



User Manual

GemView Tablet Displays in Citrix XenDesktop Environments

(7.6 or above)

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1.0 – Introduction

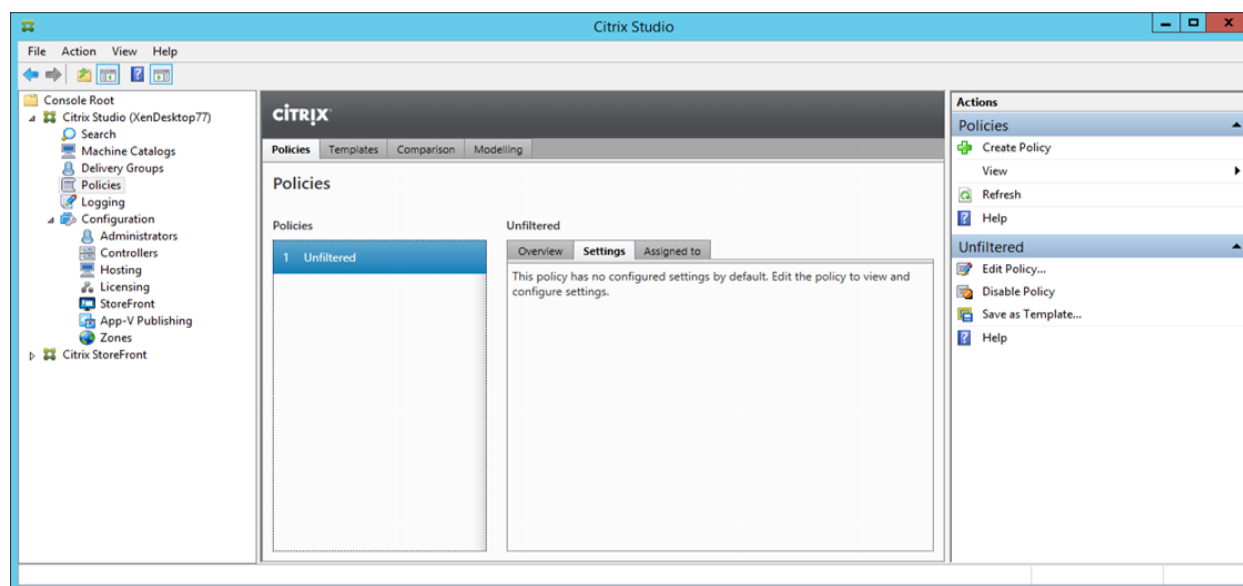
GemView Tablet Displays are half-page and full-page tablet displays with an electronic pen for signing documents, filling in form fields, and displaying videos, ads, and more.

This document applies to Citrix XenDesktop 7.6 and above environments with the Virtual Delivery Agent (VDA) 7.6 and above installed on individual PCs. Supported operating systems are Windows 7 and above for both VDA and the client.

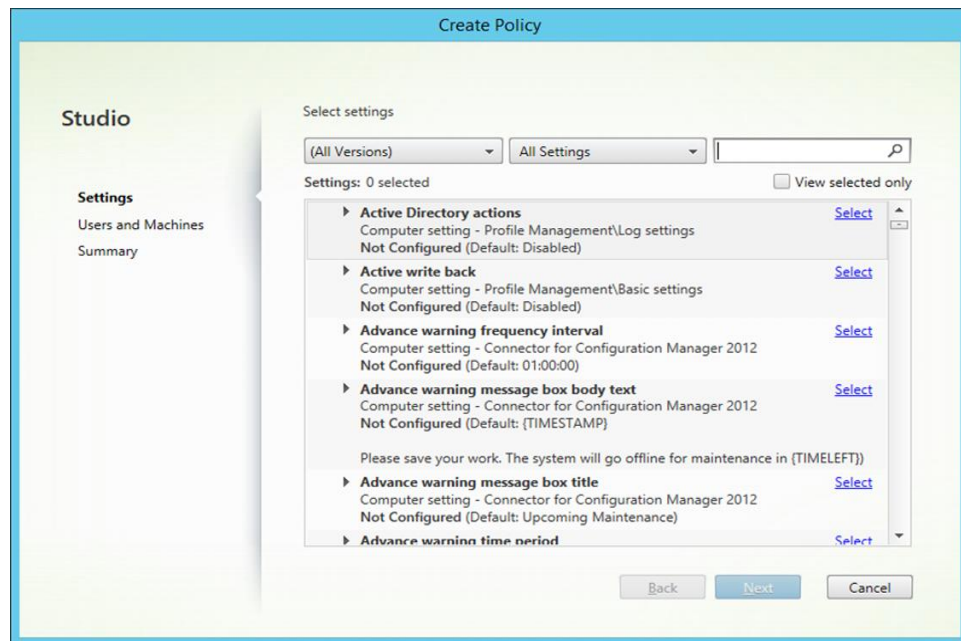
2.0 – Setup USB-Redirection Rules on the Server

Login into the server where Citrix Studio is installed and launch the Citrix Studio.

