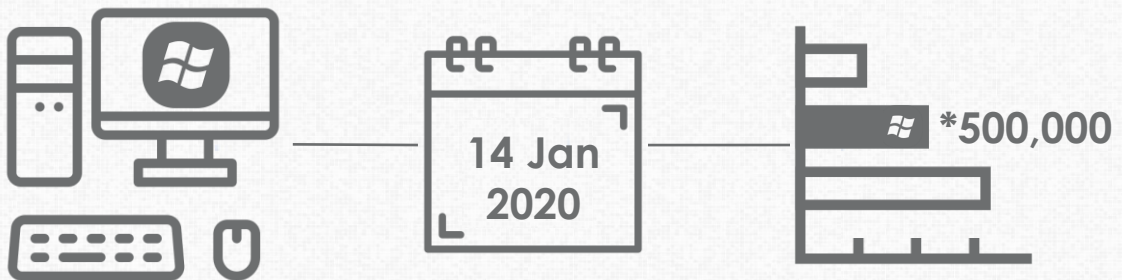



## Keeping critical healthcare applications alive, securely, and at a much lower cost

### Windows 7 in the NHS lives on, well past its end of life date

Did you know that, even though Microsoft Windows 7 went end of life on January 14, 2020, around half a million\* desktop computers in the NHS are still running Windows 7, unpatched and insecure?

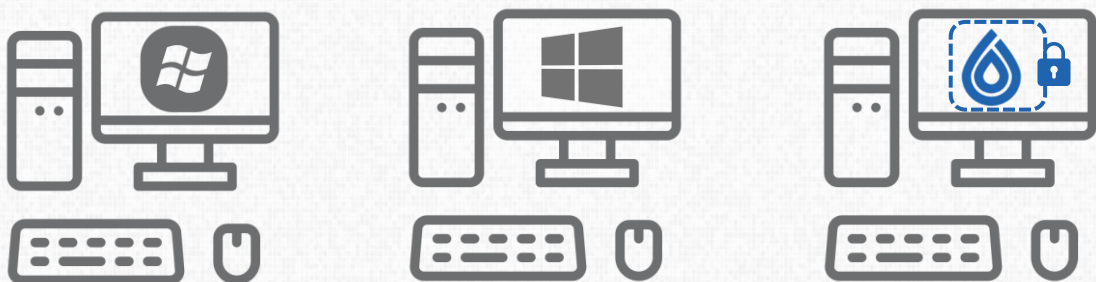


\* <https://www.techradar.com/uk/news/one-in-three-nhs-computers-still-running-windows-7>

Save  by running your Windows 7 apps on Windows 10, without refactoring, virtualising, or sequencing

Why is Windows 7 still used throughout the NHS? Simply because apps still need it to run as they won't run on Windows 10! This presents a big security risk by continuing to run on an unsupported OS.

**Droplet Computing negates that risk with app containerisation.**



**Win 7 + Apps:**  
No OS support,  
patches, or security



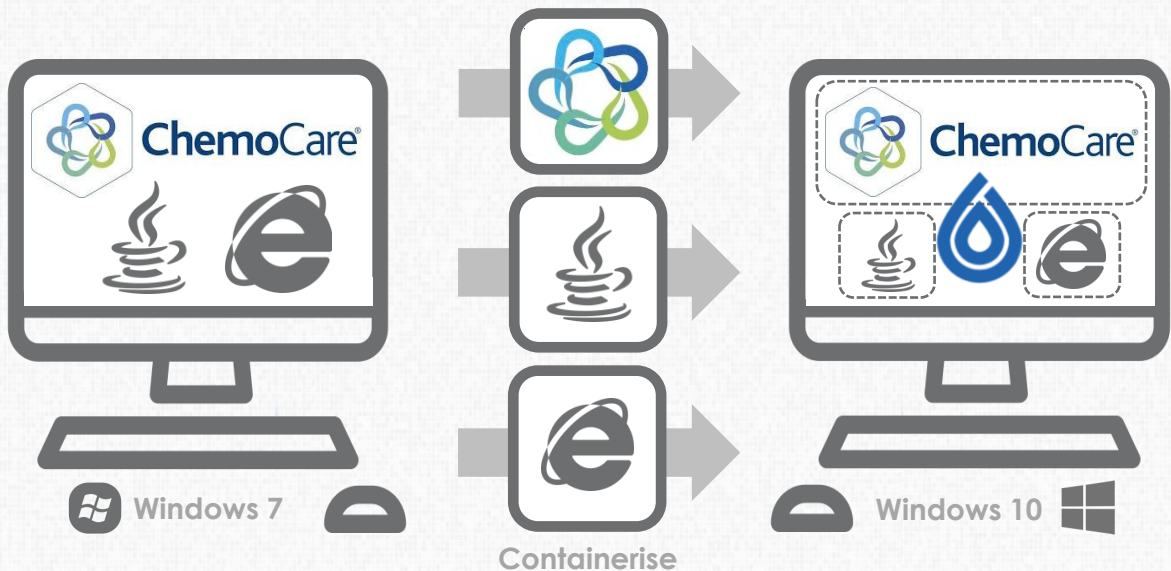
**Win 10 + Apps:**  
OS supported  
Apps no longer run



