

Quick Start Guide

SECURE VDI PORTAL



Xyberis Ltd

<https://xyberis.com>

info@xyberis.com



Notes, cautions and warnings¹

¹ © 2023 Xyberis. All rights reserved. Trademarks may be trademarks of their respective owners.

Index

Secure VDI Portal	4
Installation:	4
Local Installation	4
Central Installation	5
Configuration (example svp.ini):	6
[Mode]	6
[Web].....	6
[App]	6
[Menu]	7
[Visible]	7
[Settings]	7
Example Configuration:.....	8
[Mode]	8
[Web].....	8
[App]	8
[Menu]	8
[Visible]	8
[Settings]	8
Command Line Options:.....	9
Mode Selection:	9
Examples:	9
Usage:.....	9
Other Tools:.....	10
Quick Steps.....	11
Support:	11
Contact Information:.....	11

Secure VDI Portal

Secure VDI Portal (SVP) is a versatile application that acts as a replacement for the Windows Desktop, providing seamless access to a Virtual Desktop Infrastructure (VDI) environment. This guide will help you set up and configure SVP via its configuration file (**C:\Xyberis\SVP\svp.ini**) to access a VDI environment using an integrated web browser or launch VDI client applications such as VMware View or Microsoft RDP.

Installation:

1. **Download and Install:** Obtain the Secure VDI Portal application and install it on your system. Ensure the configuration folder is located at the designated directory (**C:\Xyberis\SVP**). We recommend using the standard installation locations.
2. **Configuration File:** Open the **svp.ini** configuration file located at **C:\Xyberis\SVP** in a text editor to customize the settings for your environment.

Local Installation

Place the files named "SecureVDIportal.msi" and "Setup.exe" into the designated (Downloads) folder.

Launch the setup.exe file and proceed according to the provided instructions. (It's advisable to continue using the suggested folders as recommended.)

Installing for All Users:

The architecture of Secure VDI Portal (SVP) necessitates the utilization of two distinct user accounts: an elevated administrative user for initial setup and a separate locked-down kiosk user. In accordance with this design, ensure that the application is installed for all users, which is the default configuration.

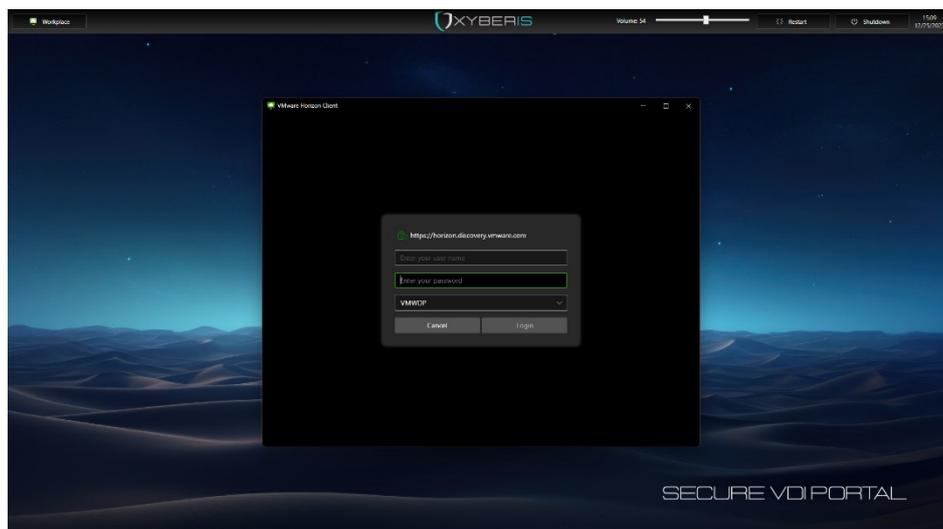


Figure 1: Xyberis Desktop for VMware Horizon View

Central Installation

To achieve a comprehensive central installation, three essential actions are required:

1. Secure VDI Portal Application Installation
2. Kiosk User Creation
3. Kiosk User Lockdown

Using a variety of management applications, execute the following command lines in this specified order:

1. Initiate the installation of SecureVDIportal.msi using the "/q" or "/qn" install parameter (without including double quotes).
2. Execute SecureSVPuser.exe located at C:\Program Files\Xyberis\Secure VDI Portal\Tools\, utilizing the install parameter "user name" (remember to include double quotes if the username contains a space). **Important(!):** Wait for the file "SecureSVPuser.log" to appear in the "C:\Xyberis" folder.
3. Perform a system reboot after 30 to 60 seconds (it's crucial for the new user to log in and establish the Windows™ environment).
4. Launch, as the newly created user(!), LockSVPuser.exe found at C:\Program Files\Xyberis\Secure VDI Portal\Tools\ without any install parameters, after the reboot has been performed and the new created kiosk user has logged in automatically.

