The cloud delivers proven benefits, but it’s not suitable for every workload. Organizations are keeping mission-critical and transaction-intensive workloads on-premises, and are looking to update and modernize their data centers to meet growing demand. Private cloud technologies are a key part of this investment.

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31% growth of the dedicated Infrastructure-as-a-Service market is expected as organizations invest in private cloud technologies.

REASONS WHY ORGANIZATIONS MAINTAIN WORKLOADS ONSITE

PERFORMANCE
For high transaction workloads and large relationship databases, moving data to and from the cloud creates unacceptable levels of latency.

BUSINESS DISRUPTION
Many IT leaders are concerned about the disruption caused by migrating mission-critical workloads to the cloud.

SECURITY AND COMPLIANCE
Organizations often maintain sensitive data in a single-tenant environment to ensure security and meet regulatory compliance requirements.

COST CONCERNS
Most public cloud providers charge for data egress, so workloads that move a lot of data can get very expensive in the cloud.

LEGACY AND PROPRIETARY APPLICATIONS
Some legacy applications and those that depend on proprietary hardware and chipsets aren’t compatible with cloud architectures.

GREATER AGILITY
Private clouds provide the flexibility and scalability of the public cloud while maintaining onsite control.

Rapid provisioning
Replacing legacy technology silos with software-defined architectures enables IT teams to roll out new services faster to meet business demand.

Streamlined management
Hyperconverged platforms and automation and orchestration tools reduce complexity and eliminate many error-prone manual tasks.

Future-proof environment
Private cloud technologies enhance support for cloud-native applications, microservices architectures and containers.

ON-PREMISES IT WORKLOADS: KEY TECHNOLOGIES AND TRENDS

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Want to learn more?
Please contact your ProSys team to discuss how we may better support your office environment.

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