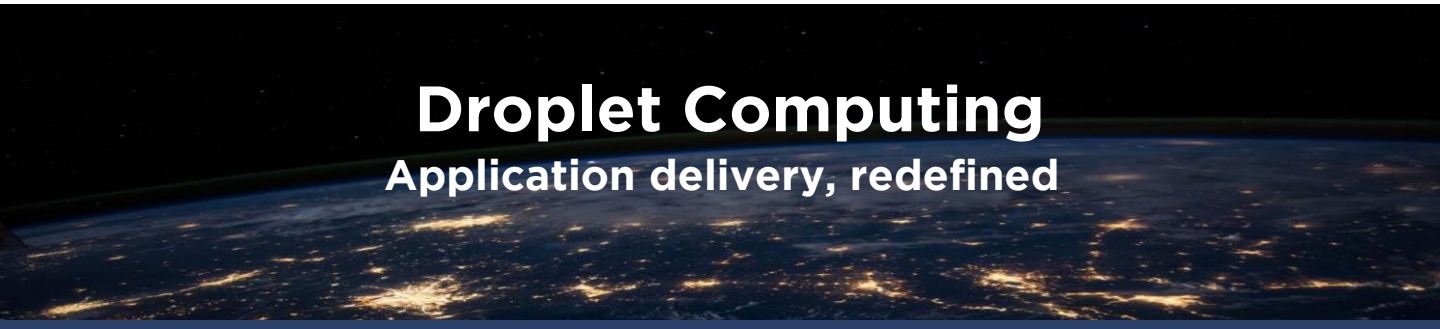


Droplet Computing

Application delivery, redefined

Enabling applications, both modern and legacy, to be delivered across multi-platform devices, either online or offline

Droplet Computing provides a software-based containerization solution that delivers secure containers to end point devices, such as Windows, Mac, Chromebooks, and Linux-based desktops and laptops, as well as cloud-based desktop services. The container allows you to install your applications into it, ensuring complete isolation from the device and the host OS upon which the container runs.

Containers are built by IT as easy to deliver gold or master images that contain the apps you want to deliver securely, such as legacy apps for example. Although referred to as legacy apps, typically these apps are still very much in production, however, they are often seen as a blocker to moving onto a new OS, delivering BYOD, or migrating to a cloud-based desktop platform.

Not to be confused with application virtualization, or any other form of VDI or app packaging solution, Droplet Computing containers allow you to deliver your apps without the need to package, virtualize, or sequence them using a third-party solution, or be bound by only delivering them to Windows end points. Your apps are now fully portable, and containers can run across multiple device platforms, both online and offline.

Droplet Computing containers do not modify the device. You simply install the Droplet Computing App along with the container image that has the apps installed in it. The apps inside the container are not modified in any way either. They are the exact same apps that you would use on any other device. For example, with Droplet Computing you can run the full Windows version of Microsoft Visio on a Mac, Chromebook, or Linux host machine, without needing to be online. The applications run exactly as your users are familiar with, and with all the features and functionality they need and expect to see.

Apps run natively, enabling features such as printing as well as being able to save documents, either saving them locally in the container, on the host machine, a mapped or shared network drive, or even using synchronized cloud storage services.

In summary, Droplet Computing containers enable you to run your apps across multiple device platforms, regardless of the operating system, either online or offline, delivering true app freedom.

Droplet Computing Containers example use cases

Redefining the delivery of applications

Operating system & application migration

Old OS's are still very much out there and continue to be used on a daily basis, even though they may well have gone end of life sometime ago. This means that security & patching vulnerabilities are a big problem, as the OS is no longer maintained.

This is key as there are still apps that have a dependency on that old OS, but you are stuck in the conundrum of new hardware not being able to run the old OSs, and apps will not run on a newer OS. Droplet Computing containers can solve this conundrum by containerizing the application and allowing it to run on the new OS, isolated and securely. For example, you may have an app that is dependent on an older browser, that in turn requires an old version of Java. Containerizing that app with Droplet Computing allows you to continue running the app securely.

Application portability

End users typically have to run "cut-down" versions of their apps as these are the only versions available for the particular device they want to use, often resulting in a compromised end user experience with the app just not being good enough, or in some cases there just isn't an alternative version, or they need to be connected to use it.