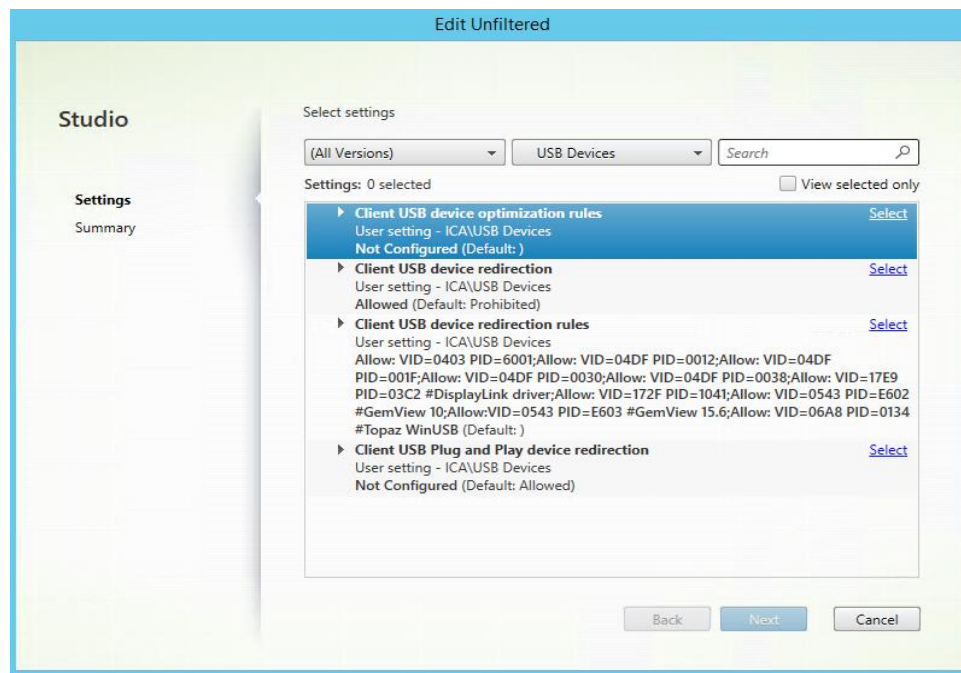
Select “Create Policy” from the Actions panel.



The Create Policy dialog appears:



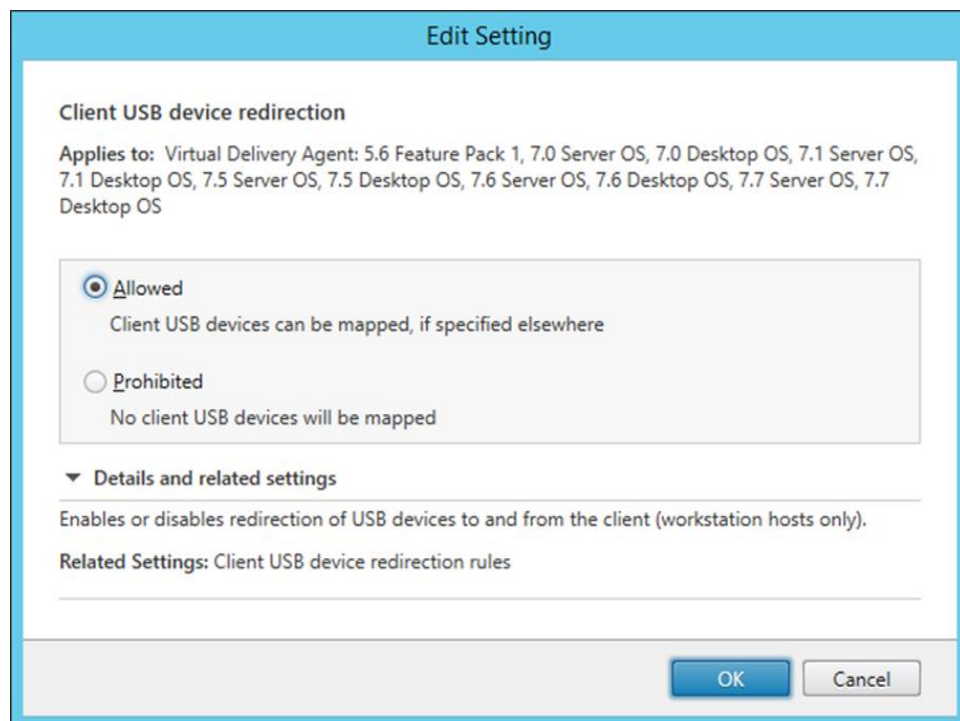
Select “USB Devices” from All Setting drop down list; the settings window shows all the USB related policies:



2.1 – Client USB device redirection

Press “Select” on the Client USB device redirection.

