Steps to enable USB redirection in Windows Remote Desktop connections using Microsoft RemoteFX.

You need to make the changes on both (host and client) systems. The local 3Dconnexion driver needs to be stopped in order for the device to be redirected and the driver must be installed and running on the remote computer. RemoteFX does not support the universal receiver. You need to connect your wireless device via cable.

On the local computer:

1. Open GPedit

All	Apps	Documents
Best m	atch	
	Edit gro Control p	up policy anel
,∕⊃ gr	pedit	

2. Set

Computer Configuration > Administrative Templates > Windows Components > Remote Desktop Services > Remote Desktop Connection Client > RemoteFX USB Device Redirection "Allow RDP redirection of other supported RemoteFX USB devices from this computer"

То

"Enabled"

3. Ensure the RemoteFX USB Redirection Access Rights are set to "Administrators and Users"

Previous Setting	Next Setting		
Not Configured	Comment:		-
Disabled			Ŧ
	Supported on:	At least Windows 7 with Service Pack 1 or Windows Server 2008 R2 with Service Pack 1 $% \left(1\right) =0$	•
ptions:		Help:	
RemoteFX USB Redire	ection Access Righ	Its policy setting allows you to permit RDP redirection of other supported Remoter XUSB devices through the computer. Redirected RemoteRX USB devices will not be available for local usage on this computer. If you enable this policy setting, you can choose to give the ability to redirect other supported RemoteRX USB devices over RDP to all users or only to users who are in the Administrators group on the computer. If you disable or do not configure this policy setting, other supported RemoteRX USB devices are not available for RDP redirection by using any user account. For this change to take effect, you must restart Windows.	

- 4. Open the command prompt with administrative rights and enter gpupdate /force
- 5. Restart the machine.

On the remote computer:

1. Open GPedit

2. Set

Computer Configuration > Administrative Templates > Windows Components > Remote Desktop Session Host > Device and Resource Redirection

"Do not allow supported Plug and Play device redirection"

To "Disabled"

- 3. Open the command prompt with administrative rights and enter gpupdate /force
- 4. Restart the machine.

On the local computer:

After the restart open the rdp client (press "Start" and search for RDP) and go to the "Local Resources" tab where you click on "More".

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Re Co	mote Desk onnectio	top n				
General Display	Local Resources	Experience	Advanced			
Remote audio						
Con	figure remote audio Settings	settings.				
Keyboard App	ly Windows key con	binations:				
Onl	Only when using the full screen $\qquad \checkmark$					
Exa	mple: ALT+TAB					
Local devices ar	nd resources					
Cho your	ose the devices and remote session.	resources that	at you want f	to use in		
	Printers	🗹 Clipb	oard			
	More					
Hide Options			Connect	He	elp.	

You should see "Other supported RemoteFX USB devices". Open it and activate the check box for the SpaceMouse. The device will be forwarded to your target system next time when you connect via RDP.

Nocal Devices and Resources	×
Remote Desktop Connection	
Local devices and resources	
Choose the devices and resources on this computer that you want to use in your remote session.	
Other supported Plug and Play (PnP) devices Other supported RemoteFX USB devices	
☐ 40B0 ☐ HD Pro Webcam C920 ☐ Integrated RGB Camera	
□Jabra PRO 930 ✓ SpaceMouse Enterprise	
OK Care	e

Other Solutions

We do have a few customer reports about setups that work for them. These solutions can redirect USB devices (SpaceMouse) from a local to a remote machine. Doing this allows USB devices to appear in the remote machine as if it would be connected directly.

Two USB forwarding solutions we find to be most common would be from:

- 1. Fabula Tech https://www.fabulatech.com/
- 2. USB Network Gate https://www.eltima.com/3d-mouse-over-rdp.html.

If you have questions about these tools, we kindly suggest you contact the above vendors directly.

For Windows Azure we got feedback from a customer with the following settings

cies		
dministrative Templates		
Policy definitions (ADMX files) retrieved from the central store.		
Windows Components/Remote Desktop Services/Remote Desk	top Connection Client/RemoteF	USB Device Redirection
Policy	Setting	Commen
Allow RDP redirection of other supported RemoteFX USB devices from this computer	Enabled	
RemoteFX USB Redirection Access Rights		Adminstrators and Users
Windows Components/Remote Desktop Services/Remote Desk	ktop Session Host/Connections	
Policy	Setting	Commen
Allow users to connect remotely by using Remote Desktop Services	Enabled	