

Desktop Containers

Micro Focus Desktop Containers helps you reduce the cost and complexity of keeping desktop applications functioning by using containerization to separate application from operating system. Reduce conflicts, support legacy applications, and empower remote users working with unmanaged devices.

Product Highlights

Micro Focus Desktop Containers allows you to quickly and intuitively package desktop applications into standalone executables or containers that can be run on any Windows 7 or higher device. These applications can then be deployed via the included web portal, your existing software distribution tool, or even put on a USB stick and handed out. Imagine packaging an older version of a web browser, with the necessary Java and Flash components for your web application in just minutes. Compare that to testing a new server application, deploying the application on the server, retraining your end users and rolling out new components to the end users. With Desktop Containers you can also easily restrict the browser to only interface with the specific application in the data center, protecting your user from the known vulnerabilities.

The Micro Focus Desktop Containers Application Streaming Add-on allows you to embrace the new work from anywhere model that has become a necessity today. This add-on allows you to quickly deploy your core business applications to your users that are now working or learning at home or out of the office, often on unmanaged, personally owned equipment. By leveraging a Windows Remote Desktop Services farm and Micro Focus Desktop Containers you can enable a robust, secure desktop application streaming experience on Windows, Mac, iOS, Android, Linux, Chromebook and other platforms with an

HTML5 capable browser all at a fraction of the cost of a VDI installation and without much of the management overhead of a Citrix

Key Benefits

Micro Focus Desktop Containers is a full-service application containerization solution that allows you to package, customize, deploy and update your applications. With the Application Streaming add-on you also have the ability to extend those benefits to remote devices, personally owned devices and non-Windows systems. Desktop Containers with the Application Streaming Add-on you address the following challenges.

- Deliver your core business applications as standalone packages, eliminating conflicts and making it easier to upgrade or downgrade applications.
- Run legacy applications on new Windows operating systems, including Windows 10.
- Leverage containerized browsers to provide access to legacy web applications that require NPAPI plug-ins, Java, Flash or other legacy technologies.
- Run legacy applications side-by-side with their more modern equivalents.
- Test beta or newly released versions of applications without impacting the installed version.
- Embed frameworks required by applications, such as .NET, MSCVRT and Java, into the application so that you don't need

System Requirements

For detailed product specifications and system requirements, visit the [Micro Focus Desktop Containers Support Site](#)

to worry about whether it is present before deploying the application.

- Reduce the planning and testing process normally associated with software packaging and deployment.
- Comply with software rollback and contingency plans.
- Make containerized applications with set expiration dates available to contractors, students, or temporary workers.
- Make applications available to non-managed devices quickly and easily with Micro Focus Desktop Containers Server.
- Run containerized applications on non-Windows machines with Application Streaming.
- Run containerized applications on personal owned devices without leaving data with Application Streaming.

Key Features

Micro Focus Desktop Containers these benefits by provide functionality to package, customize, deploy, update and stream your applications. These capabilities include:

Package

- **Pre-packaged Applications and Components.** Easily package many common applications and frameworks (Java, .NET, etc) by leveraging the Turbo.net Hub repository of pre-packaged applications. Mix and match browser, plugins, and more to give you a head start.
- **Powerful packaging.** Snapshot or Installation Monitoring package methods to make it easy to capture your applications and quickly turn them into isolated containers.
- **Scriptable packaging.** Command-line packaging capabilities allowing you to script packaging and publishing of packages to your Micro Focus Desktop Containers Hub.

- **Internal packaging.** Intuitive GUI for internal developers that want to build their own containerized applications manually, instead of traditional PC installers.
- **Standalone executables.** Package everything a user needs to run the application on any Windows machine into a single executable.
- **Portable executables.** Package applications so that the Turbo.net client is included with the application, facilitating application licensing, automatic updates, and sandbox synchronization when used in conjunction with the Micro Focus Desktop Containers Server.

Customize and Secure

- **Network security.** Build in limitations to your containers to allow the containerized application to only access specific hosts to protect the application and the user.
- **Proxy support.** Force all network communication to transmit through an HTTP or SOCKS proxy to further secure the application's communication.
- **Name redirection.** Redirect network names in the application to specific IPs, effectively implementing an embedded HOSTS file for the application.
- **Application expiration.** Provide the application to the user for a specified period of time, and then have it expire on a certain date or after a number of days.
- **Limit access.** Limit containerized application access to members of specific Active Directory groups.
- **Isolate.** Control the isolation at the application, file or registry key level to limit what the application has access to read from or write to on the host.
- **Storage Visibility.** Limit the drives that the user can see when they are running the application so that they can save only to desired paths.

- **T: Drive.** Define OneDrive or Dropbox corporate storage as a mapped drive available in the application so that data can be opened from or saved to that storage.
- **Read-only environment.** Optionally, prevent users from making any changes to the virtual environment.
- **Isolate the clipboard.** Prevent application data from being copied from the containerized application.

Deploy

- **Micro Focus Desktop Containers Server.** Provide a simple application portal to any device that gives the user access to their applications. No other software distribution solution required.
- **Multi-Factor Authentication.** When using Micro Focus Desktop Containers to deliver the application, leverage Azure AD or SAML 2.0 to provide authentication. Leverage the included NetIQ Advanced Authentication Limited Edition license to immediately increase the security of your application deployments.
- **License enforcement.** Restrict how many total or simultaneous users or devices can be accessing the containerized application.
- **Natural end user interaction.** Containerized applications can be as integrated or as separate as you want them to be. When an application is registered with the local desktop, clicking on a registered file type or shortcut launches the containerized application.
- **Application usage tracking.** See who is using an application, from what devices, and for how long.
- **Leverage your existing management solution.** Package applications and distribute them with your existing tool to any device running your existing management agent.

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- **Runtime customization.** Customize packages to run with different settings on execution from the Micro Focus Desktop Containers server. Need to run two instances of Firefox but have different version of Java? Simply publish them to your workspace and customize the application settings to use the right version of Java while maintaining only a single Firefox app.
- **Application Profile Synchronization.** Automatically synchronize the change a user makes while in the application so that they follow the user from one session to the next.

Update

- **Simplified upgrades.** When using Portable Applications or Micro Focus Desktop Containers Server as your distribution method the user always gets the latest version of the application you make available to them.
- **Conflict free.** Run multiple versions of the same application or conflicting applications side by side.

Stream (Requires Application Streaming Add-on Subscription)

- **Work from anywhere.** Provide containerized applications to any device that has a Turbo.net client (Windows, iOS, Android or Mac) or an HTML5 enabled browser.
- **Load balancing.** Native load balancing to distribute the application load across your Remote Desktop Services farm.
- **Application profile synchronization.** Application profile data follows the user from their local executions to their streamed executions and vice versa ensuring the user always has their custom settings if allowed by the administrator.
- **Cost effective.** Deliver the experience at a fraction of the cost of a full VDI deployment.
- **Improved resource usage.** No need for multiple copies of Windows like VDI. Also through shared memory usage and deduplication scaling is typically higher than a standard VDI or presentation virtualization implementation.
- **Easy.** Simple to setup and manage.