

## HYPACK® Network Dongle

By John Lindberg

By now most HYPACK® customers who are currently on the Maintenance Plan have received their HYPACK® 2009a CDs and brand new dongles.

One of the features of this combination is the ability to have a network license. In other words, a single dongle can be installed on a central server, and allow multiple users to run HYPACK®, depending on the number of licenses programmed on the dongle. This document describes the installation and setup of a network dongle.

## HYPACK® SERVER

The **HYPACK® server** is the computer where the HYPACK® dongle will reside. You can either install HYPACK® 2009a on the server, or just install hylock.exe. Hylock.exe is located in the HYPACK 2009\Support folder, or can be downloaded from our website.

- Install hylock.exe on the server. It will create a HYPACK® 2009 menu item under START > PROGRAMS. If HYPACK® 2009a is installed on the server there is no need to run hylock.exe.
- 2. Attached the key to the server PC.
- 3. **Run the License Manager on the server**. You can do this by going to START>PRO-GRAMS>HYPACK 2009>LICENSE MANAGER as shown in Figure 1:



FIGURE 1. Launching the License Manager from the Windows® Start Menu

The License Manager dialog will appear with all of your license info. It should look something like Figure 2:

|                      | FIGURE 2. License Manager   | License Manag  | er        | ? ×  |  |
|----------------------|---|--|-----------|--|--|
|                      |   | License Information Server Config  |           |  |  |
| 4.<br>5.<br>6.<br>7. | Note the USER ID. You will need it<br>when you configure each workstation.<br>Click on the SERVER CONFIG tab.<br>Choose ALLOW ACCESS FROM ANY<br>COMPUTER.<br>Enter a PORT NUMBER. Figure 3<br>shows that tab with the default value of | Modules:<br>HYPACK<br>HYPACK Lite<br>HYPACK Office<br>HYPACK Survey<br>HYSWEEP<br>HYSWEEP<br>HYSWEEP Office<br>DREDGEPACK<br>HYPACK Navigation |           | Key ID         68681920           User ID         999920           Leased         Image: Comparison of the second sec |  |
|                      | 15200 which is what I am using in this  | User Name  | Office    |  |  |
|                      | example.  | Organization   | HYPACK In | c.   |  |
|                      | FIGURE 3. Configuring the Server  | S63 User Permit  | B115A73E4 | 14C26AFEAAEI34630C384  |  |
|                      | License Manager   | ARCS Permit  | 34630C334 | 630C384 Update Key   |  |
|                      | <ul> <li>Use key only for local computer</li> <li>Allow access from any computer</li> <li>Port number 15200</li> <li>Start Server</li> </ul>  |  |           | Close Rescan   |  |
|                      | Close Rescan  |  |           |  |  |

8. **Click on START SERVER**. The Server should be set to go once you see the "key" icon on the lower-right section of the Taskbar. You are now ready to get the workstations up and running.



## **WORKSTATIONS**

A workstation is a computer on which you plan to use HYPACK®.

- 1. Install HYPACK® on each workstation.
- Run the License Manager on each Workstation. You can do this by going to START > PROGRAMS > HYPACK 2009 > LICENSE MANAGER as shown below. Because there is no key present you will only see REMOTE CLIENT CONFIG tab.

|          | FIGURE 5. Configuring your<br>HYPACK® Workstation  | 🕵 License Manager   | ?× |  |
|----------|--|---|----|--|
|          |  | Remote Client Config  |    |  |
| 3.       | Uncheck NEVER TRY TO<br>CONNECT TO A REMOTE<br>SERVER. This will open the<br>other fields on that tab. | Never try to connect to a remote server<br>The License Manager did not find any valid HYPACK key.<br>If you have a valid key please insert it and start the License<br>Manager again.<br>If you want to connect to another computer that has a HYPACK |    |  |
| 4.       |  |   |    |  |
| 5.       | Enter Port number. I used 15200 in this example.   | key please enter the following information:   |    |  |
| 6.       | Enter HYPACK User, which is USER ID noted from the server.   | Server host name or IP address ratbertold Port number 15200   |    |  |
| 7.       | Click TEST CONNECTION<br>NOW and if all goes well it<br>should say KEY OK.                             | HYPACK User   |    |  |
|          | If it says KEY FAILED, there must be some firewall or other block.                                     | Test connection now   |    |  |
| HY<br>wo | u should now be able to run<br>'PACK® from any<br>rkstation. The number of                             | Close Res   |    |  |

licenses shown in the License Manager will govern how many workstations will be allowed to run HYPACK® at the same time.