**Win 10 + Droplet:**  
OS supported  
Apps run securely

## Clinical apps delivered securely in Droplet Computing Containers

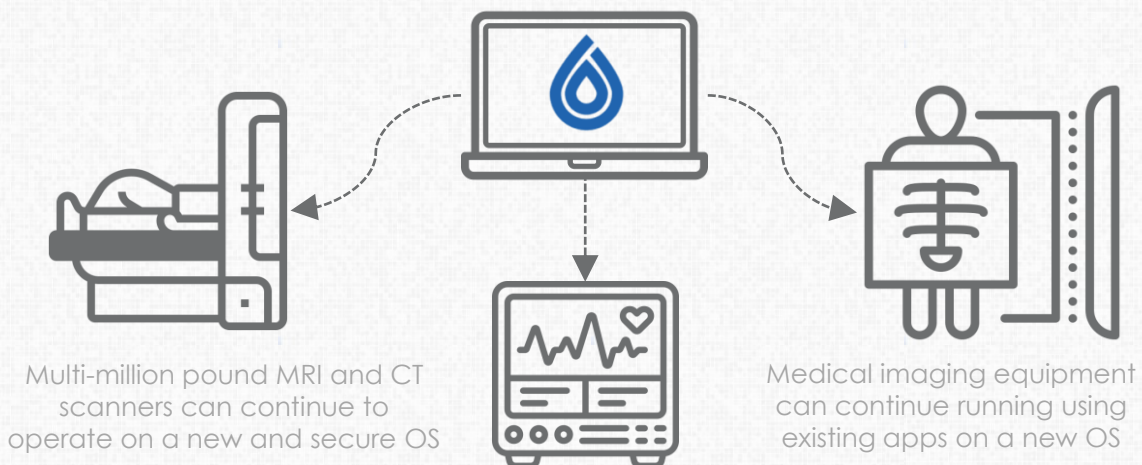
Software upgrades are not always available for a new OS, and if they are, the cost is usually in the hundreds of thousands of pounds. Droplet Computing containers allow you to take the current app versions and run on a new OS.



Droplet Computing containers enable clinical apps to be secured and then delivered to current Windows platforms, as well as non-Windows platforms.

## Ensuring the availability of critical clinical hardware

Many Windows 7, or even older computers, are often attached to expensive medical hardware devices such as MRI/CT scanners, x-ray machines, and other medical monitoring equipment.



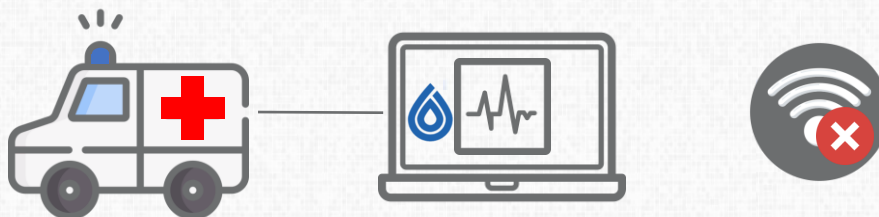
Containerising these apps with Droplet Computing containers allows your computers to continue working securely with all devices.

## Apps continue to run even without being connected

Delivering apps from the cloud is an option that is considered as a potential solution. But other than the huge infrastructure costs, what if there was no connection available? For example – in remote and rural areas.



