



## Enabling Bring Your Own Device Working Policies with ThinScale ThinKiosk

Delivering Secure Working Environments

**THIN** KIOSK

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# INTRODUCTION

Bring Your Own Device (BYOD), sometimes also referred to as Bring Your Own Personal Computer (BYOPC), or Bring Your Own Technology (BYOT), refers to a corporate enterprise organisation having a working policy that allows its employees to bring their personally owned devices, such as laptops, tablets, and smart phones, into the corporate working environment to be used on a daily basis by the end users in performing their job roles.

These user owned devices are then used to connect to, and access privileged company information, applications, and systems.

Deploying a BYOD type working policy has many advantages, especially when an organisation has a remote desktop or remote application solution in place. For one, an organisation can reduce the capital expenditure costs of having to purchase devices for each of its users, as well as giving the users the freedom to choose the device that best suits their individual requirements.

But herein lies the problem. How does the IT department ensure that the device is secure and isn't going to compromise data security? From the users perspective, they won't want the IT teams to take control of their personal device, and manage their personal content by installing intrusive agents.

The solution is ThinKiosk and its ability to deliver a secure, policy driven, segregated environment on Windows-based devices. ThinKiosk allows end users to switch between their personal environment and their corporate environment, securely, and without the need to reboot, dual-boot, or boot from an external USB device.



## Enabling BYOD with Secure Remote Worker

With the Enterprise Plus Edition of ThinKiosk comes a feature called **Secure Remote Worker**. Secure Remote Worker when enabled, allows the end user to still have full access to their local PC, so when they logon, they still have a start menu and full access to their resources and applications. When ThinKiosk is launched, and the end user switches to Secure Remote Worker, the PC is placed into "worker" mode whereby lock down polices are applied, Windows Explorer is removed and the ThinKiosk workspace user interface is launched. When Secure Remote Worker is switched off, and ThinKiosk is then closed, all of the device restrictions are lifted and the end user has full control of their local PC again.





## How does Secure Remote Worker Deliver BYOD?

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## Secure Remote Worker Features for BYOD



### ENABLE SECURITY FOR BYOD

When Secure Remote Worker mode is enabled, by launching the ThinKiosk client on the PC, access to the underlying Windows operating system is disabled. Instead, an end user will now see the ThinKiosk secure workspace, a simple, easy to navigate interface from where they can connect to their remote environments, as well as access local apps if they have the relevant permission from IT to do so.



### DELIVER BYOD POLICIES & PROFILES

With Secure Remote Worker mode activated, and end users “driving” their PC using the ThinKiosk secure workspace, and not the underlying Windows interface, IT departments can simply manage which remote environments and local applications users can launch and access using centralised ThinKiosk profiles, delivered from the ThinScale Management Platform, executed either online or offline.



### LOCATION AWARENESS

Typically when users bring their own devices, they will also work from other office locations, or from home. How do you now manage how end users connect to the right environment from wherever they are working from?

ThinKiosk has location awareness fully integrated, meaning it’s contextually aware when it comes to the locations from which end users are connecting from, enabling truly mobile working.



### FAMILIAR END USER EXPERIENCE

The user experience is key to end user productivity. Secure Remote Worker enhances the user experience by delivering a familiar Windows-like user interface with easy access to remote environments.

Another unique feature is **Magic Filter**, a dynamic key press pass-through feature that traps local Ctrl + Alt + Del and Windows + L keystrokes and passes them directly to the remote environment, just as if the user was working locally on their device.



# Secure Remote Worker Features for BYOD



## CENTRALISED MANAGEMENT & UPDATING

ThinScale's Management Platform provides centralized configuration and management of all your ThinKiosk devices, ensuring that all your remote devices are up to date and running the latest configurations.

IT can also ensure that the ThinKiosk Client software is running the latest third party software versions, by centrally updating applications such as the VMware Horizon Client, or Citrix Receiver.

They can also deliver and update policies ensuring that end users only have access to the systems they are granted access to from within their ThinKiosk Secure Workspace.



## URL MANAGEMENT & SECURE BROWSING

Secure Remote Worker delivers an integrated, secure web browser, which allows end users to securely browse the internet based on a central policy set and managed by IT.

When working from multiple different locations the complexity of switching between internal and external networks, and which URL a user needs to open to connect to their remote environment, now becomes completely transparent.

If you have publicly accessible PC's in your environment, you can easily manage Internet browsing, or lock them to internal sites only.



## FAST & EASY DEPLOYMENT

Deploying ThinKiosk couldn't be simpler as it's just another Windows application IT can deliver using their standard processes for application delivery, or an end user can easily download, and install the ThinKiosk application from a central location. Once installed it's then just a case of launching the ThinKiosk application.

Once launched, an end user simply switches to Secure Remote Worker mode, with no need to reboot, have a dual-boot environment, or plug in a USB stick to access their secure environment.

For IT, ThinKiosk being managed centrally means that all policies and settings are pre-integrated and ready to go immediately.



## SIMPLIFIED ACCESS TO REMOTE RESOURCES

ThinKiosk integrates seamlessly into your remote desktop and remote application environments enabling end users to quickly connect and launch virtual desktops, remote desktop session or remote application sessions.

ThinKiosk and Secure Remote Worker already contain an end users configuration and policy files for connecting to remote environments integrated directly into the ThinKiosk secure workspace. This allows different environments to be displayed as icons within the workspace user interface.

Depending on policy, end users could also have access to locally installed applications.