The Edit Setting dialog appears; select the “Allowed” radio button, then press the “OK” button:



The image shows a screenshot of the 'Edit Setting' dialog box. The title bar is light blue and says 'Edit Setting'. The main content area has a light gray background. At the top, it says 'Client USB device redirection'. Below that, it lists the versions it applies to: 'Virtual Delivery Agent: 5.6 Feature Pack 1, 7.0 Server OS, 7.0 Desktop OS, 7.1 Server OS, 7.1 Desktop OS, 7.5 Server OS, 7.5 Desktop OS, 7.6 Server OS, 7.6 Desktop OS, 7.7 Server OS, 7.7 Desktop OS'. There are two radio buttons: 'Allowed' (selected) and 'Prohibited'. Below 'Allowed' is the text 'Client USB devices can be mapped, if specified elsewhere'. Below 'Prohibited' is the text 'No client USB devices will be mapped'. There is a section titled 'Details and related settings' with a downward arrow. Below it, it says 'Enables or disables redirection of USB devices to and from the client (workstation hosts only)'. Below that, it says 'Related Settings: Client USB device redirection rules'. At the bottom right, there are two buttons: 'OK' and 'Cancel'.

Edit Setting

Client USB device redirection

Applies to: Virtual Delivery Agent: 5.6 Feature Pack 1, 7.0 Server OS, 7.0 Desktop OS, 7.1 Server OS, 7.1 Desktop OS, 7.5 Server OS, 7.5 Desktop OS, 7.6 Server OS, 7.6 Desktop OS, 7.7 Server OS, 7.7 Desktop OS

☒ **Allowed**
Client USB devices can be mapped, if specified elsewhere

☐ **Prohibited**
No client USB devices will be mapped

▼ **Details and related settings**

Enables or disables redirection of USB devices to and from the client (workstation hosts only).

Related Settings: Client USB device redirection rules

OK **Cancel**

2.2 – Client USB device redirection rules

Press the “Select” button on the Client USB device redirection rules. Press the “New” button for each GemView device to create a new entry for it. The following dialog shows all GemView devices entered as an example. Press “OK” to end this dialog.

Edit Setting

Client USB device redirection rules

Applies to: Virtual Delivery Agent: 5.6 Feature Pack 1, 7.0 Server OS, 7.0 Desktop OS, 7.1 Server OS, 7.1 Desktop OS, 7.5 Server OS, 7.5 Desktop OS, 7.6 Server OS, 7.6 Desktop OS, 7.7 Server OS, 7.7 Desktop OS

Values:

Allow: VID=0543 PID=E601 #GemView 7" Signature Pad
Allow: VID=0543 PID=E602 #GemView 10" Signature Pad
Allow: VID=0543 PID=E603 #GemView 16" Signature Pad

Accept

Cancel

New

Edit

Delete

Move Up

Move Down

☐ Use default value:

▼ Details and related settings

Lists redirection rules for USB devices.

When a user plugs in a USB device, the host device checks it against each policy rule in turn until a match is found. The first match for any device is considered definitive. If the first match is an Allow rule, the device is remoted to the virtual desktop. If the first match is a Deny rule, the device is available only to the local desktop. If no match is found, default rules are used. For more information about the default policy configuration for USB devices, refer to CTX119722, "Creating USB Policy Rules," in the Citrix Knowledge Center.

