



HYPACK SURVEY: Remote Viewing

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In the newest version of HYPACK® SURVEY, you will be able to view the Survey map from devices other than the Survey computer through a Web browser.

CONFIGURING REMOTE VIEWING ON THE SURVEY COMPUTER

To enable the option in SURVEY, select OPTIONS->REMOTE VIEW OVER WEB->ENABLE REMOTE ACCESS->OK.

FIGURE 1. Launching Remote Viewing in SURVEY

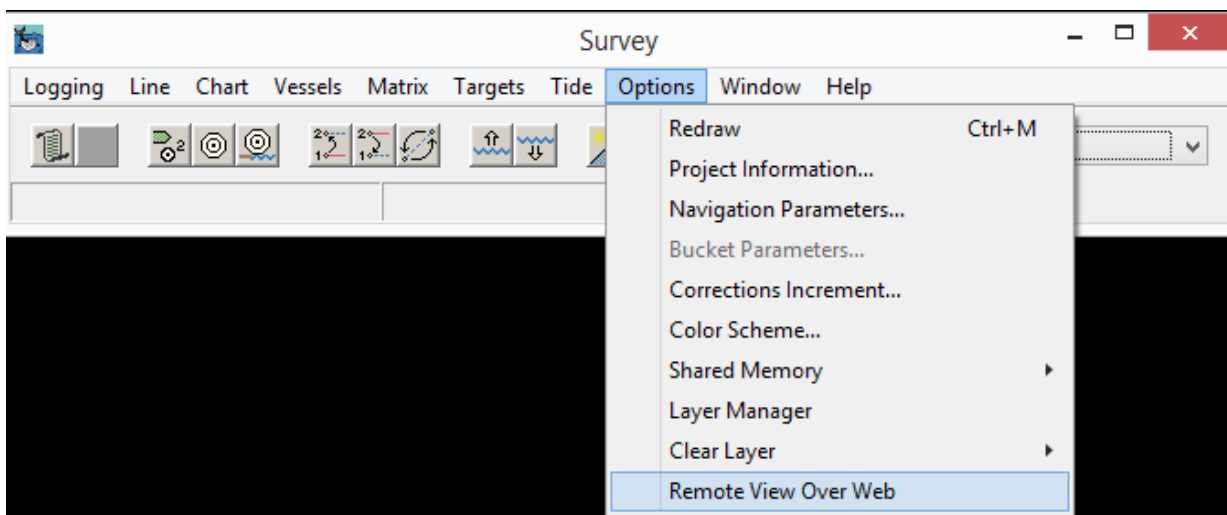
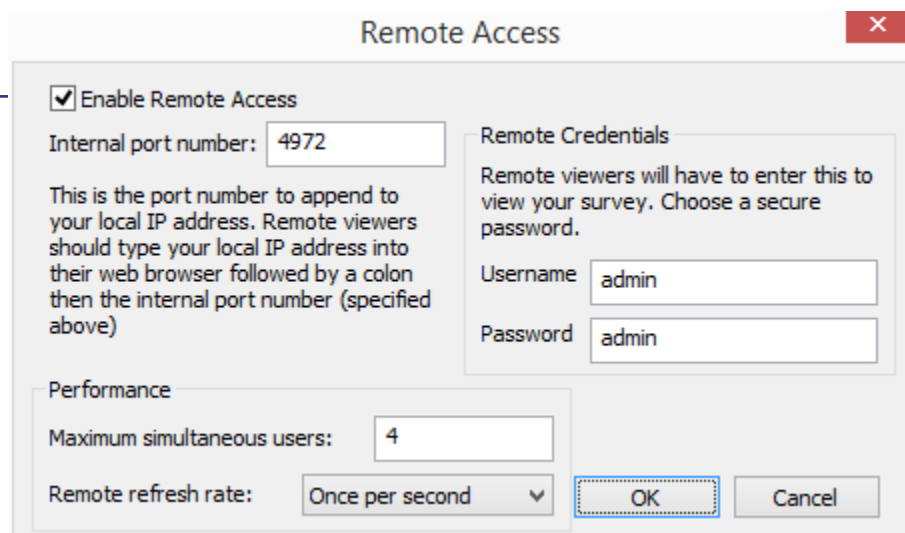


FIGURE 2. Remote Access Setup

There are a number of settings available to the Surveyor for remote viewing.

You can specify the port number to which viewers will connect, the user name and password for remote viewing, the maximum number of viewers that can be connected, and the refresh rate for remote viewers.