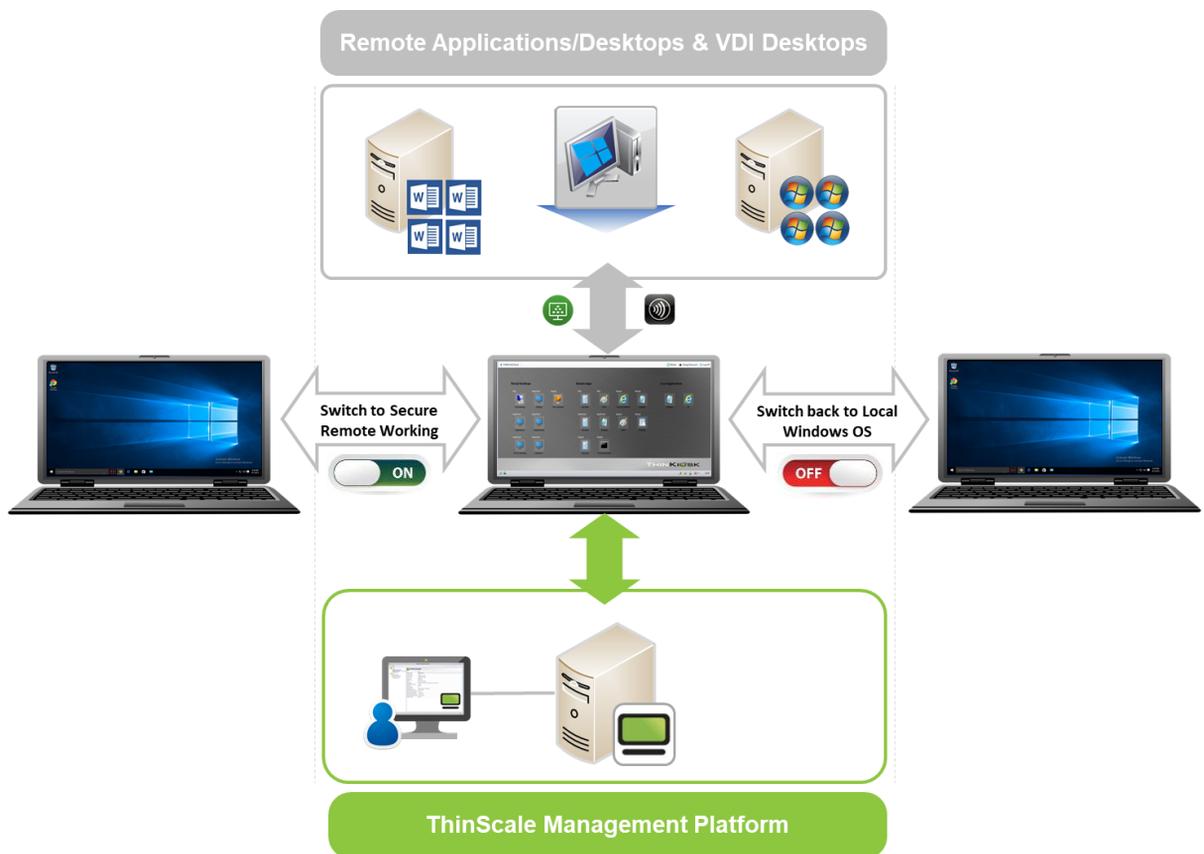
## How does Secure Remote Worker Work for BYOD ?

When an end user decides that they need to access a virtual/remote desktop or remote application from within their corporate environment, using their own device, they first launch the ThinKiosk application on their Windows device. The ThinKiosk application takes just a few minutes to install, and would typically be downloaded when the user was in the office or when connected to the corporate network.

With ThinKiosk installed, and when an end user switches to Secure Remote Worker mode, they are logged out of their current Windows session on the local device, and logged into a local ThinKiosk account on the same device. Perfect for machines that will not be domain connected. The ThinKiosk Secure Remote Worker policies are applied, Windows Explorer is removed and the ThinKiosk Secure Workspace UI is launched in its place.

The ThinKiosk Secure Workspace is simple and easy to use, maintaining that familiar Windows look and feel. Users are still able to configure which networks they connect to, along with keyboard configurations and other customisations. Within the workspace they will find all their icons for connecting to their remote environments – all preconfigured by IT, and ready to launch.

When they have finished working on their remote environment the end user simply logs out, which essentially switches off Secure Remote Worker mode. They are logged out of the secure environment and returned to their local Windows session, where they can log in again and continue working on the local device.



## Why Deliver BYOD with Secure Remote Worker ?

ThinKiosk is the only Windows-based solution available today that delivers an application that allows users to seamlessly switch between environments to securely connect to their remote corporate environments without having to dual-boot, or boot their PC from an external USB device. Enabling end users to 'bring' their own Windows PC's into the workplace empowers organisations to move to, and deliver, BYOD working initiatives.

Enabling Secure Remote Worker moves this to the next level, giving end users an enhanced, yet simplified user interface, allowing them to remain productive. At the same time IT can confidently allow access to corporate remote environments, knowing that the devices being used are running within a secure, locked-down environment.

## CONTACT US ...

ThinScale Technology  
The Media Cube  
Kill Avenue  
Dún Laoghaire  
Co. Dublin, A96 X6X3  
Ireland



ThinScale creates solution driven products that meet the challenges in the Windows based Thin Client Software, Desktop Virtualization, VDI & Server Based Computing space.



US: +1 516 321 1774



IE: +353 1906 9250



NL: +31 203 690 475



UK: +44 203 854 0944



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[sales@thinscale.com](mailto:sales@thinscale.com)



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