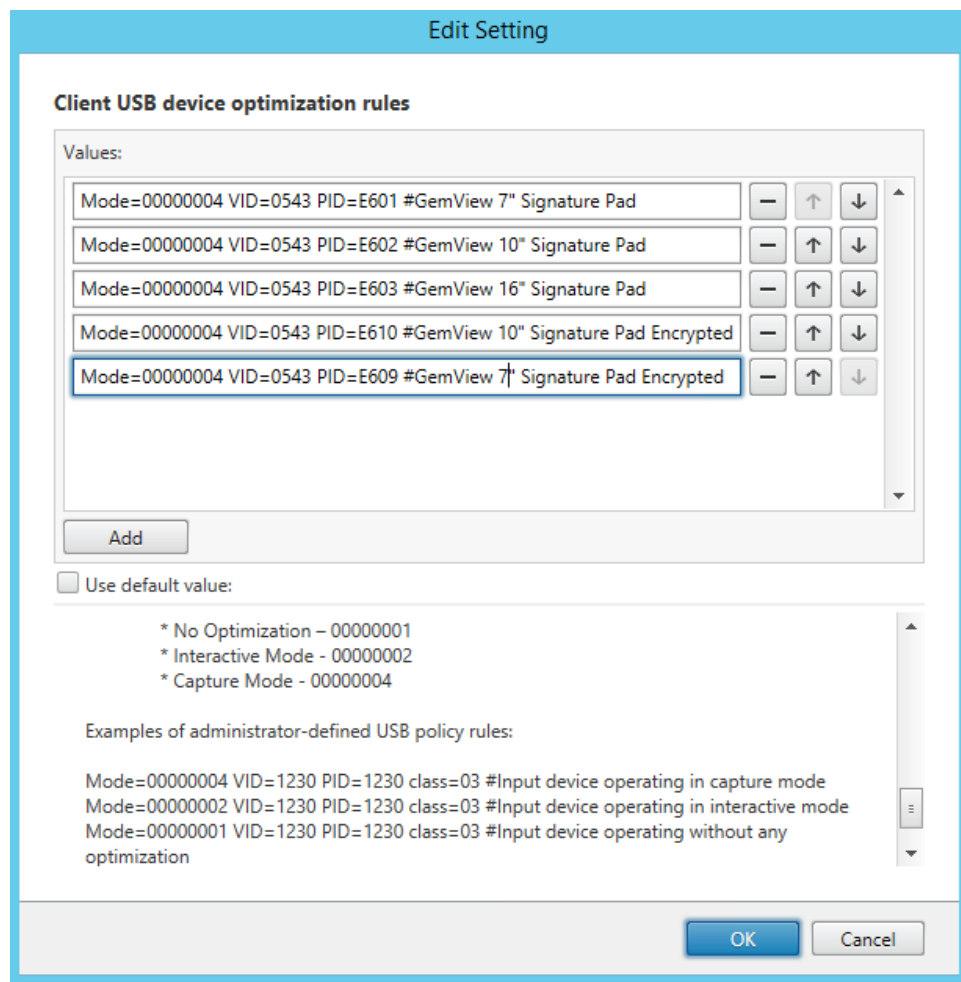
Policy rules take the format (Allow;Deny;) followed by a set of tag= value expressions separated

OK

Cancel

2.3 – Client USB device optimization rules

Click the “Select” button for the “Client USB device optimizer rules” to allow redirected USB devices to have optimization performance, then press “OK” to end the dialog. Press the “Add” button for each GemView device to create a new entry for it. The following dialog shows all GemView devices entered as an example. Press “OK” to end this dialog.



Edit Setting

Client USB device optimization rules

Values:

Mode=00000004 VID=0543 PID=E601 #GemView 7" Signature Pad	–	↑	↓
Mode=00000004 VID=0543 PID=E602 #GemView 10" Signature Pad	–	↑	↓
Mode=00000004 VID=0543 PID=E603 #GemView 16" Signature Pad	–	↑	↓
Mode=00000004 VID=0543 PID=E610 #GemView 10" Signature Pad Encrypted	–	↑	↓
Mode=00000004 VID=0543 PID=E609 #GemView 7" Signature Pad Encrypted	–	↑	↓

☐ Use default value:

- * No Optimization – 00000001
- * Interactive Mode - 00000002
- * Capture Mode - 00000004

