



Desktop As A Service

Reimagining Workplace in the
High-Tech Industry


www.acecloudhosting.com

Table Of Contents

03

Abstract

04

DaaS Over VPN: Does it make sense?

05

The Days of One Location Work Restriction
Are Numbered

06

Why Switch to Desktop as a Service:
Four Compelling Reasons

07

Maximizing Value from DaaS in cloud computing:
Use cases for the High-Tech Industry

09

Creating competitive edge: Shifting your focus
from infrastructure management to fully
managed value creation

10

About Ace Cloud Hosting (ACH)

Abstract



The emergence of new working models and the demand to deliver unparalleled workplace experiences entice the high-tech industry to adopt cloud technologies. 90% of employees surveyed prefer flexible work¹. Workplace transformation involves harnessing virtual technology-driven solutions.

VPNs acting as the house of security for the last decade are now outdated. Why?

With the growing number of hybrid employees accessing company resources on any device, VPNs had their purpose. VPNs were designed for a small number of employees to connect with corporate data. To actually keep up with the needs of the hybrid workforce, IT administrators need to implement additional security frameworks without ambiguity.

VPNs have few security loopholes as it was built for employees working on a known secure network. However, employees distributed worldwide on different network zones and multiple devices have changed everything. If they use VPNs, IT administrators can no longer trust a network connecting to a device. This could open the door to significant security issues.

76% of VPN network intrusions involve compromised user credentials². This is because a compromised device becomes an easy target for hackers to access the entire corporate network.

Do you know the average cost of a critical infrastructure data breach is USD 4.82 million³? VPNs act as one of the primary vectors of data breaches.

DaaS Over VPN:

Does it make sense?

VPNs are no longer appropriate for the modern-day distributed workforce. Therefore, [Desktop as a Service](#) (DaaS) is a more efficient alternative to a strengthened, secure user experience.

DaaS refers to the hosted virtual desktop delivery, managed through lifecycle for a monthly or yearly subscription fee.

Today's organizations demand zero-trust security architecture that deals with core issues while moving to [BYOD](#). Again, DaaS has evolved to be a better infrastructure with a more identity-centric approach to adopting dynamic authorization (entitlements) to the identity.

[DaaS](#) does what VPNs never could, as they eliminate any implied trust from the work environment through a multi-layered security system. DaaS is based upon a security standard that restricts data and applications access. It works on the 'Always Verify Approach.'

DaaS allows industries like healthcare or finance to efficiently implement zero-trust architectures without disclosing sensitive data to everyone within the enterprise.



This paper explores the future of DaaS in the High-Tech industry. DaaS as a managed service presents a roadmap for original equipment manufacturers (OEMs), high-tech organizations, and service providers to leverage robust infrastructure as a pathway to digital transformation collaboratively.

Through enriched and value-added services that provide analytical insights into device usage, DaaS can be a potential game changer for high-tech players, enabling them to have greater control over their assets as well as costs.



The Days of One Location Work Restriction Are Numbered

Over the last few years, businesses have begun taking an 'as-a-service' model. What is the driving force behind this trend? The need to counter the constant pressure on IT departments is increasing while the workforce operates from different geographical locations. Thus, IT leaders must implement the latest digital workspace solutions to become future-ready. However, many companies also lack the IT expertise to evaluate modern workplace solutions for on-demand availability, scalability, security, and other business-specific compliance.

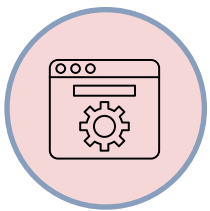
DaaS combines instant access and security - under one umbrella. It promises to lower capital expenses and enhance ROI predictability, all while enabling predictive analytical insights about performance and user experience.

Why Switch to Desktop as a Service: Four Compelling Reasons

How will you manage your remote workforce? How critical is the desktop procurement model? How to fix it? Is DaaS the right answer to your problems?

The innovations in the high-tech industry around virtualization and cloud models enable firms to address the challenges of deployment, implementation, security, and management of the traditional IT infrastructure. Along with enhanced employee experience, DaaS also improves an enterprise's security and compliance.

Here are the following benefits that make a strong case for deploying virtual Desktop as a service:



Strengthened Security Framework:

The end-to-end multi-layered security approach of DaaS offers comprehensive visibility into potential security risks to IT. This implies that IT can flag any unusual activity in the infrastructure with the help of monitoring. Essentially, it would protect the information associated with devices, apps, data, and the network, as IT can restrict 'copy-paste' data outside the workspace.

Moreover, the firewall can be implemented regardless of the attack vector—whether malware tries to enter from any peripheral device or network. Application and desktop-level protection are enabled with identity-aware access controls to ensure that applications are free from malware.



Brings cost stability:

Real-time visibility into current and forthcoming infrastructure costs as OpEx instead of CapEx facilitates budget control. The improved expenditure predictability offers an enterprise the flexibility needed to redeploy resources toward industry priorities.