Using a wide range of management applications, the following command lines should be executed and also in this order:

1. Launch SecureVDIportal.msi with the install parameter "/q" (quiet) or "/qn" (quiet, no reboot). Exclude the double quotes.
2. Launch C:\Program Files\Xyberis\Secure VDI Portal\Tools\SecureSVPuser.exe with the install parameter "user name" (include the double quotes when using a space)
3. Delay 30 to 60 seconds or await the SecureSVPuser.exe and then reboot the System (important that the new user logs in and creates the Windows™ environment)
4. Launch, as the newly created user, C:\Program Files\Xyberis\Secure VDI Portal\Tools\LockSVPuser.exe without install parameters

Configuration (example svp.ini):

The pivotal aspect in configuring the Secure VDI Portal lies within the svp.ini files situated within the C:\Xyberis\SVP directory. These files dictate crucial elements like the mode (App or Web), configurations for both Web and App functionalities, designated menu items for display, and the chosen language settings.

[Mode]

Select the mode of operation:

- **Mode = Web:** Provides a secure web browser interface.
- **Mode = App:** Sets up a portal for a specific VDI application (e.g., VMware Horizon View or Microsoft RDP).

[Web]

Settings for the Web Browser mode:

- **URL:** Specify the URL for the web browser.
- **Icon:** Define the icon for the web browser portal.
 - **CTX** for Citrix, **RDP** for Microsoft Remote Desktop Protocol (RDP), **VMW** for Vmware, **WIN** for Windows, **EDG** for Microsoft Edge and **WEB** for a Web icon.

If no icon is specified, a white monitor icon will be used.

[App]

Settings for the VDI Application mode:

- **Application:** Path to the VDI application executable.
- **Arguments:** Command-line arguments for launching the VDI application.
- **Autostart:** Set to "Yes" to enable automatic startup of the application.
- **Icon:** Define the icon for the VDI application. Supported built-in icons include:
 - **CTX** for Citrix, **RDP** for Microsoft Remote Desktop Protocol (RDP), **VMW** for Vmware, **WIN** for Windows, **EDG** for Microsoft Edge and **WEB** for a Web icon.

If no icon is specified, a white monitor icon will be used.

- **Wallpaper:** Specify the filename for the background wallpaper used in the Application Portal. Ensure the wallpaper file is copied into the **C:\Xyberis\SVP** folder.
- **AfterSession:** Specify the desired course of action upon application closure. Choose from Logoff, Restart, Shutdown, Relaunch or leave it blank for no action.

[Menu]

Customize option names for Workplace, Restart, and Shutdown buttons.

[Visible]

Toggle visibility settings for Back, Forward, Refresh, Workplace, Volume, Restart, and Shutdown options.

[Settings]

Choose the language for buttons and user interaction from available language options: DE, EN, ES, FR, IT, NL. DE = German, EN = English, ES = Spanish, FR = French, IT = Italian, NL = Dutch.

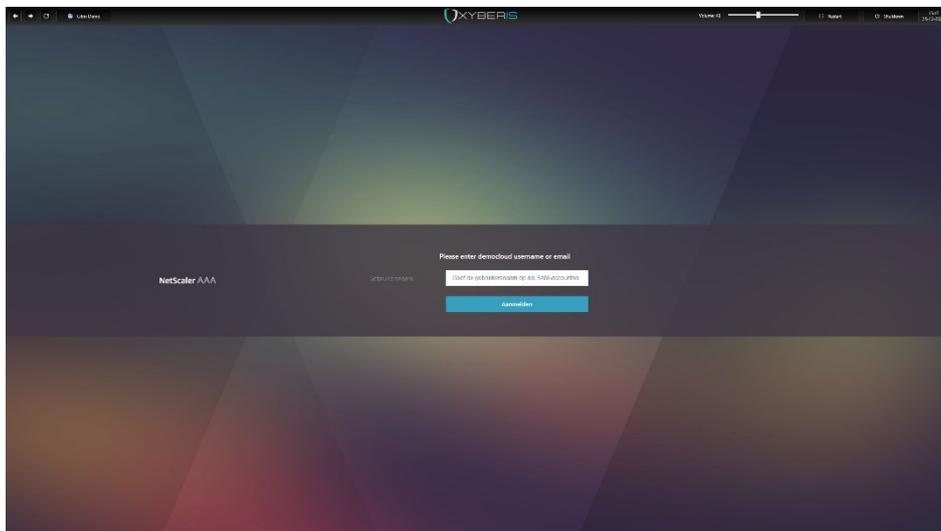


Figure 2: Xyberis Desktop for Citrix Storefront

Example Configuration:

Below is an example of the `svp.ini` file that establishes two demonstration connections — one to a Citrix environment and another to a VMWare Horizon View setup. The command line options facilitate a seamless switch between these two environments.