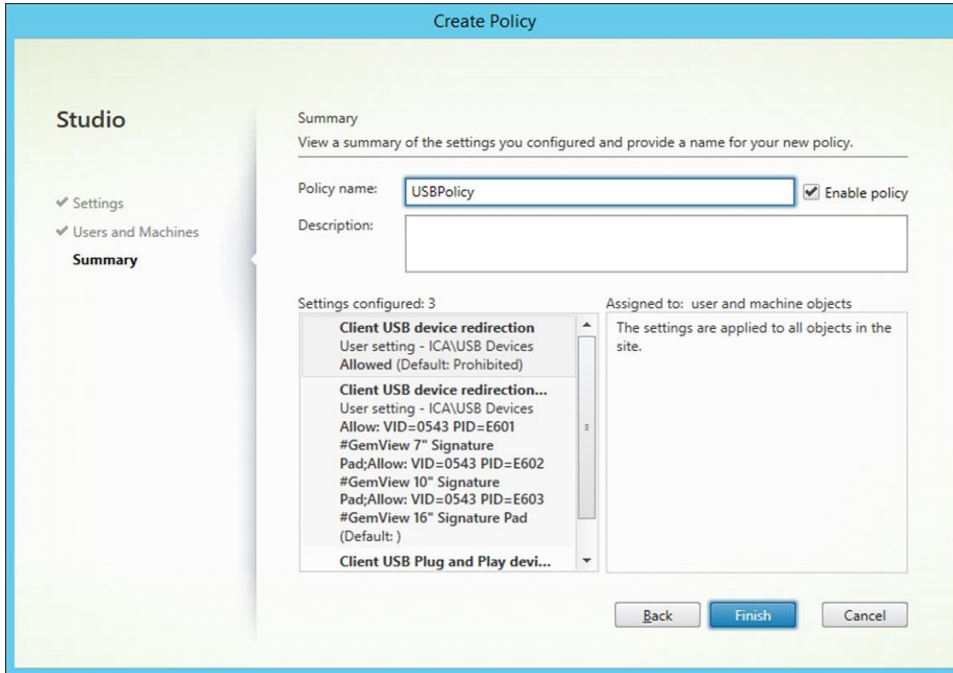
Examples of administrator-defined USB policy rules:

```

Mode=00000004 VID=1230 PID=1230 class=03 #Input device operating in capture mode
Mode=00000002 VID=1230 PID=1230 class=03 #Input device operating in interactive mode
Mode=00000001 VID=1230 PID=1230 class=03 #Input device operating without any optimization
    
```

Press the “Next” button to continue.

On the Summary dialog, give the Policy a name, for example, “USBPolicy” then press the “Finish” button to complete setup.



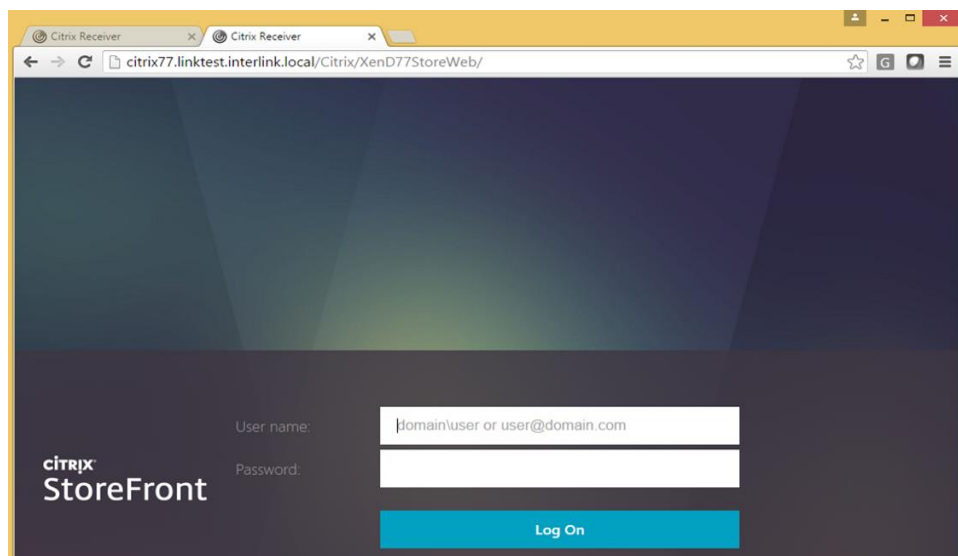
Then, make the newly created “USB Policy” higher than the “Unfiltered” one.

3.0 – Setup Procedure on VDA

For every user, the first use of the GemView on XenDesktop requires doing the setup procedure once. Later uses may not have to do this.

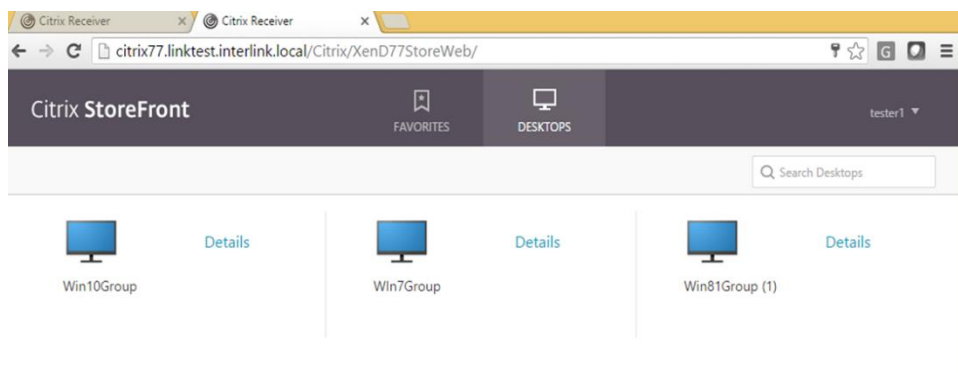
Important Note: There is no requirement to install the DisplayLink driver in the VDA, only the GemView driver is required. However, in the Windows client machine, both drivers are required.

