



Success Story

oneclick delivers instant, cost-effective Cloud VDI solution in the IONOS Cloud

oneclick's turnkey, virtual desktop infrastructure (VDI), powered by the IONOS Cloud, allows customers to make native Windows applications available in the cloud quickly, easily, and with secure web browser access.

+++ Featured learnings +++

- oneclick customers can quickly and easily provision infrastructure and applications, at any time, without having to make or schedule requests.
- The oneclick solution can reduce the total cost of ownership of cloud application delivery by up to 70 %, and shave months off project rollouts.
- ISO-certified IONOS Cloud ensures that data is stored locally, enabling customers to meet all relevant data privacy requirements and regulations.



Cloud platform company oneclick partnered with IONOS to enable its customers to quickly provision secure, anywhere access to their native Windows applications. There's nothing to install: the oneclick solution makes any application available in the IONOS Cloud, with a URL that's accessible from a secure web browser on any device. Founded in Zurich, Switzerland, oneclick is a global company, with operations in Europe, the UK, US and Hong Kong. It serves a wide range of customers from small to medium-sized businesses (SMBs) through to large multinational corporations.



The challenge

Moving applications to the cloud

Even before the pandemic accelerated the move to hybrid work, organisations were embracing cloud-based applications for cost efficiency, simpler roll-out and administration, and anywhere access for employees and customers. But while businesses were seeing the benefits, IT teams were often left feeling the headache.



Nehal Thakore
Business Development Director at oneclick

Nehal Thakore, Business Development Director at oneclick, explained: “We see a lot of IT teams struggling to make applications compatible with the demand for secure browser-based access. But the business has come to them saying ‘Hey guys, we want to continue using this ERP solution from mobile devices and the home-office!’ and even though it’s on-premises or not fully cloud, they have to make it happen. So it’s up to the IT team to take this application, install, test, and roll it out. Then they have to use a management and delivery middleware like Citrix or VMware, which adds another layer of complexity – and can add weeks to solution deployment.”

This plays into the biggest challenge for IT teams right now, in any environment: managing an increasingly-complex enterprise IT landscape. “You have a lot of different solutions in an enterprise environment. It’s not as simple as just connecting to Google or Microsoft 365 and that’s it; they’re available. Businesses need to deliver consistent performance and a consistent set of applications to all employees, and they also need to secure everything. The network, the end devices, all the endpoints they’re using to access these applications need to all be secured, and that requires at least six to eight different solutions,” Nehal said.

The turnkey VDI solution by oneclick

A unique cloud platform

With oneclick’s turnkey VDI solution, organisations can quickly and easily make any native Windows application available as though it were a cloud-based solution.

“What we’ve developed is a cloud platform that can connect users to any server environment,” Nehal said. “Previously, an organisation would need to set up, secure, and run a virtualisation solution like Citrix or VMware, which can take significant time and requires specific technical knowledge. But our customers can make their applications centrally available and accessible via a web browser, incredibly quickly, in only a few clicks.”

A customer uses the oneclick administration panel to almost instantly create a new virtual machine in the IONOS Cloud. This can then be connected to the organisation’s Active Directory (AD), and the application is immediately available to all the authorised AD users. There’s nothing to install – either at the server or user end – as the application is available straight from the cloud, delivered via web browser. oneclick’s administration set up also makes it easy for IT teams to grant, manage and revoke access to the application instantly.



The oneclick solution is highly secure. No data is transmitted between the oneclick platform and the browser or end device – information is sent and received as image movements. Similar to the way a streaming service like Netflix delivers its content: oneclick uses its own encrypted streaming protocol, which is an integral part of its cloud platform solution.

Data usage and bandwidth are also flexible, as oneclick bundles these with the VDI solution and makes sure that customers understand how this works. “Network bandwidth is up front and centre in our solution. The customer can tell us what bandwidth they require and what kind of network traffic they expect, how many gigabytes or terabytes, etc. It’s all flexible, up to unlimited. So if customers want to increase their available bandwidth at any time, they can,” Nehal said.

The implementation

Backed by Virtual Desktop Environment IONOS Cloud

While it’s possible for the oneclick service to work with other cloud infrastructure providers, the oneclick team appreciates the IONOS Cloud for a number of reasons:

- **Cloud API for instant provisioning.** IONOS’s comprehensive API enables oneclick to automate and accelerate solution rollout. Fully working IT environments can be set up in only a few clicks, without any input from the IONOS team.
- **Robust, scalable VDI.** The IONOS Cloud is built for reliability, and enables customers to scale their cloud resources as their business grows.
- **Maximum data privacy.** Data privacy is an increasingly important business concern. The IONOS Cloud enables oneclick customers to choose from certified data centres in the UK, Europe or US, to ensure full compliance with strict local data protection regulations.
- **Global reach.** The IONOS network has data centres in key locations, enabling oneclick to serve customers around the world. And if IONOS infrastructure isn’t available, IONOS manages the relationship with other cloud providers to deliver a one-stop experience for the customer.
- **Flexible pricing.** With the IONOS Cloud’s per-minute billing structure, oneclick customers can turn off their services when they’re not being used, for example outside of core working hours, to significantly reduce ongoing usage charges.