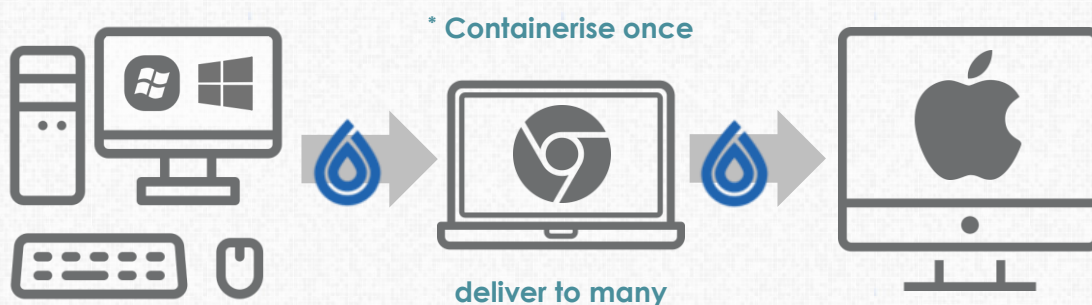
**Droplet Computing containers run locally, using the power of the local device and therefore do not need to be connected ...**



This approach not only significantly reduces the cost of infrastructure, but as your apps are now containerised, they can run on more cost-effective end point devices too

## Reduce the cost of hardware acquisition

You don't need to purchase new and expensive endpoint devices to take advantage of containerising your apps with Droplet Computing. Containers run across multiple platforms, and all without changing the app.

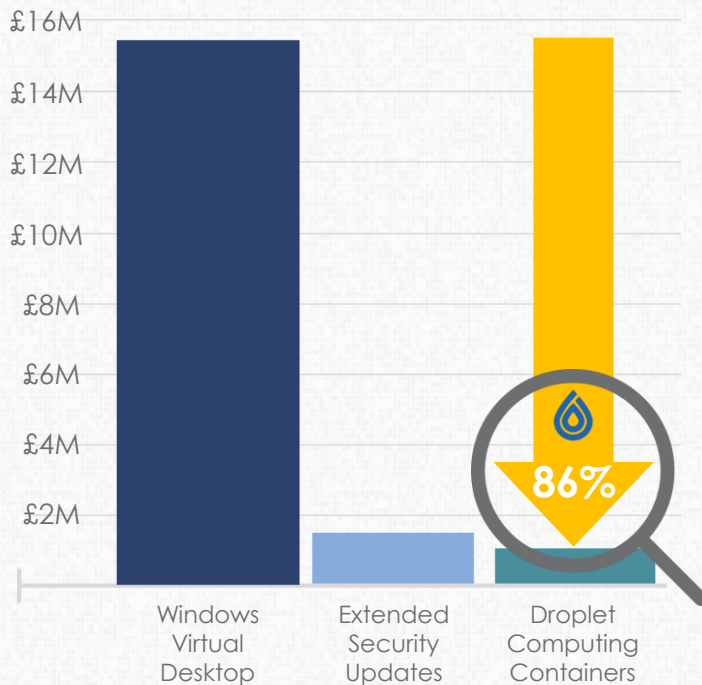


In fact, you could even repurpose your devices with an entirely different OS, such as Chrome OS, breathing new life into old devices, safe in the knowledge that you can still deliver your critical clinical apps regardless.

\*Containerising your apps is a simple case of installing them directly into the container. There is no need for complex sequencing, virtualising, or capturing

## Droplet Computing is the only significantly cheaper option

When compared to Windows Virtual Desktop (the only Win 7 solution supported) and Extended Security Updates, Droplet Computing is the more cost-effective solution.



On top of that, don't forget that ESU is **only a temporary fix** to allow you to continue as you are today. It doesn't take into consideration that you still need to migrate to Windows 10 and is still **20% more expensive than Droplet Computing** containers, which does enable the move to Windows 10.

The same is true of WVD, as that is just running Windows 7 in the cloud. You will still need to migrate to Windows 10, which, by the way, Droplet Computing enables too!

<sup>1</sup> The examples shown in the graph are based on 10K users, calculated over a 3 year period.

<sup>2</sup> Extended Security Updates and Droplet Computing Containers are both licensed perpetually.

<sup>3</sup> WVD example based 2 CPU, 8GB, and 256GB standard storage, calculated using the online Azure calculator

## Droplet Computing container technology is redefining the way the NHS deliver their critical, clinical applications

Containerising applications delivers numerous benefits. It allows Windows 7 apps to be securely migrated to Windows 10, and other device platforms, without the need for new or the refactoring of apps.

It works online and offline enabling remote working in those rural areas where there is little or no connectivity.

Above all else it delivers significant cost savings when it comes to deploying clinical apps, not only in acquisition, but in management costs and the lower infrastructure overheads.

### Droplet Computing - Keeping critical healthcare applications alive, securely, and at a much lower cost

To find out how we can keep your applications running, contact our dedicated healthcare team: [healthcare@dropletcomputing.com](mailto:healthcare@dropletcomputing.com)