on-premises IT solution
- Rehost applications on Azure can save up to 68 percent
- Rearchitect applications on Azure can save up to 63 percent

2. Reducing Maintenance and Support Burden

Cloud services shift the burden of maintaining hardware, systems, and software from your IT team to the cloud provider. Upgrades are handled by your cloud provider, backup, recovery, and version control is managed. Thus, you can save on maintenance and manpower while enjoying the latest versions, securely at all times. With the difficulty in attracting and retaining experienced IT talent, this can also reduce staffing gap.

3. Scalability

Migrating your infrastructure to the cloud gives you access to resources right when you need them. If your industry fluctuates, or if you intend to grow, the cloud gives you the means to do so at once.

4. Storage

Microsoft Azure has several data centers and delivery points which allow for faster content delivery. Cloud benefits provide redundancy on a global scale. All of your data is stored on secure servers which can be shared across virtual machines.

5. Secure

Microsoft Azure uses military-grade encryption to protect your data and offers a layer of security that some businesses can't achieve on their own. On-site Azure looks like something of a high-tech spy movie: two-tier authentication, proxy cards access readers, and biometric markers. Access is managed and secure.

6. More Agile

Microsoft Azure lets you focus less on infrastructure and more on innovation. In addition to other cloud benefits, provisioning can take days rather than weeks for on-premise solutions.

Increased access to tools and best practices can significantly accelerate development. Advanced tools such as Azure ExpressRoute allow you to create private connections between Azure data centers and your cloud infrastructure without using the public internet.

What is more, the cloud allows you to bring disparate software solutions together. Even legacy systems and different third-party products can be integrated rather than trying to have everything in-house under one suite.

SUCCESS STORY: AZURE MIGRATION (USA)

Project Description

- Designed Enterprise Azure Architecture for Multi Region and Multi Subscription Environment aided with High Availability, Scalability and Disaster Recovery
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- Near real time data replication and hosts provision through ASR in event of disaster

Value Delivered

- 40% Reduction in cost
- 70% Reduction in recovery time
- 45% Saving in operations & administration costs

