SOLUTION BRIEF

Nutanix Frame Streamlines Distance Learning

Enable distance learning with an innovative Desktop-as-a-Service solution that delivers easy access to Applications and Desktops from any device

KEY BENEFITS

Accelerate deployment
Frame can be up and running in a matter of hours.

Superior user experience
Students and faculty can utilize their own devices, and there's nothing to install – just use the browser to access any application.

Modern security
Eliminate risks to student and staff privacy while integrating with your existing security.

Flexible deployment options
Run Frame from public cloud datacenters around the world, or take advantage of on-premises infrastructure.

Frame in Education
- Creighton University
- Swiss vocational school
- Alabama A&M University
- White Bear Lake Schools

Colleges and universities everywhere are preparing for a world in which distance learning has become a critical capability and an important differentiator in the wake of the COVID-19 pandemic. While providing a substitute for in-person lectures is important, successful distance learning also means ensuring that students have access to the computing services and applications they need. The ability to deliver a good user experience is essential.

Application performance is an important part of the user experience, but users—both students and faculty—also need solutions that are easy to access and use, feel as familiar as possible, and protect personally identifiable information (PII). Given that application needs for different courses vary widely and that online students may be hundreds or even thousands of miles from campus, this poses significant challenges for already overburdened IT teams.

FLEXIBLE, SCALABLE APPLICATION DELIVERY WITH DESKTOP-AS-A-SERVICE

Nutanix Frame, an innovative, multicloud Desktop-as-a-Service (DaaS) solution, addresses distance-learning challenges, allowing your students and faculty to access applications on any device from any location to deliver a more immersive educational experience. Available in the cloud with AWS, Azure, or Google Cloud Platform and on-premises with Nutanix AHV, Frame offers significant advantages:

- **Anytime, anywhere access.** Your users only need a browser and a network connection to access desktops and applications.
- **Flexible BYOD.** Frame enables faculty and staff to use their own devices, and non-Windows devices, to get easy access to Windows apps, eliminating compatibility and licensing challenges.
- **Ease-of-use.** Since there's no software to install, Frame is easy for students to use. Faculty and staff spend less time helping students overcome technology hurdles.
- **Scalability.** Schools using Frame are able to scale and adapt to unforeseen needs quickly and easily.
- **Performance.** Frame is optimized to deliver great performance, even over low bandwidth, high-latency networks. A variety of options, including GPU and multi-GPU sessions, support the most demanding technical applications.

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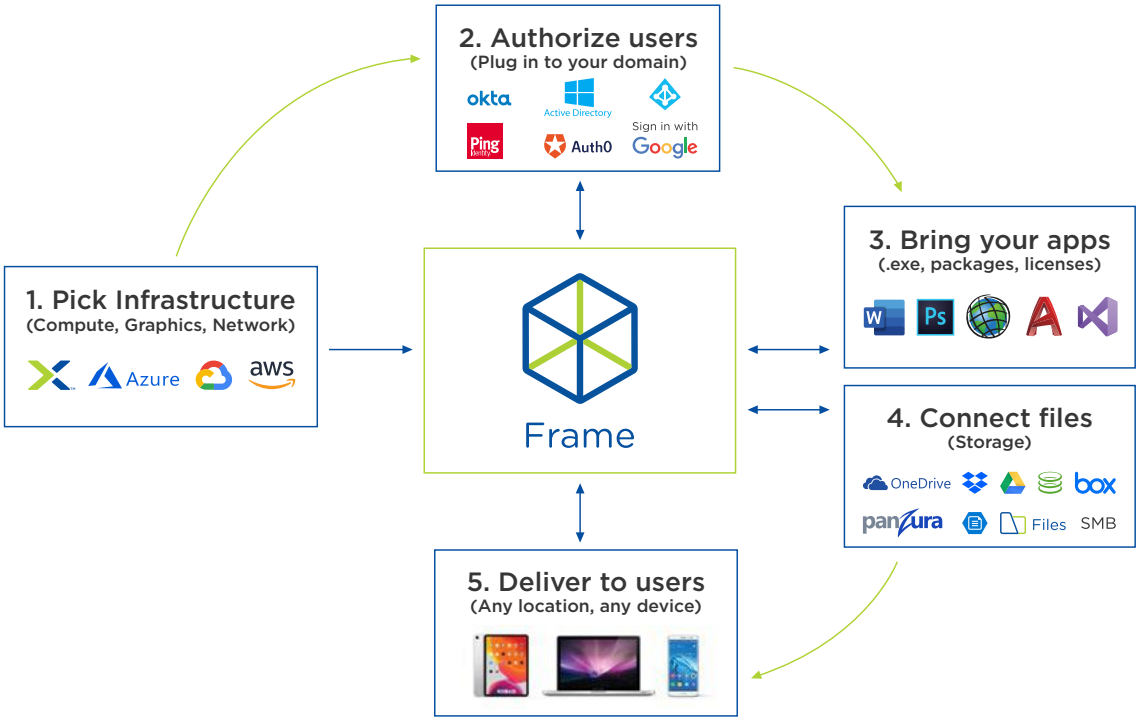
GET STARTED QUICKLY

Many schools know firsthand that virtual desktop infrastructure (VDI) deployments can be time consuming to plan, deploy, and manage and require significant expertise. Frame can be configured and deployed quickly, and everything—including virtual desktop and virtual application environments—is managed from a single, intuitive interface. Getting started with Frame requires just five steps.