There is also the issue of compatibility with other platform versions of the same app where the documents you create on one platform do not open on other versions or change the formatting.

With Droplet Computing containers you can containerize these apps and deliver them across multiple device platforms regardless of the operating systems they are running. This enables end users to now use devices such as Macs, Chromebooks, or Linux PC's to run Windows apps, both legacy and modern.

Not only that, these apps will continue to work both online or offline.

Droplet Container App Editions

Windows application containers for multi-platform devices

Droplet Container App for Windows

With Droplet Computing containers for Windows, an organization can easily deliver their modern or legacy Windows applications to a modern Windows platform.

Simply install their apps into the container (no complex packaging required), and then deliver the container to the latest version of the Windows operating system, securely.

Droplet Container App for macOS

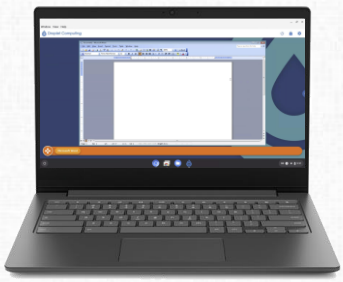
With Droplet Computing containers for macOS, an organization can easily deliver their modern or legacy Windows applications to a modern device running the macOS.

Simply install their apps into the container (no complex packaging required), and then deliver the container to the macOS, securely.

Droplet Container for app for Chrome OS

With Droplet Computing containers for Chrome, an organization can easily deliver their legacy and modern Windows applications to a Chromebook or Chromebox.

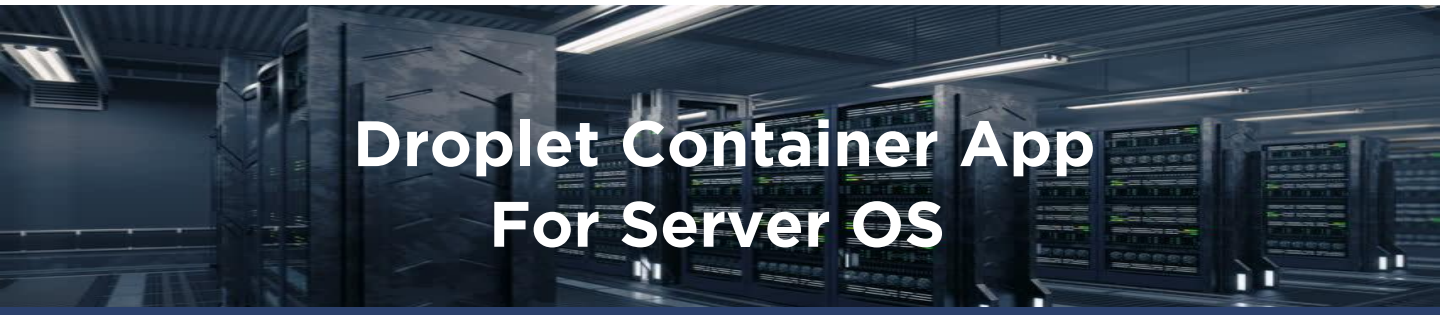
Simply install their apps into the container (no complex packaging required), and then deliver the container to the Chrome OS, securely.



Droplet Container app for Linux

With Droplet Computing containers for Linux, an organization can easily deliver their modern or legacy Windows applications to a modern device running a Linux-based operating system .

Simply install their apps into the container (no complex packaging required), and then deliver the container to the Chrome OS, securely.