Tip: If you have a low-end computer, you can limit the impact on the Survey computer. Just lower the number of simultaneous users and choose a lower refresh rate. You should test

these settings before beginning your survey to ensure that remote viewers do not negatively affect the performance of the survey computer. If your map screen goes blank, it is likely there are too many users connected.

FINDING THE IP ADDRESS OF THE SURVEY COMPUTER

Now, you can access the Surveyor's view easily while on the same network. Remote viewers must know your local IP address. To find that, follow these instructions:

1. Open Command Prompt (press the Windows key and type "cmd", click "cmd.exe").
2. In the Command Prompt, type "ipconfig" (without quotes) and press enter.
3. You should see something similar to this:

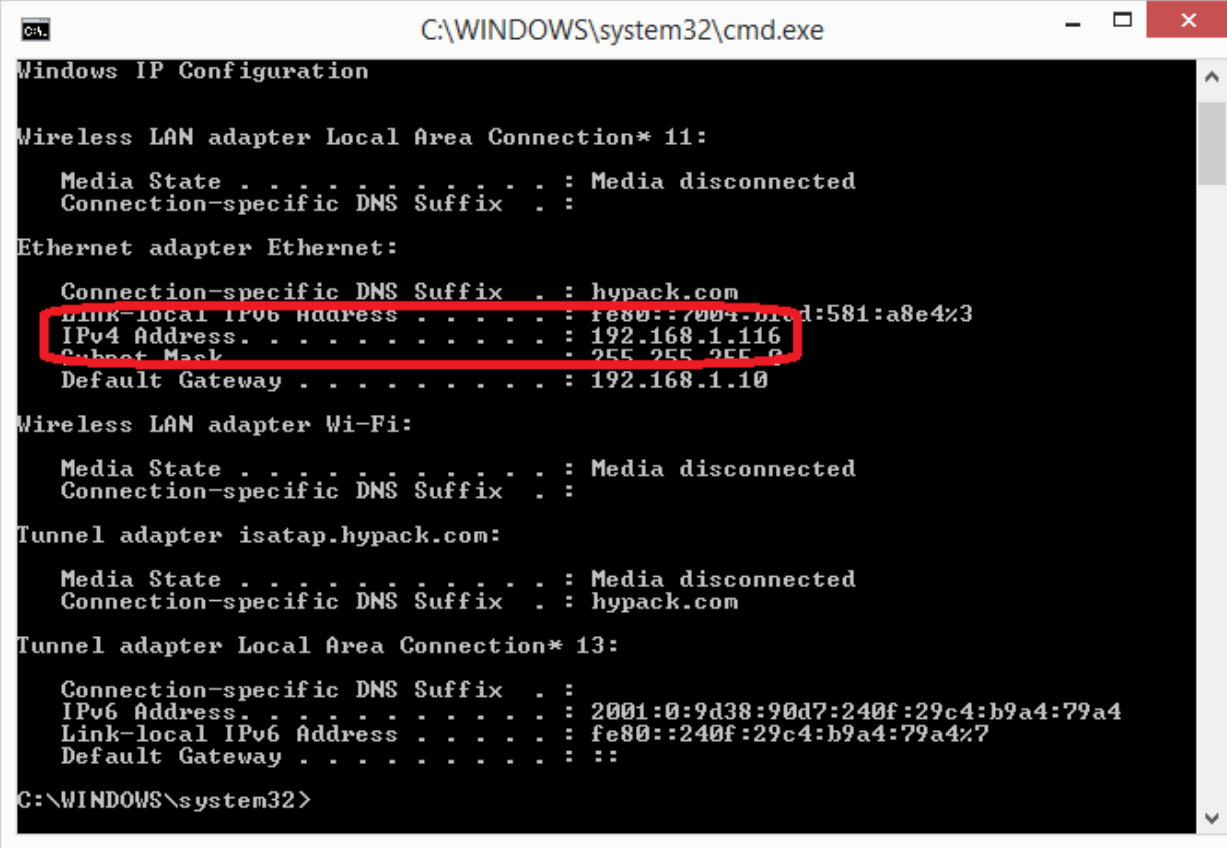
FIGURE 3. Finding the IP Address for the Survey Computer

```
C:\WINDOWS\system32\cmd.exe
Windows IP Configuration

Wireless LAN adapter Local Area Connection* 11:
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :
Ethernet adapter Ethernet:
    Connection-specific DNS Suffix  . : hypack.com
    Link-local IPv6 Address . . . . . : fe80::7004:b1ad:581:a8e4%3
    IPv4 Address. . . . . : 192.168.1.116
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.10
Wireless LAN adapter Wi-Fi:
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :
Tunnel adapter isatap.hypack.com:
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : hypack.com
Tunnel adapter Local Area Connection* 13:
    Connection-specific DNS Suffix  . :
    IPv6 Address . . . . . : 2001:0:9d38:90d7:240f:29c4:b9a4:79a4
    Link-local IPv6 Address . . . . . : fe80::240f:29c4:b9a4:79a4%7
    Default Gateway . . . . . : ::
C:\WINDOWS\system32>
```