AUSTRALIAN UNIVERSITY OPTS FOR HYBRID DAAS

The University of Canberra is innovating how students and staff access University learning environments, corporate applications, and data.

"The University had a strategic goal to provide equitable access to student software and to allow staff to use campus-based IT services while working from home. The staff experience is simple and smooth and provides access to a Windows desktop from any web browser. Staff can work with standard campus applications as well as research tools with GPU graphics and processing," said Justin Mason, associate director at University of Canberra.

"Having the staff platform launched during the COVID-19 pandemic provided an important resource for staff working from home on their own personal devices. With a blended teaching model being deployed for Semester Two, the University will soon be launching this facility for students, and this will be a critical resource for those who are not able to return to campus," Mason continued. "Being able to provide remote access to applications and data normally only available in campus labs, will ensure that no student is disadvantaged if they are studying remotely."

UC has extended its AHV data-center platform to host Frame DaaS in a true hybrid architecture, utilizing on-premises AHV capacity before bursting to AWS and Azure on demand. The hybrid DaaS model reduces risk, minimizes costs, and allows expansion for more users and specific use cases.

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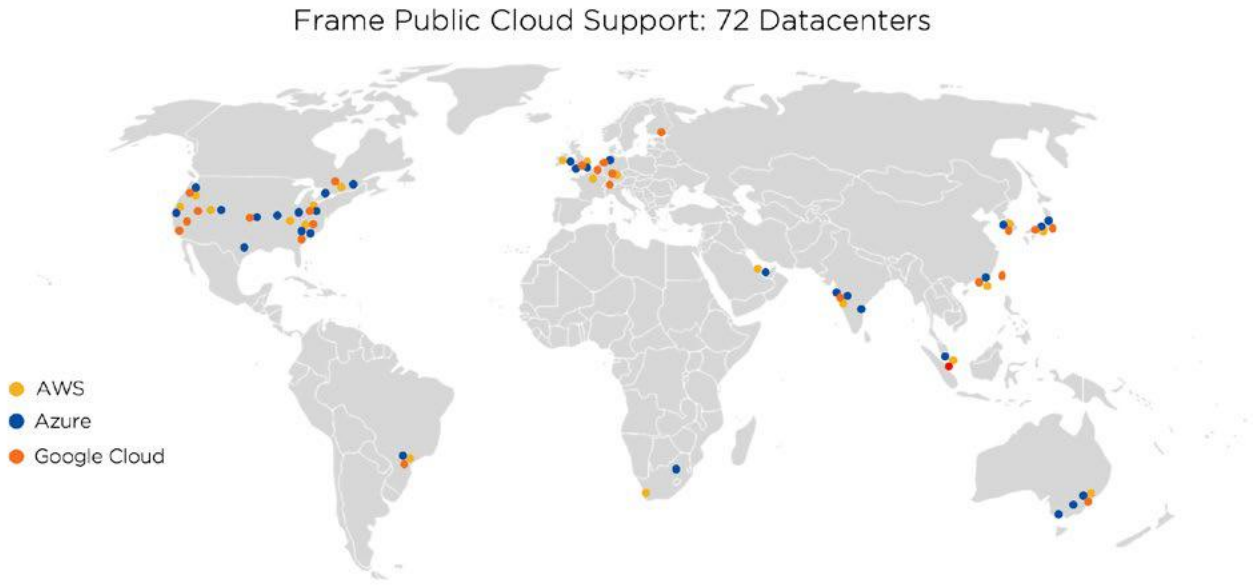
CONTROL COSTS WITH FLEXIBLE DEPLOYMENT OPTIONS

A host of new priorities is stretching college and university IT budgets to the breaking point. With Frame, you can get started running in the cloud with no upfront CapEx and pay as you go with usage metered in minutes and hours rather than days, months, or years.

Alternatively, you can utilize Frame's cloud control plane while hosting apps, desktops, and user data on Nutanix AHV in your datacenter, blending CapEx and OpEx. This approach can be extremely cost-effective for sites supporting thousands of concurrent users. It's also a good option for applications that rely on backend services running in campus datacenters. You can mix operations as necessary, with some applications and desktops running on-premises and some in the cloud.



PROTECT STUDENT PRIVACY AND SECURITY

Because no data is stored on a user's device, DaaS is inherently more secure than letting students download and install software locally.

When students sign off, their sessions are terminated and associated virtual machines are reset, preventing security breaches and unauthorized access.

By eliminating the need for client-side software or plug-ins, Frame eliminates a critical point of vulnerability. All communication between a user's browser and the cloud service is encrypted with TLS and 2048-bit public key certificates. Frame offers SOC2 type II compliance, supports FIPS mode, and is FedRAMP Authorized.

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GETTING STARTED WITH FRAME

With performance, security, ease of use, and flexible deployment, Frame is the ideal solution for distance learning in higher education. To learn more, visit nutanix.com/frame. For an overview of both the Frame user experience and administrator experience, click the link below to test it out for yourself at no charge.

Start Frame Test Drive

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YOUR ENTERPRISE CLOUD

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