

Desktop as a Service:

A Key Piece of the Hybrid Workplace Puzzle

42% of IT leaders have already deployed DaaS as of 2021. A further 30% plan to invest in DaaS by mid-2023.

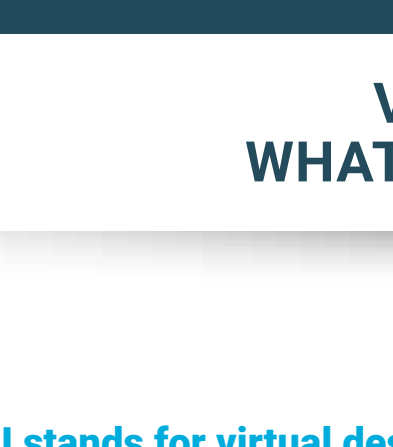
It's 2022. Your business users work in a mix of in-office, remote, and hybrid settings, spread across different locations and devices. Maintaining and configuring desktop applications and services across a wide range of user scenarios can be a growing challenge.

Virtual desktops can speed up or alleviate common issues admins face with end user computing, such as:

- EMPLOYEE EXPERIENCE AND IMPACT ON PRODUCTIVITY
- CAPACITY AND PERFORMANCE ISSUES WITH VPNS AND DATA CENTERS
- SECURITY AND COMPLIANCE CONCERNS
- SKILL AND RESOURCE CONSTRAINTS
- WORKSTATION SETUP AND MAINTENANCE

WHAT IS A VIRTUAL DESKTOP?

Virtual desktops are hosted desktop services that can be accessed by almost any device with an internet connection. Everything within your typical desktop environment, like your files, icons, applications, and customizations, is stored on a virtual server in the cloud.



Gartner projects that by 2024, 80% of virtual desktops served to remote users will be DaaS, up from fewer than 30% today.

VDI, DAAS, AVD... WHAT'S THE DIFFERENCE?

VDI stands for virtual desktop infrastructure. Every virtual desktop is a type of VDI.

As hyperscale cloud providers have boosted VDI offerings and managed service providers added managed desktops, **Desktop as a Service (DaaS)** emerged with built-in features, greater scalability, and simplified management.

Azure Virtual Desktop (AVD) is one popular option for DaaS, delivered from the leading Microsoft Azure platform.



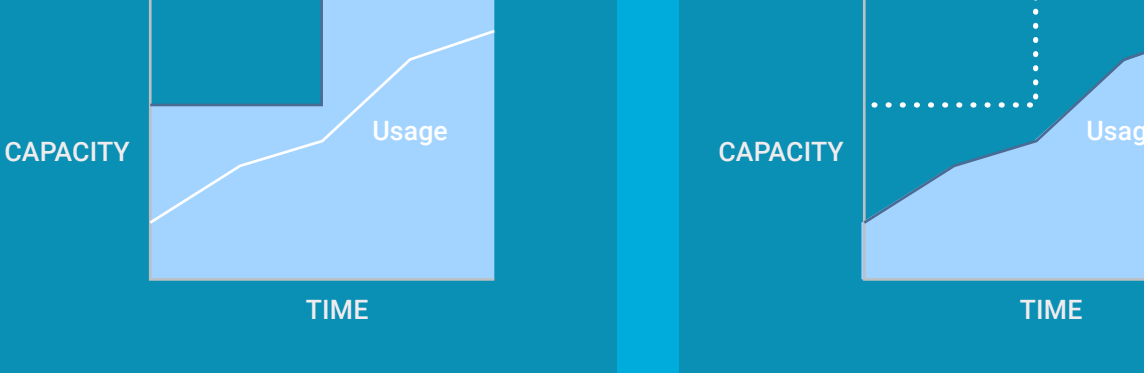
WHY USE DAAS?

Virtual desktops are ideal for many use cases in today's hybrid workplace. Some situations that are ideal for Desktop as a Service include:

- DISTRIBUTED EMPLOYEES** (field roles, branch locations, remote work)
- SECURITY AND REGULATION** (government, industry standards, customer data)
- ELASTIC WORKFORCE** (short-term, seasonal, contractors, partners)
- SPECIALIZED WORKLOADS** (Line of Business apps, customer service, dev/test)
- COMMON WORKSTATIONS** (banks, healthcare facilities, call centers)

CAPEX SAVINGS WITH DAAS

Simplified setup, configuration, and updates are only one advantage of DaaS. According to Microsoft, AVD can also provide significant cost savings over traditional desktops when it comes to infrastructure costs and bundled licensing, largely due to scalability and flexibility built into cloud desktop services:



ON-PREM: Invest and build for peak demand

CLOUD: Pay on monthly bases for actual capacity



HIGH-LEVEL SERVICE ARCHITECTURE

As with many cloud services, the responsibility for infrastructure and platform-level components falls to your service provider, leading to labor savings for your IT staff as you don't need to worry about managing network gateway, load balancing, compute infrastructure, or storage platforms.

In fact, with Desktop as a Service, even the desktop policy, images, user identity plane, VM sizing, auto-scaling, and operating system can be managed by your cloud service provider.

YOUR SUBSCRIPTION

DESKTOPS AND REMOTE APPS

MANAGEMENT AND POLICIES

- IMAGE, APP, AND PROFILE MANAGEMENT
- USER DENSITY, VM SIZING, AND SCALING POLICIES
- USER MANAGEMENT AND IDENTITY
- NETWORKING POLICIES

These policies and management tools define how users access their desktop, what apps and services are pre-installed, and how your VDI environment scales.

MANAGED BY SERVICE PROVIDER

AZURE VIRTUAL DESKTOP SERVICE

- CLIENTS
- DIAGNOSTICS
- GATEWAY
- MANAGEMENT
- BROKER
- LOAD BALANCING

The AVD service is managed by Microsoft and/or your CSP. It facilitates client and server connection, provides diagnostics, and offers management of your DaaS subscriptions.

INFRASTRUCTURE

- COMPUTE
- STORAGE
- NETWORKING

The infrastructure layer provides the base compute, storage, and network resources to run the virtual machines that host each virtual desktop.

READY TO TAKE THE NEXT STEP WITH DAAS?

You can go it alone when implementing virtual desktop services on Azure – or you can take advantage of an AVD expert to deliver fully fledged Desktop as a Service.

Choosing an Azure Expert MSP for AVD migration, deployment, or ongoing managed desktop services means every virtual desktop benefit is amplified:

- ✓ Ease of use
- ✓ Secure and compliant services
- ✓ More time for your IT department to focus on innovation
- ✓ Guaranteed uptime and performance
- ✓ Knowledge sharing and coaching

Lunavi managed virtual desktop services are backed by our 24/7 customer support and Azure Expert MSP staff. We'll ensure your desktop environment is optimized, secure, and up-to-date with services including:

- 1001 0101 TECHNICAL DISCOVERY** Active Directory & infrastructure provisioning
- MONITORING & SUPPORT** 24/7 Global Service Center monitors AVD and provides proactive notifications
- CONSULTATION & OPTIMIZATION** Maintain cloud desktop environment for current goals and utilization
- DATA PROTECTION** Bring your own backup solution or choose Backup as a Service
- MANAGEMENT & PATCHING** Deploy, configure, and manage desktops according to policy
- SECURITY** Encryption, Azure Sentinel logging, and security hardening

Learn more at:

lunavi.com/modern-workplace/azure-virtual-desktop