4. **If you are connected via WiFi**, look under "Wireless LAN adapter Wi-Fi". **If you are connected via Ethernet cable**, look under "Ethernet adapter Ethernet". Your local IP address is under the category IPv4 Address. For example, in this image the local IP address is 192.168.1.116.

FIGURE 4. The IP Address of the Survey Computer



```
C:\WINDOWS\system32\cmd.exe
Windows IP Configuration

Wireless LAN adapter Local Area Connection* 11:
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Ethernet adapter Ethernet:
    Connection-specific DNS Suffix  . : hypack.com
    Link-local IPv6 Address . . . . . : fe80::7004-b1ed:581:a8e4%3
    IPv4 Address. . . . . : 192.168.1.116
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.10

Wireless LAN adapter Wi-Fi:
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Tunnel adapter isatap.hypack.com:
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : hypack.com

Tunnel adapter Local Area Connection* 13:
    Connection-specific DNS Suffix  . :
    IPv6 Address. . . . . : 2001:0:9d38:90d7:240f:29c4:b9a4:79a4
    Link-local IPv6 Address . . . . . : fe80::240f:29c4:b9a4:79a4%7
    Default Gateway . . . . . : ::

C:\WINDOWS\system32>
```

NOTE: This number CAN AND WILL CHANGE if you restart/disconnect from the network. If viewers are having trouble connecting, make sure they're using the correct IP address by repeating the above steps.

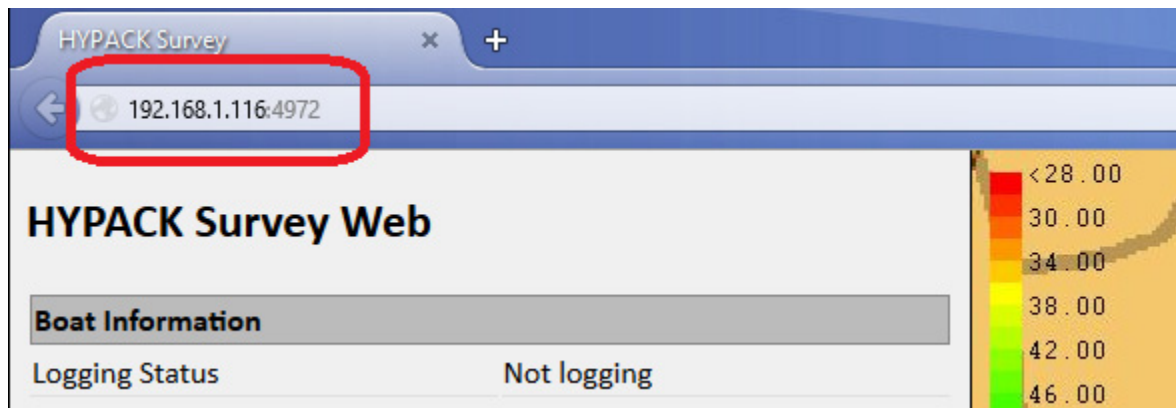
CONFIGURING THE REMOTE COMPUTER

Now that you have your local IP address, viewers can connect from their remote computers:

1. **Enter the IP address into the Web browser followed by a colon, followed by the port number specified in Remote View Over Web options.** (The default value is 4972.)

NOTE: *Internet Explorer is not supported.*

FIGURE 5. Entering the IP Address of the Survey Computer for Remote Viewing



2. Enter the username and password when connecting, which has been set in the Remote View Over Web options. The default username is "admin" and password is "admin". It is recommended that you change these.

In the remote view, you can view logging status, start and stop logging, increment and decrement lines, and swap lines. You can also toggle boat tracking for their view, zoom in and out, pan, and drop a target.

If you are having trouble panning, make sure boat tracking is turned off by pressing the crosshair in the middle of the panning arrows.

FIGURE 6. Remote View of HYPACK® SURVEY

