

Uniface and Cloud

Cloud is now a 'must have' commodity. Recent research suggests that soon 80% of IT budgets will be spent on cloud solutions¹. Naturally, we have made support for cloud deployment a high priority.

Budget Boost

48% said the overall reduction of administration creates a significant advantage in deploying software via the cloud, while 36% cite lower costs.



Data from: www.cioinsight.com

10 Ways Uniface Helps You Succeed

- #1 PRODUCTIVITY
- #2 RELIABILITY
- #3 SECURITY
- #4 INTEGRATION & REUSE
- #5 SCALABILITY
- #6 AGILITY
- #7 SUSTAINABILITY
- #8 TECHNOLOGY INDEPENDENCE
- #9 COMMUNITY
- #10 PARTNERSUNITED PROGRAM

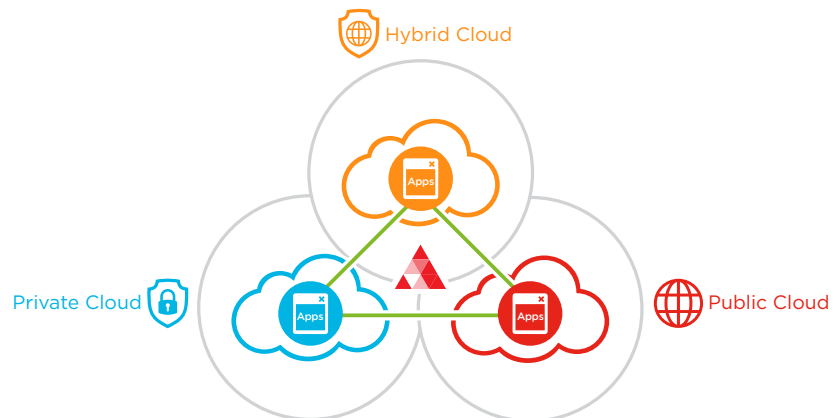
uniface.com/why-uniface

Uniface now provides an ideal environment for developing new solutions destined for the cloud. The technology independence that is inherent in Uniface means existing solutions can be easily redeployed to leading cloud platforms. Uniface has been fully tested and verified for deployment on both Amazon and Microsoft platforms, enabling customers to deploy apps with a high degree of confidence.

Why use Uniface for cloud deployment?

Technology independence

Uniface technology makes it easy to deploy, redeploy and maintain apps either entirely in the cloud or with a Hybrid Cloud approach. Uniface applications can easily be moved from one technology to another. This feature helps with the initial move to the cloud, but also simplifies the process of migrating from one cloud platform to another while perhaps also changing operating systems and/or databases. All of this can be achieved without the need to change the underlying application.



Reliability and longevity

The cloud gives enterprise customers the opportunity to just 'deploy and forget' applications, leaving the cloud provider to maintain all aspects of the deployment. This relieves the IT department of a significant burden. It can save a lot of money and effort over the (typically very long) lifecycle of a Uniface application.

Flexibility and elasticity

Cloud gives organizations the flexibility to vary the level of hardware resources used dynamically to meet varying demand levels – for example, to deal with high levels of activity during a pay cycle if you're a payroll provider. (On-premise, private cloud deployment, by contrast, requires sufficient hardware investment to cope with the highest demand – which, if usage peaks only occasionally, implies that expensive hardware capacity is underutilized most of the time.) As well as enabling better use of your budget, this means you can avoid expensive and complicated capacity planning and load testing.

Deployment flexibility

Uniface makes it easy to deploy an application across more than one platform – for example, you could go for a hybrid deployment with some functionality running on the public cloud and some in your private cloud. This could be a cost-efficient option where data privacy requirements mean certain data needs to be kept on premise or in a particularly geography.

Security

Contrary to some perceptions, cloud is highly secure – for companies like Amazon and Microsoft, security is non-negotiable, they must get right, so they know more about the topic than many corporate Chief Security Officers. Uniface itself is designed with security in mind, too. We work with specialist security partners and with customers to ensure that Uniface apps deployed in the cloud are highly secure, as well as providing guidelines on development and design techniques for achieving a secure application.

Ease of optimization

With Uniface, it's fast and easy to make design changes to optimize existing applications for cloud. For example, you might decide to partition data for hybrid deployment as mentioned above. The latest version of Uniface is designed with cloud specifically in mind – it now has features that can help package selected functionality into microservices.

Platforms:



Linux Distributions:



Databases:



Special advantages for application partners

Productivity

VARs and ISVs can fulfill the promise of Software as a Service (SaaS) by continually providing enhancements to their cloud-based application, keeping all customers on a single version. That approach is cost-effective for application partners because they are only deploying in one place, and only need to support one version, so maintenance costs and complexities are significantly reduced.