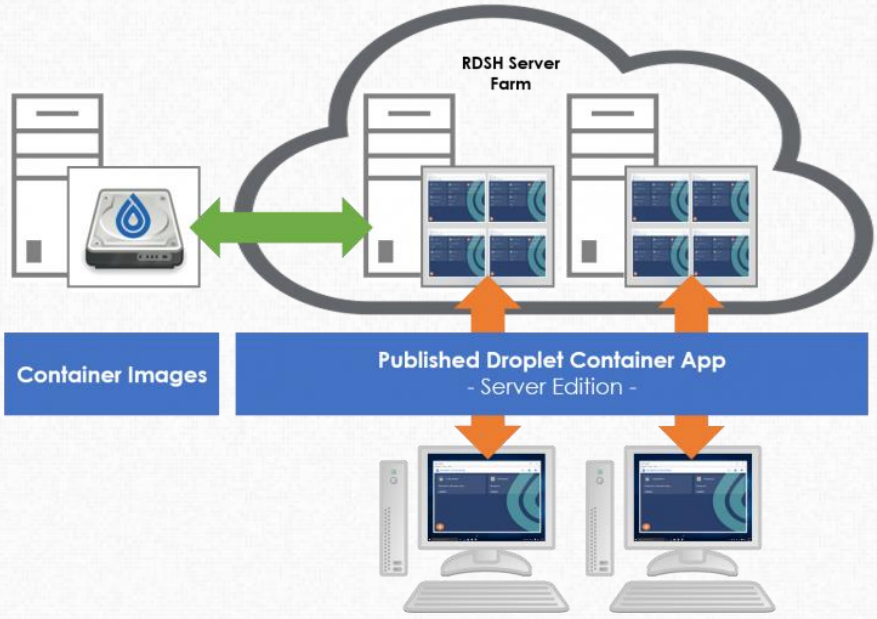


Droplet Container App For Server OS

Delivering legacy Windows apps using server-based application publishing solutions

Droplet Container App for Server OS

With the Droplet Computing Container App for server operating systems, an organization can easily take their business critical legacy Windows apps, install them into a container (no complicated packaging, sequencing, or virtualizing required), and deliver them to the end user by mean of publishing them from a server running an RDSH-based application publishing solution.



Typically modern app publishing platforms do not support legacy apps. Containerization enables an organization to move to the latest published apps platforms such as Citrix Virtual Apps, Horizon Apps, and other RDSH-based solutions. End users can then access legacy, modern, and other apps all delivered from the same platform.

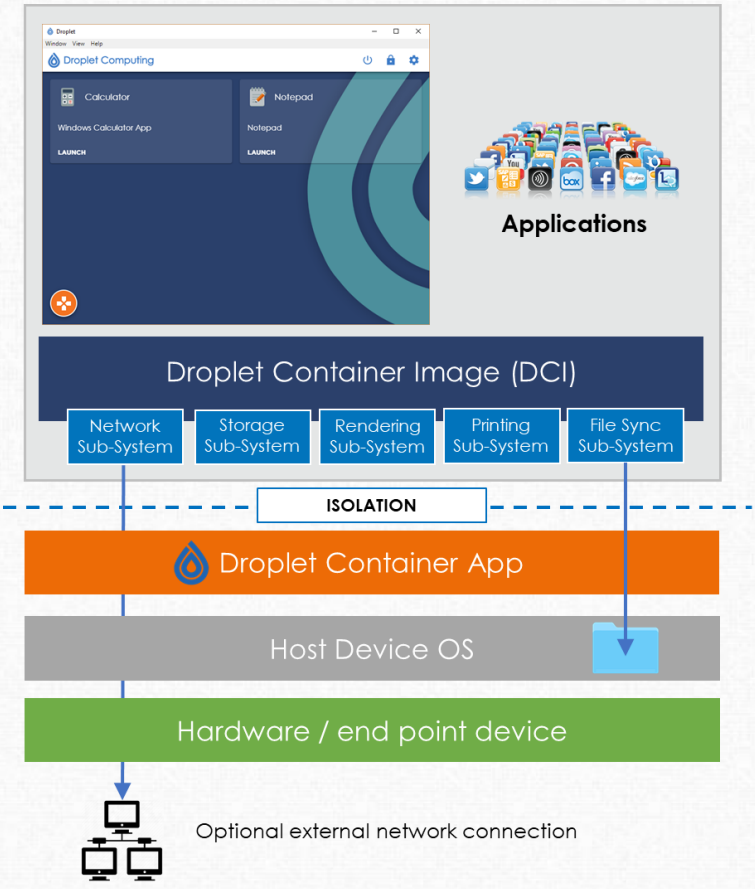
When running on RDS host servers, Droplet Computing containers require no additional infrastructure, as the containers run in the same way as any other applications would. All you need is a file server on which to store your ready-built container images ready for deployment to end users. The other advantage is that the container app and container image can be made available locally in the event of a network failure.