[Mode]

Mode = App

[Web]

Name = Citrix Demo

URL = <https://democloud.cloud.com>

Icon = CTX

[App]

Name = VMWare Demo

Application = C:\Program Files\VMware\VMware Horizon View Client\vmware-view.exe

Arguments = -serverURL horizon.discovery.vmware.com -desktopName TD-WINDOWS11 -
desktopProtocol Blast -domainName=VMWDP -desktopLayout multimonitor -singleAutoConnect -
hideClientAfterLaunchSession

Autostart = Yes

Icon = VMW

Wallpaper = wp8.jpg

[Menu]

Workplace = VDI Demo

Restart =

Shutdown =

[Visible]

Back = Yes

Forward = Yes

Refresh = Yes

Workplace = Yes

Volume = Yes

Restart = Yes

Shutdown = Yes

[Settings]

Language = EN

Command Line Options:

Mode Selection:

- Use **-a** or **-app** to launch in App Mode.
- Use **-w** or **-web** optionally followed by a URL (e.g., **-w https://democloud.cloud.com**) to set the URL under **[Web] URL =**.

Examples:

svp.exe -a or svp.exe -w <https://democloud.cloud.com>

Usage:

1. **Launch SVP:** Execute the Secure VDI Portal application.
2. **Interact with Workplace:** Access the configured VDI environment through the integrated web browser or launch the specified VDI application.
3. **Customize Interface:** Use the provided settings in the **svp.ini** file to tailor the interface and functionality according to your preferences.
4. **Explore Features:** Utilize the Back, Forward, Refresh, Volume, Restart, and Shutdown options based on the visibility settings and customized names as specified in the configuration file.
5. **Wallpaper Setting:** Specify the filename for the background wallpaper in the **[App]** section. Ensure the wallpaper file is present in the **C:\Xyberis\SVP** folder for it to be used as the background in the Application Portal.

The Secure VDI Portal offers a user-friendly and configurable interface to seamlessly access your VDI environment or specific applications, enhancing your workflow efficiency. Adjust the settings in the **svp.ini** file as needed to suit your requirements, or use command-line options to quickly configure the application's mode and URL.

Other Tools:

Attention! Our Tools are provided “as is” and should be used with great caution! Most of the tools below are used to lockdown a system and if other changes are or have been made to the registry already, then this could result in a Windows™ device that becomes no longer accessible for administrative tasks. Please use carefully!

To support creating a Windows Kiosk User for the Secure VDI Portal, additional applications are provided in the C:\Program Files\Xyberis\Secure VDI Portal\Tools folder.

Collector.exe	The Collector.exe is utilized by the newly generated user through SecureSVPuser. It should not be independently executed, as it generates additional entries for multiple files within the C:\Xyberis\SVP\Config directory.
DisableOOBE.exe	Disables the OOBE Windows experience for Windows 10 and 11 computers when logging on for the first time.
EnableOOBE.exe	Enables the OOBE Windows experience for Windows 10 and 11 computers when logging on for the first time.
LockSVPuser.exe	LockSVPuser.exe will lock down the current user and enable Secure VDI Portal as the Windows™ Shell replacement. Requires Administrative privileges, but should only be run when the Kiosk User is logged in.
SecureSVPuser.exe “[User Name]”	SecureSVPuser is an all-encompassing application responsible for generating and configuring an autologin for a new restricted user without a password. Additionally, it establishes a Task for gathering user information. It is advisable to consistently enclose the username in double quotes, despite the possibility of adding a name without spaces without this precaution. Should only be run by the Administrator!
Sergen.exe	Generates the Serial Number of the device in the C:\Xyberis folder in the file serial.
UnlockUser.exe [“Username”]	The Unlockuser.exe "Username" utility is designed to unlock and deactivate autologin for the specified Username. An Administrator should execute this when the specified User is not logged in.
VMwareDisableShade.exe [“Username”]	Disables the menubar in VMware Horizon View for that user. An Administrator should execute this when the specified User is not logged in.
VMwareEnableShade.exe [“Username”]	Enables the menubar in VMware Horizon View for that User. An Administrator should execute this when the specified User is not logged in.

Quick Steps

Here are the simplified steps to utilize the command line applications located in the C:\Program Files\Xyberis\Secure VDI Portal\Tools folder, after the installation of Secure VDI Portal:

1. Execute SecureSVPuser.exe with the command "Xyberis Kiosk" (Replace "Xyberis Kiosk" with your desired username).
2. Monitor for the appearance of the log file SecureSVPuser.log in the C:\Xyberis directory.
3. Reboot the computer (e.g., use the command "Shutdown /r /t 00").
4. Wait for the successful creation of the new user, which should log in automatically.
5. Now, logged in as the user: Access the C:\Program Files\Xyberis\Secure VDI Portal\Tools folder and launch LockSVPuser.exe (administrative privileges required).
6. Reboot the computer (e.g., use the command "Shutdown /r /t 00") to evaluate if the Windows™ Explorer Shell is replaced by the Xyberis Secure VDI Portal .

Support:

For any inquiries or assistance regarding the Secure VDI Portal, please feel free to contact our support team at support@xyberis.com. Whether you have questions about configuration, usage, or encountering issues with the application, our team is here to help and provide the necessary support.

Contact Information:

- Xyberis . 14-18 York Road . Wetherby, LS22 6SL . United Kingdom
- **Phone:** +44 (0)20 3633 2360 . **E-Mail:** info@xyberis.com