Infinite scalability

An application partner providing a SaaS offering can dynamically scale up its environment as it acquires more customers (or as existing customers acquire more end-users or devices). Scaling down is just as easy. Uniface applications can also cope with situations where the number of users or devices is unknown – for example, where usage depends on how many people download and use a given app. This scalability is equally helpful for situations where transaction or data volume peaks are high or unpredictable.

¹ Intel Security, "Building Trust in a Cloudy Sky: The state of cloud adoption and security", Jan 2017.
<https://www.mcafee.com/us/resources/reports/rp-building-trust-cloudy-sky.pdf>

Advantages for application partners' customers

Cost-effectiveness and access to functionality

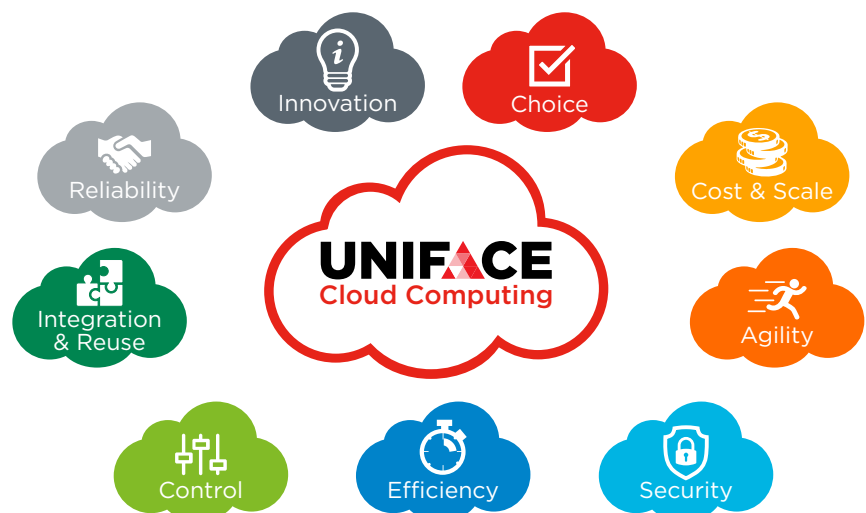
Cloud-based deployment means your customers can always be using the latest version of your application without any effort to upgrade them individually to new versions on either their or your part.

Customization support

Although cloud lends itself to a low-cost, high-volume approach with minimal customization, it is also possible to support existing customizations. With Uniface applications, each customer can run their own version of a software product yet connect to the same run-time environment.

Convenience and ease of adoption

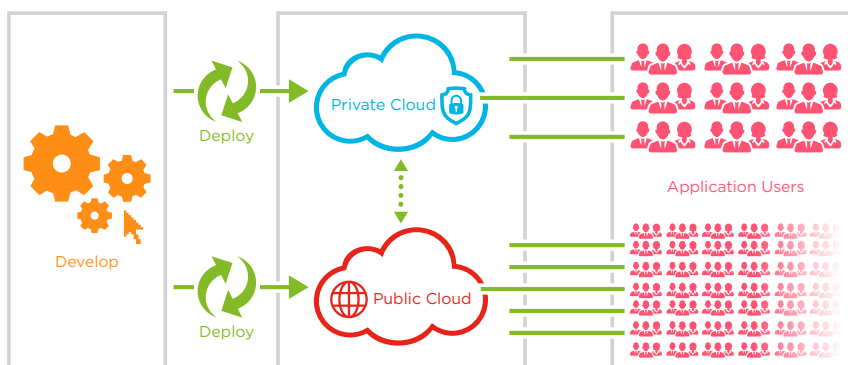
Uniface-enabled SaaS can be a highly attractive option for both new and existing customers. Every aspect of the application can be outsourced to you or your partners, so the customers don't have to invest in, or manage, hardware, software or servers - and they also avoid issues like maintenance and round-the-clock support.



How to deploy Uniface applications in the cloud

The following deployment options are currently available for Uniface deployment in the cloud:

- Platforms: Linux environments on AWS and Microsoft Azure
- Linux distributions: Red Hat, SUSE and CentOS
- Databases: Oracle, MySQL and PostgreSQL



This gives you a range of choices, from very affordable – but still effective and reliable – ones such as CentOS and PostgreSQL, to best-of-breed products such as Red Hat and Oracle. If you're an application partner, your customers will have little interest in the underlying technology, so this is an opportunity to reduce deployment costs while maintaining the same price points for your application and services, increasing your profit potential.

All the deployment options listed on our product availability matrix (PAM) are supported and are available to customers now.

Contact us to find out how you can deploy your existing or planned Uniface application in the cloud.

About Uniface

Uniface, the most productive, reliable development tool in the industry, provides a model-driven environment for the rapid development of scalable enterprise mission-critical applications. Learn more at www.uniface.com

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