Droplet Computing secure by design

The Droplet Container App delivers an isolated and secure environment

Deliver isolated and secure applications

With Droplet Computing containers, apps are delivered completely isolated and secured away from the underlying OS of the device. This means that not only are the containers safe from attack (as tested by global experts in cyber security, NCC Group) containers are also portable across device platforms, without any change or update, enabling you to run your apps on different devices.



From an end user security perspective, users are presented with a secure and locked down workspace interface. The workspace allows them to launch their apps, via a tile system, and that's all they can launch. They have no access to the container run times, and files cannot be copied and pasted between the container and the host device.

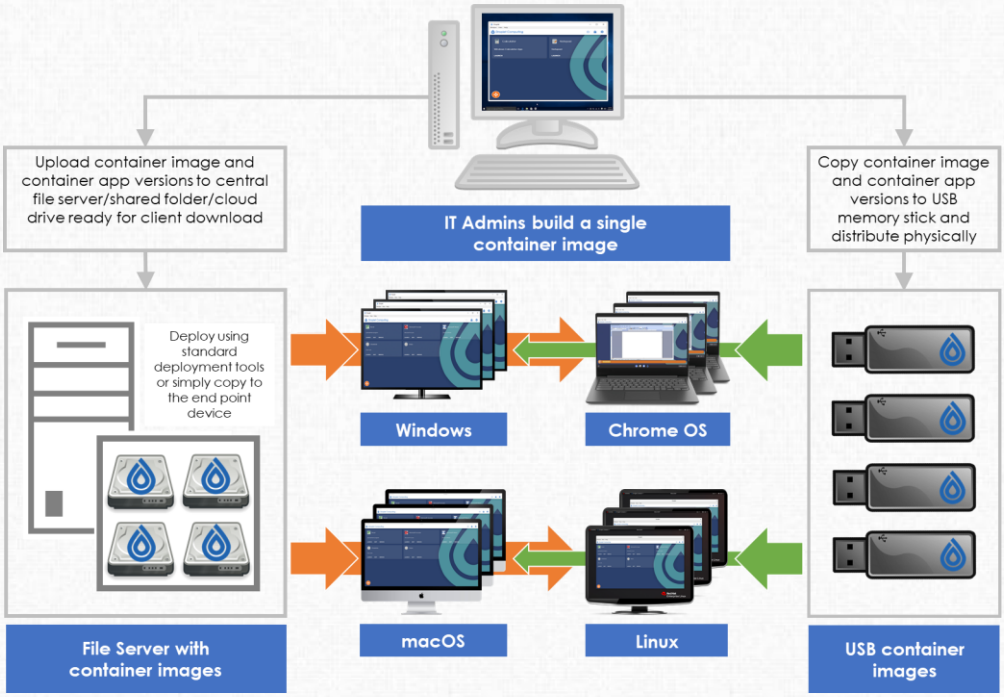
Build once, deliver to many, run online & offline

