



Topaz Systems, Inc. SigSock HID USB Thin Client System

Topaz Systems, Inc.
650 Cochran Street, Unit 6
Simi Valley, CA, 93065
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www.topazsystems.com
tech support: 805 520-8286
support@topazsystems.com

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.

Setting up SigSock [Client-side]:

1..Download and save to the client, double-click to run:
<http://www.topazsystems.com/Software/sigsockclient.exe>

Setting up SigSock [Server-side]:

1. Log into the server using a Remote Desktop Connection as Administrator or equivalent account

2. Download and save SigSockInstall.exe from:
<http://www.topazsystems.com/Software/sigsockinstall.exe>

3a. (For 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. (For Server 2008) From a command line, type “Change user /install” and click Enter to change to Install mode. Install SigSockInstall.exe by right-clicking and choose Run As Administrator
After installing, from the command line, type “Change user /execute” and press Enter or restart server to place server back into Execute mode before using the application.

4. Download this to the server:
<http://topazsystems.com/software/winloc.exe>

Run Winloc.exe, click the word WINDOWS, and at the bottom it will tell you the path to the Windows folder that is specific to your current login. It will be something like 'C:\Users\UserName\Windows' or a mapped drive like 'H:\Windows'. Copy the Sigplus.ini from 'C:\Windows' and place it into the folder specified by Winloc. You will then need to place a copy of the SigPlus.ini into the equivalent folder for each user's login that will be using the pad.

5. Two values in the SigPlus.ini file(s) (from step #4 above) need to be filled in:

TabletIpAddress= is the IP address of the server. When connecting over the Internet, this must be a routable IP address. When connecting over a local network, use the non-routable local IP address.

TabletPortPath= is an identifier that must be unique per user. The most common value to use here is the login name, but you are free to use a different value, as long as it's unique.

6. Make sure that TCP Ports 47289 and 47290 are open and that you aren't being blocked by a firewall.

Using SigSock:

On the client, open a command prompt and type in:

```
c:\SigSock.exe SERVERIP PORTPATH 6
```

SERVERIP is the IP address of the server and is the same value used in the SigPlus.ini's TabletIpAddress value on the server.

PORTPATH is the TabletPortPath value used in the SigPlus.ini on the server.

For example:

User A

TabletPortPath=userA [SigPlus.ini on the server]

TabletIpAddress=192.168.1.1 [SigPlus.ini on the server]

```
sigsock.exe 192.168.1.1 userA 6 [Command prompt on the client]
```

User B

TabletPortPath=userB [SigPlus.ini on the server]

TabletIpAddress=192.168.1.1 [SigPlus.ini on the server]

```
sigsock.exe 192.168.1.1 userB 6 [Command prompt on the client]
```

Leave this prompt running while you want to use the signature pad with an application that has been launched from the server. Closing this prompt ceases the signature pad's communication with the server.