



# Cognizant WorkNEXT virtual workspaces powered by Amazon Web Services

## Empowering the future of workplaces with Amazon WorkSpaces and Amazon WorkSpaces Core

As you embrace hybrid work models, secure and scalable virtual desktop solutions become critical. Cognizant WorkNEXT™ offers virtual workspaces powered by Amazon, enhancing productivity in modern, remote and hybrid work environments. Amazon WorkSpaces and Amazon WorkSpaces Core provide enterprises with a robust, cost-effective and high-performance virtual desktop infrastructure (VDI) solution. These fully managed services enable efficient delivery of cloud-based virtual desktops, enhancing both security and productivity.

Cognizant's expertise in designing, deploying and optimizing Amazon WorkSpaces solutions ensures organizations can achieve seamless digital transformation while maintaining high performance and compliance.

# Redefining digital workspaces with Amazon Web Services

Amazon WorkSpaces offers fully managed virtual desktops that provide secure, reliable access to applications and data from any device. It enhances productivity, supports remote work and reduces costs with flexible and pay-as-you-go pricing.

## Solution offerings

- **Amazon WorkSpaces:** Fully managed VDI service that enables users to securely access applications and data from any device, anywhere, while reducing operational overhead and infrastructure complexity.
- **Amazon WorkSpaces Core:** A foundational solution that allows users to bring their own VDI management tools such as Citrix, Omnisson, Workspot, etc. while leveraging AWS's infrastructure and scalability benefits.
- **Amazon AppStream 2.0:** A powerful solution for delivering Windows and Linux applications securely to any device. Users can use AppStream alongside WorkSpaces for optimal application streaming, reducing endpoint dependencies and improving security.

## Solution benefits

- **Hybrid deployment flexibility:** Seamlessly integrate Amazon WorkSpaces with Citrix, Omnisson and Workspot to extend your existing investments in VDI technology.
- **AppStream integration:** Enhance application delivery with Amazon AppStream 2.0, ensuring high-performance streaming for specialized workloads.
- **Security and compliance:** AWS-native security controls, including encryption, multifactor authentication (MFA) and identity federation, ensuring compliance with industry regulations.
- **Cost optimization:** Pay-as-you-go pricing model and automation-driven cost management through AWS Cost Explorer and FinOps best practices.
- **Enhanced user experience:** High-performance desktops with GPU-enabled instances for power users, improving productivity and collaboration.



## Key business challenges addressed

In today's dynamic business environment, organizations face several challenges in managing their digital workspaces. Here are some key areas where innovative solutions can make a significant impact.

- **Workforce mobility and security:** Enable secure remote access while ensuring compliance with data governance and cybersecurity policies
- **High infrastructure costs:** Reduce capital expenditures (CapEx) by shifting to an operational expenditure (OpEx) model, eliminating the need for costly on-premises VDI deployments
- **Scalability and performance:** Deliver on-demand, elastic scaling to accommodate workforce fluctuations
- **Complex management:** Simplify desktop provisioning, management and security through a centralized console
- **Business continuity and disaster recovery:** Ensure seamless access to desktops during disruptions with built-in high availability and multi-region deployments
- **Performance and reliability:** AWS's global cloud infrastructure ensures high availability and seamless performance



# Transforming businesses with our expert services



## Advisory and professional services

- End-to-end consulting for VDI strategy and deployment
- Health assessments, cost-benefit analysis, and proof-of-concept (PoC) engagements
- Best practices for governance, monitoring, and ongoing optimization



## Transformation services

- Enhancing workforce mobility with secure, cloud-enabled virtual desktops
- End-user experience transformation with automation and AI-powered analytics
- Cost optimization through dynamic resource allocation and cloud bursting



## Migration and modernization

- Seamless transition from legacy VDI environments to VMware Horizon
- Cloud and hybrid migration strategies for improved agility and performance
- Security-first approach with built-in compliance and risk management



## Managed services

- 24/7 monitoring and proactive support
- Performance tuning and cost optimization
- Continuous enhancements with the latest Microsoft innovations



This offering delivers numerous benefits for enterprises aiming to leverage cloud technology or a hybrid environment. To ensure a seamless transition to a robust cloud workspace our approach encompasses five key phases:



#### Phase 1

### Assessment

Assess the existing environment to understand current user landscape, including personas, access methods and experience levels, data landscape, as well as application and infrastructure landscape



#### Phase 2

### Design

Design a secure and resilient cloud workspace environment, including networking, storage, virtual machine (VM) instances and security, based on business needs and requirements



#### Phase 3

### Build

Build and deploy user persona-based Windows 11 VDIs with base applications as per approved design from Phase 2



#### Phase 4

### Migration

Conduct a phased migration with pilot testing and feedback to resolve issues and ensure a seamless transition



#### Phase 5

### Managed support

Provide ongoing management and support, ensuring 24/7 monitoring, rapid incident resolution, enhanced performance, security compliance and an improved user experience

# Why Cognizant

Cognizant works with global enterprises to build robust, modern and secure digital platforms on AWS Cloud. Remote productivity solutions from Cognizant and AWS enable you to meet the precise needs of a remote workforce while accelerating innovation and improving operational agility. As an AWS premier consulting partner, Cognizant can streamline your digital transformation and unlock new business opportunities.



Cognizant helps engineer modern businesses by helping to modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. To see how Cognizant is improving everyday life, visit them at [www.cognizant.com](http://www.cognizant.com) or across their socials @cognizant.

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