The Benefits

Quick, easy, with nothing to install

Whether you're a small to medium-sized business, or a large enterprise, oneclick powered by the IONOS Cloud enables you to cost-effectively deliver any application via the cloud, even traditionally bandwidth-hungry apps like 3D design and CAD, while significantly reducing the complexity of your IT network.

Reduces TCO

Choosing oneclick and the IONOS Cloud removes the need to use complex solutions like Citrix or VMware, and enables you to quickly make your applications cloud-ready in no time. This contributes to a significant reduction in total cost of ownership of cloud delivery, with some organisations seeing as much as a 70% reduction.

Lowers ongoing costs

The IONOS Cloud enables true consumption- or usage-based costs. While other data centres require applications to be active 24/7, IONOS charges by the minute. For example, you can turn your services off outside office hours or at weekends, and you won't be billed usage charges for these periods.

Data sovereignty

Working with IONOS allows organisations to gain greater control of where their data resides, enabling customers to choose whether their solution is hosted in a UK, European, or US data centre. In addition, information is sent between oneclick and the browser as an encrypted stream, meaning no actual data is transmitted.

Highly secure

Both oneclick and IONOS meet highly-stringent data and security regulations, including GDPR, so customers can be sure their solution is secure. Cloud delivery also simplifies an organisation's IT network, and removes the need for some traditional weak points

in the network, e.g. VPNs. The oneclick solution is secure by design, based on Zero Trust Architecture and it can connect with different identity providers.

Virtual Desktops scale with you

Working with IONOS enables oneclick to deliver a reliable, cost-effective, and highly-scalable virtualisation technology solution. Customers can choose the number of instances, performance equipment and bandwidths that suits their need, and these can be increased as demand increases.

Conclusion

Continuing support for cloud services

With hybrid work further increasing the demand for services to be available anywhere, any time, on any device, oneclick expects to see continued growth in interest for its cloud application provisioning services. And working with the IONOS Cloud enables oneclick to deliver a complete solution that's quick and easy to roll out, and scale when required.

One of many organisations already using this solution is Price Bailey, a large chartered accountancy and Sage business partner. Price Bailey chose oneclick to provision its Sage 200 installation to the cloud, to speed up deployment, reduce costs and increase security. Sage licences are pricey, so it's important to start realising value for money as soon as possible. With oneclick, Price Bailey reduced its rollout time from 15 days to three.

"You'll find a lot of other virtualisation and VDI providers out there who can provide a server environment to make it available anywhere. But these providers don't deliver application provisioning as we do," Nehal said. "Thanks to IONOS, our solution is a true turnkey solution – unique in the marketplace – which helps our customers reduce the cost and complexity of managing enterprise applications for their distributed teams."



About IONOS

IONOS cloud is the European cloud alternative from IONOS, the leading European provider of cloud infrastructure, cloud solutions and hosting services.

Our product portfolio includes Compute Engine, an IaaS compute engine with its own virtualized code stack; Managed Kubernetes for container applications; a private cloud powered by VMware; and S3 object storage. Our solutions provide established medium-sized and large companies, regulated industries, the digital economy and the public sector with all the services they need to be successful in and with the cloud.

We are convinced that data sovereignty is essential for successful digitisation. That's why we are committed to ensuring that our customers retain control over their data and applications. As a German company, we offer full GDPR compliance, and thus maximum protection against access based on the US CLOUD Act.

Treating our customers fairly is very important to us, so we offer transparent pricing and by-the-minute billing, no vendor lock-ins and the best price/performance ratio in the IaaS market. Ease of use is another priority, so we provide highly flexible solutions and easy, drag and drop configuration through our patented Data Center Designer and APIs.

We also attach great importance to customer needs. Dedicated account management, tailored cloud architecture consulting – including support with proof of concept by professional services – and free 24/7 enterprise-level support with certified system administrators are available to help users in any situation.

Our history

For over 30 years, IONOS has been developing innovative, reliable and high-quality solutions that help companies of all sizes to digitise their business processes.

These include web hosting products and office applications, proprietary data centres and innovative cloud solutions. In addition, we have continuously enhanced our portfolio through strategic acquisitions.

Since its foundation in 1988, IONOS (formerly 1&1) has become Europe's largest hosting provider. In 2010, Achim Weiß, the current CEO of IONOS, founded an IaaS provider, which is now the basis for IONOS cloud. With 8 million customer contracts and georedundant data centres in Germany, Europe and the USA, we provide intelligently coordinated products for every phase of a company's development.

IONOS cloud is a sub-brand of IONOS, a United Internet AG company.

More information is available at www.cloud.ionos.co.uk.



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