3.1 – Login to the StoreFront Web



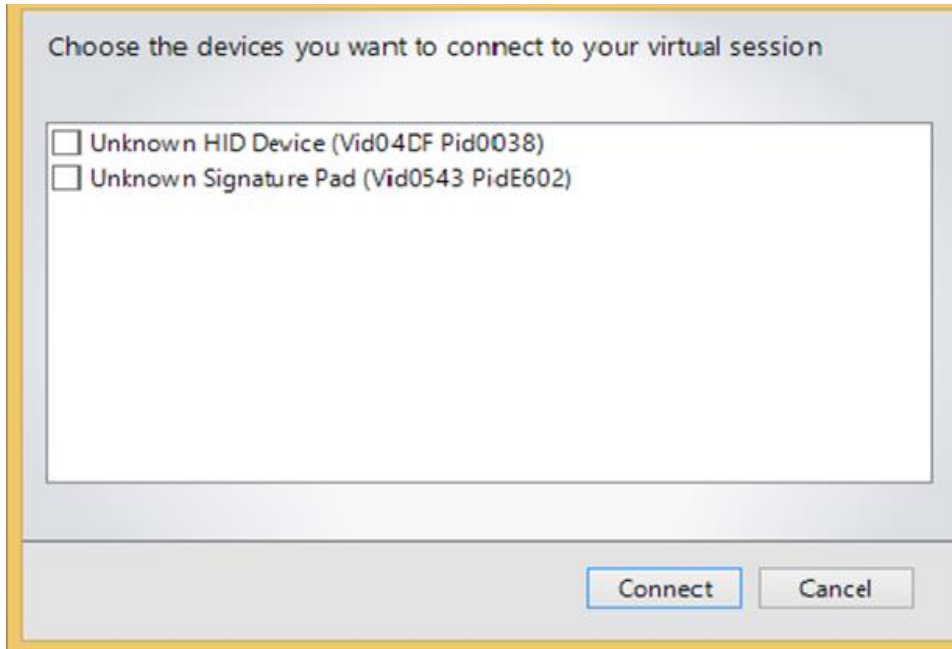
3.2 – Select the VDA Group to Start

By double clicking the group, the VDA will start to launch. If the group icon is spinning, please check in the Citrix Server and restart the Citrix Desktop Service.

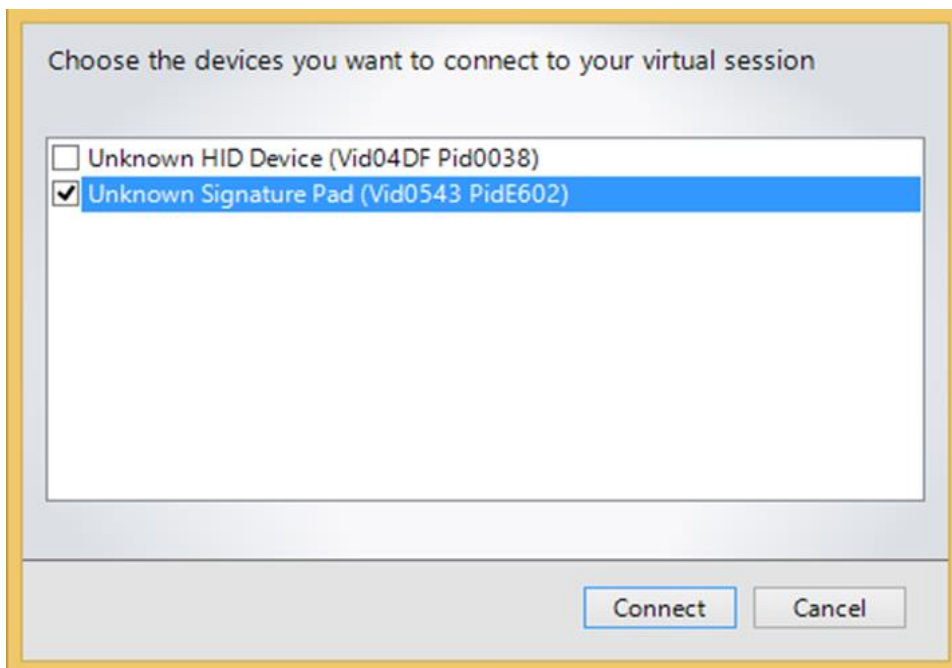


3.3 – Launch the VDA

The virtual desktop will display on your system; Citrix Workspace may pop up a dialog to show all the USB devices on the client machine available for USB redirect.



Check the “Unknown Signature Pad (Vid0543 PidE602)” item, then press the “Connect” button. On the VDA Tool Bar, the Devices tab shows the GemView Tablet Display connected with a check mark before the name.

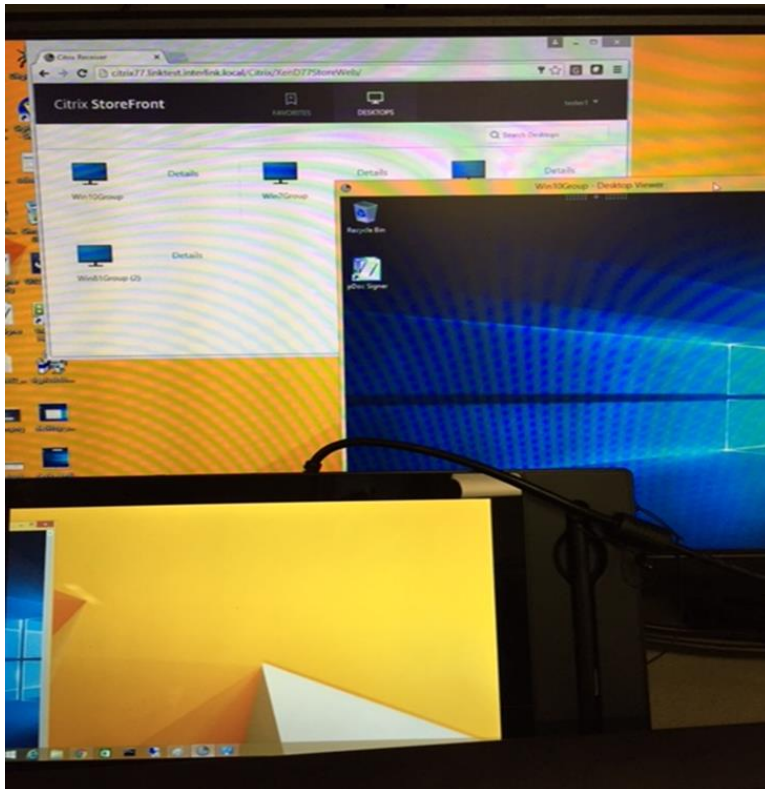




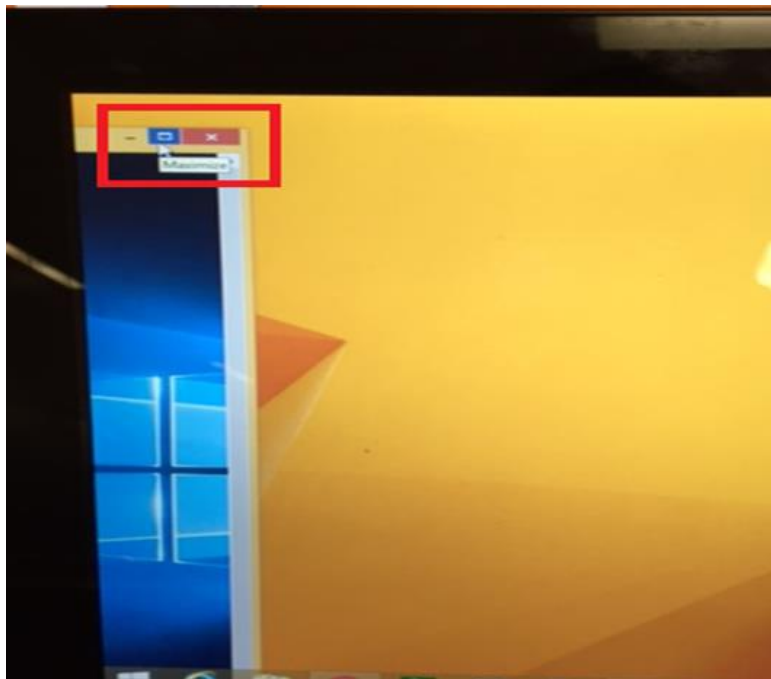
3.4 – Expand the Citrix Desktop Viewer to the GemView Tablet Display

Drag the Citrix Desktop Viewer window from the main screen to the GemView Tablet Display as the following photo shows, and make sure the “maximize” button in the upper right corner of the Citrix Desktop Viewer is on the GemView Tablet Display.

Note that the GemView Tablet Display (in this photo, the GemView 10) is in the lower left of the photo.



Press the “Maximize” button on the Citrix Desktop Viewer window on the Gem View Tablet Display, as the following photo shows:

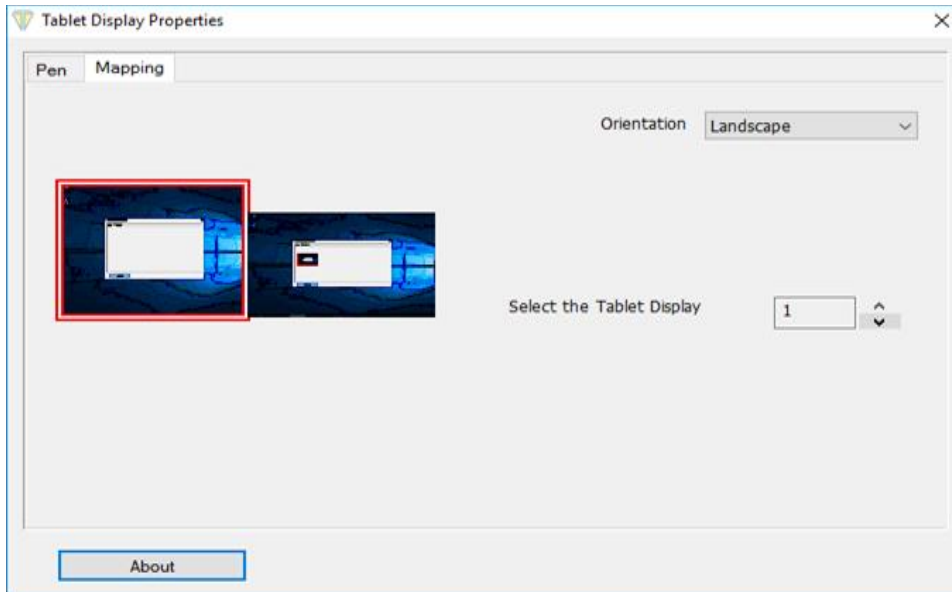


Then the Citrix Desktop Viewer will cover two monitors, as following photo shows:

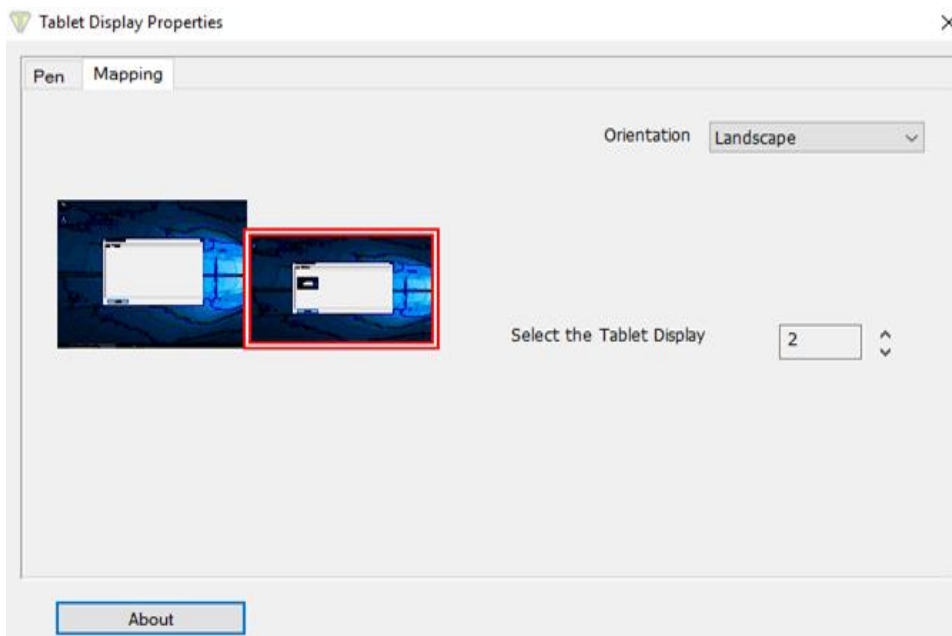


3.5 – Use Tablet Display Manager to Map the Tablet Display

Launch the Tablet Display Manager app from the GemView Tablet Display Manager, then select the Mapping tab. The first time you do this, set the Tablet Display to 1 by selecting from the drop-down list, then close the dialog.



Relaunch the Tablet Display Manager again. Set the Tablet Display to 2 on the Mapping tab.



Now when using the stylus pen on the GemView Tablet Display screen, the Windows cursor will follow it.

4.0 – Using GemView Tablets Displays with pDoc Signer Software

Topaz Systems provides software, such as pDoc Signer and pDoc Signer Duo, designed specifically to take advantage of the GemView Tablet Displays' large format, pen input capabilities. To find detailed information about these software packages, visit our webpage www.topazsystems.com/gemview-software.html.