Enabling VDI style build and management for enterprise deployments and BYOD

Removing the complexity: Build once, deploy many

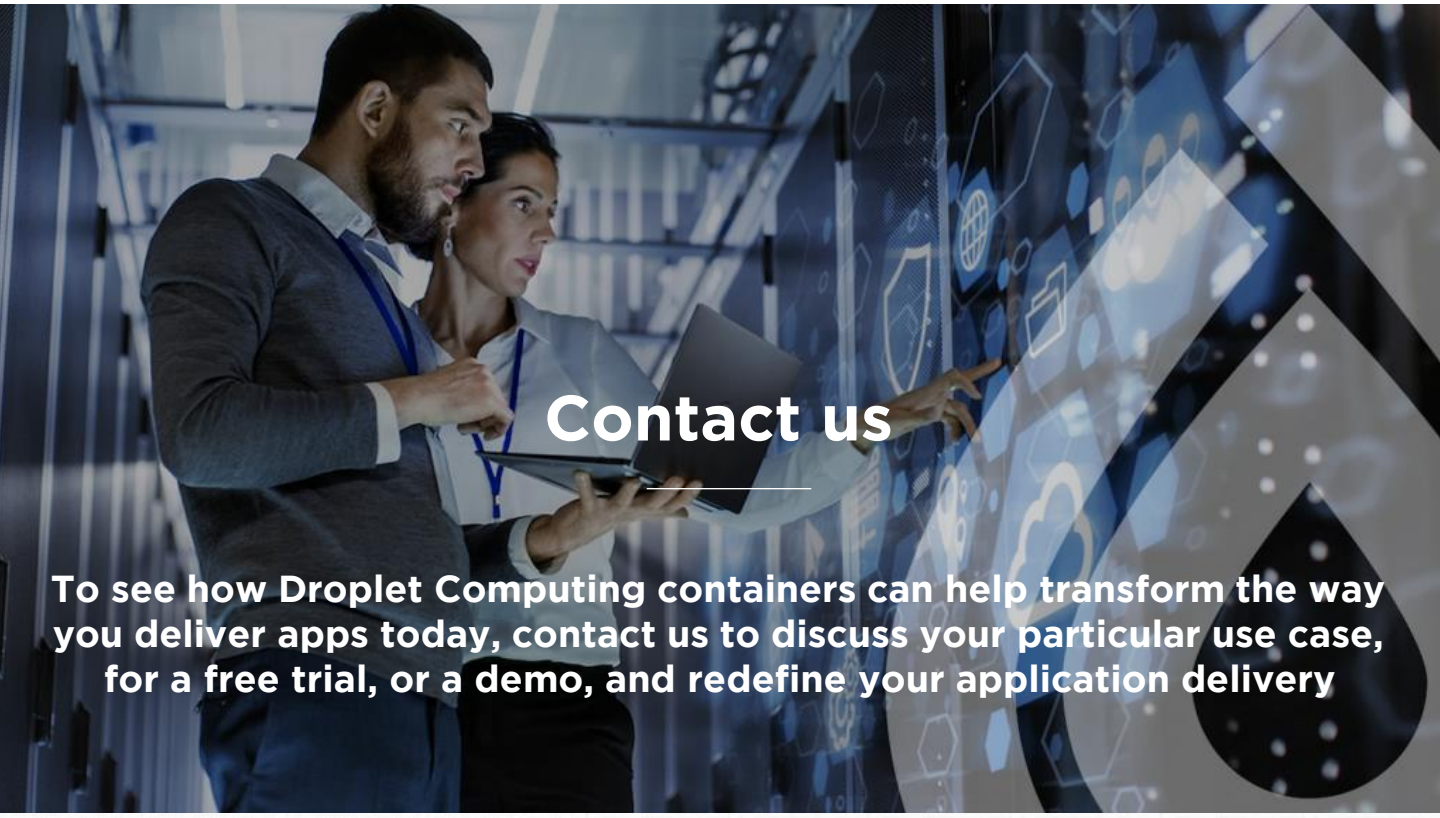
The Droplet Computing solution comprises of two parts; the container app and the container image file. Being just two files means that build and deployment is quick, simple, and requires no additional infrastructure.

Build a gold container image with your apps, and then deploy the container image, along with the app for the device type being used, and then simply launch the app on the end point, virtual desktop, or RDSH server.



For mass deployment in the enterprise, the apps that get exposed to the end users on the workspace interface as tiles are controlled by a small .json configuration file. This configuration file defines the apps and icons that are displayed to the end users and can be delivered via group policy. The container app can also be configured centrally using a simple settings configuration file which can also be centrally deployed.

If you want to quickly deploy apps (modern and legacy) to home workers and those that are also using their own device (BYOD), then you can easily copy the files onto a removable media device and physically distribute.



Contact us

To see how Droplet Computing containers can help transform the way you deliver apps today, contact us to discuss your particular use case, for a free trial, or a demo, and redefine your application delivery

About Droplet Computing

Droplet Computing develops innovative software solutions based on our patent-pending container technology which enables fully featured applications to run on multiple device platforms, such as Windows, Mac, Linux, and Chrome – even if the operating system on your device does not normally support those applications.

What makes our container solution different from other containers is that we do not require you to be connected to the Cloud to run your applications. Your applications run locally on your device online as well as offline.

Our solutions enable you to focus on being productive on the device of your choice without any loss of features, functionality, or familiarity.

Contact us

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