

# 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.

File Action View Help	
Console Root Actions	
Chris Studie (XenDesktop77) CTIRIX Policies	-
Templates Comparison Modelling	
B Delivery Groups View	•
Policies Policies Q Refresh	
Controllers     Infiltered     Overview     Settings     Assigned to     Unfiltered	-
Hosting Edit Policy Edit Policy	
🐔 Licensing Configure settings.	
🔂 storer nont	
Zones	
Signature StoreFront	



The Create Policy dialog appears:

	Create Policy	
Studio	Select settings	
	(All Versions)   All Settings	Q
	Settings: 0 selected View se	lected only
Settings Users and Machines Summary	Active Directory actions     Computer setting - Profile Management\Log settings     Not Configured (Default: Disabled)	elect
Summary	Active write back     Computer setting - Profile Management\Basic settings     Not Configured (Default: Disabled)	elect
	Advance warning frequency interval     Computer setting - Connector for Configuration Manager 2012     Not Configured (Default: 01:00:00)	<u>elect</u>
	Advance warning message box body text     Computer setting - Connector for Configuration Manager 2012     Not Configured (Default: (TIMESTAMP)	elect
	Please save your work. The system will go offline for maintenance in {TIMELE	FT})
	Advance warning message box title     Computer setting - Connector for Configuration Manager 2012     Not Configured (Default: Upcoming Maintenance)	<u>elect</u>
	Advance warning time period	elect 👻
	Back Next	Cancel

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

Studio	Select settings	
	(All Versions)   USB Devices   Search	م
Settings	Settings: 0 selected	View selected on
Summary	<ul> <li>Client USB device optimization rules         User setting - ICA\USB Devices         Not Configured (Default.)     </li> </ul>	Select
	<ul> <li>Client USB device redirection</li> <li>User setting - ICA\USB Devices</li> <li>Allowed (Default: Prohibited)</li> </ul>	Select
	<ul> <li>Client USB device redirection rules         User setting - ICA/USB Devices         Allow: VID=0402 PID=6001;Allow: VID=04DF PID=0012;Allow: VID         PID=001F;Allow: VID=04DF PID=0030;Allow: VID=04DF PID=003         PID=0322 #DisplayLink driver;Allow: VID=172F PID=1041;Allow: VID=04DF View 10;Allow:VID=0543 PID=E603 #GemView 15.6;Allow: VID=04DF View 156 (Default: )     </li> </ul>	Select D=04DF 8;Allow: VID=17E9 /ID=0543 PID=E602 /ID=06A8 PID=0134
	<ul> <li>Client USB Plug and Play device redirection User setting - ICA\USB Devices Not Configured (Default: Allowed)</li> </ul>	Select



## 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:

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
<ul> <li>Allowed</li> <li>Client USB devices can be mapped, if specified elsewhere</li> <li>Prohibited</li> <li>No client USB devices will be mapped</li> </ul>
✓ 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
<u>V</u> alues:
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				
ient USB device optimization rules				
/alues:				
Mode=00000004 VID=0543 PID=E601 #GemView 7" Signature Pad	-	$\uparrow$	¥	*
Mode=00000004 VID=0543 PID=E602 #GemView 10" Signature Pad	-	$\uparrow$	↓	
Mode=00000004 VID=0543 PID=E603 #GemView 16" Signature Pad	-	1	↓	
Mode=00000004 VID=0543 PID=E610 #GemView 10" Signature Pad Encrypted	-	1	$\downarrow$	
Mode=00000004 VID=0543 PID=E609 #GemView 7 Signature Pad Encrypted	-	Ϋ́	$\downarrow$	
Add Use default value:				
* No Optimization – 00000001 * Interactive Mode - 0000002 * Capture Mode - 00000004				*
Examples of administrator-defined USB policy rules:				
Mode=00000004 VID=1230 PID=1230 class=03 #Input device operating in capto Mode=00000002 VID=1230 PID=1230 class=03 #Input device operating in intera Mode=00000001 VID=1230 PID=1230 class=03 #Input device operating without optimization	ure m active t any	node e mod	le	
0	K		Canc	el

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.

Studio	Summary View a summar	ry of the settings you config	gured	and provide a name for yo	ur new policy.
<ul> <li>✓ Settings</li> <li>✓ Users and Machines</li> </ul>	Policy name: Description:	USBPolicy			Enable policy
Summary	Settings config	ured: 3		Assigned to: user and ma	achine objects
	Client U User set Allowed	SB device redirection ting - ICA\USB Devices (Default: Prohibited)	Î	The settings are applied site.	I to all objects in the
	Client U User set Allow: V #GemVi Pad;Allo #GemVi Pad;Allo #GemVi (Default:	SB device redirection ting - ICA\USB Devices ID=0543 PID=E601 ew 7" Signature w: VID=0543 PID=E602 ew 10" Signature w: VID=0543 PID=E603 ew 10" Signature Pad )	н		
	Client U	SB Plug and Play devi	-		

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

Citrix Receiver ×	Citrix Receiver		<b>- -</b>	×
← → C 🗋 citrix77.linktes	t.interlink.local/Citrix/X	enD77StoreWeb/	☆ G 🛛	
				_
		domain/user or user@domain.com		
		portain abor of abor @dornam.com		
StoreFront				
StoreFront				
		Log On		

#### 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.

Choose the devices you want to connect to your virtual session
Unknown HID Device (Vid04DF Pid0038) Unknown Signature Pad (Vid0543 PidE602)
Connect Cancel

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.

Choose the devices you want to connect to your virtual session
Unknown HID Device (Vid04DF Pid0038)
✓ Unknown Signature Pad (Vid0543 PidE602)
Connect Cancel



#### 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.

Pen Mapping	
	Orientation Landscape ~
	Select the Tablet Display 1

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

Pen	Mapping		
		Orientation	Landscape
		Select the Tablet Display	2

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.