Seamless upsizing and downsizing:

DaaS is based on monthly, quarterly, and yearly subscription models that enable the provisioning or removal of desktops at a single click without any hassles related to configuration, deployment, and management.



More IT bandwidth for core tasks:

Desktop as a service takes away primary IT responsibilities from the in-house IT team's shoulders, allowing them to shift their emphasis toward core processes such as continuity planning, risk management, and internal assistance.

Maximizing Value from DaaS in cloud computing: Use cases for the High-Tech Industry

The boost in spending on cloud services is endless for IT operations, and this is where DaaS will be competing for a major share. As DaaS adoption is increasing, high-tech industry segments such as virtual reality and artificial intelligence have a tremendous opportunity to grow with it.

Here are a few use cases of DaaS that will illuminate the significant share of DaaS in market dynamics:



Onboarding Remote Users Rapidly

Today's businesses have dynamic deployment needs, including temporary contractors, freelancers, Consultants, and mergers & acquisitions. In such a scenario, businesses need a technology that allows them to scale without hassles. And with DaaS, it's effortless to achieve. Accommodate new users of a hybrid workforce with a Virtual Desktop as a Service that scales up and down on demand and delivers [zero trust](#) network access (ZTNA) to all enterprise applications—without difficult-to-scale VPN.

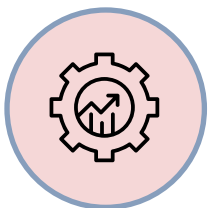
Whether a firm has to support 100 or 10,000 remote users, each will have dedicated access to apps and data while IT securely owns data.



Expand Remote Work Security

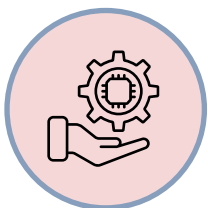
The distributed nature of the workforce means teams work on insecure devices. Thus, security concerns are serious. 60% of security professionals think Ransomware and terrorism threats are equal.⁴ Ace DaaS solutions provide everything a business needs to maintain IT security up to date and protect against cyberattacks with isolated data and end-to-end encryption. And when a company deploys DaaS, it comes with built-in policy controls to keep access under control no matter how many devices or networks it comes across.

The DaaS infrastructure is designed in a way where automated security updates take place and devices are updated with the latest threat intelligence. It also put an end to downtime and the hassles concerned with routine updates of operating system features for both IT teams and employees.



Foster Remote Employee Productivity

There's much more to hybrid work than keeping security at peak— IT leaders must sustain employee productivity. Yet many hybrid employees still get frustrated with slow applications. Thus, supporting high-end-user experience while improving collaboration with technology is the most significant IT challenge in the hybrid work environment. Ace virtual desktop as a service solution is purpose-built to address such challenges. Users can experience HD voice and video quality with specialized HDX protocol regardless of the low network, so teams and customers get work done quickly.



Simplify IT Management

It is evident that managing infrastructure puts an extra load on IT. And this not only leads to low productivity but burnout. As a digital workspace solution, DaaS helps relieve much of that burden. Here comes the way to accomplish greater agility and IT control and uphold employee productivity from anywhere.

Creating Competitive Edge:

Shifting your focus from infrastructure management to fully managed value creation



Today, high-tech firms are focusing on delivering automated, secure, scalable, and flexible digital workspace solutions that foster collaboration among teams, no matter where they are. However, managing such infrastructure is not everyone's cup of tea as it demands a high budget, IT onboarding, skill sets, and much more. Thus, DaaS is an analytical and innovative solution that supports them in getting a competitive advantage in the industry.

Citations:

1. <https://www.hrdive.com/spons/90-of-employees-demand-flexible-work-do-you-have-the-tools-to-support-the/621558/>
2. <https://www.securelink.com/blog/vpn-problems/>
3. <https://onwireco.com/2022/09/28/cost-of-a-data-breach-infrastructure/>
4. https://nationaltechnology.co.uk/60pc_Of_Security_Professionals_Think_Ransomware_And_Terrorism_Threats_Are_Equal.php

About Ace Cloud Hosting (ACH)



ACH offers business-critical cloud computing solutions that provide vibrant pathways to transcend operations, foster innovation, and create value for partner organizations. The organization enables a conducive IT ecosystem that empowers businesses to work smoothly from anywhere and at any time in a secure manner. ACH has over 15+ years of experience in creating, deploying, and scaling dynamic cloud infrastructure of high-growth enterprises and enabling real-world foundations to support their business growth. Leading organizations are harnessing ACH's [Cloud Computing](#), [QuickBooks Hosting](#), [Virtual Desktop Infrastructure](#), and [Managed Security Solutions](#) to challenge the status quo, breaking their previous molds and clearing the groundwork for business success.



Connect with us:

