Topaz Systems, Inc.
SigSock HID USB Thin Client System

Topaz Systems, Inc.
650 Cochran Street, Unit 6
Simi Valley, CA, 93065
www.topazsystems.com
tech support: 805 520-8286
support@topazsystems.com
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The SigSock system allows a Topaz HID USB ("HSB") signature pad to be used in a thin client environment (Terminal Server 2003/2008 RDP session or Citrix session) by utilizing a socket to pass the data from the client machine to the waiting SigPlus-based application on the server. This SigSock version requires that the client machine is a Windows fat client (running a full version of Windows such as XP, Vista or equivalent). Thin client terminals (such as Wyse terminals) running XPe can be used as well. However, any other thin operating systems (WinCE, thin Linux) cannot.

Detailed steps for implementing SigSock:

1. Log into the server using RDP as Administrator or equivalent account

2. Download SigSockInstall.exe from: http://www.topazsystems.com/Software/sigsockinstall.exe

3a. (Server 2003) Go into Add/Remove Programs>Add New Programs. Click Browse, and navigate to the SigSockInstall.exe. Run the install through the Add/Remove Programs wizard here.
3b. (Server 2008) From a CMD line, type "Change user /install" to enter Install mode
Install SigSockInstall.exe
After installing, from CMD line, type "Change user /execute" or restart server
to place server backinto Execute mode before using the application.

4. Download this to the server: http://topazsystems.com/software/winloc.exe. Run while logged in as each user that will be using a pad and it will tell you the path to the location where you need to place the SigPlus.ini. The original SigPlus.ini file can be found in C:\Windows. Copy it from there and place it into the folders specified by Winloc.

5. Now download and run http://www.topazsystems.com/Software/sigsockclient.exe on the client machine. After that has been installed, open a command prompt, cd to C:\ and type the following: SigSock.exe IPADDRESSOFSERVER test 6 (where IPADDRESSOFSERVER is of course replaced with the actual IP address of the server itself)

6. Minimize this window, log into the server, open DemoOCX.exe, click "Start", and sign. Your signature should show in the demo. If it doesn't, make sure that TCP Ports 47289 and 47290 are open and that you aren't being blocked by a firewall.

7. Once you get that working, you will need to edit the SigPlus.ini for each of your users. They all need to have a unique value for "TabletPortPath=". You will then use this value in their command line parameters in place of "test".