Networking

In this paper we advise:
i. How to use a Windows 7/8 (A.) or Apple computer (B.) as a WiFi hotspot.
ii. How to network several computers (Part II) running the same event (scored across the field).

Note that the range will be shorter with a computer as hotspot than with a router. You can bring the tablets that are out of range closer to the PC when they log on, or use several PCs or (better) source a WiFi router e.g. Zyxel NBG418N that is inexpensive and easy to install.

A. How to turn your Windows 7/8 computer into a WiFi hotspot
(There are solutions for older versions of Windows, but these are more cumbersome.)

1. Download the Virtual Router program

2. Install the program by double clicking VirtualRouterInstaller.msi

3. Start Virtual Router by double clicking

4. Enter a suitable name of your network to be, e.g "BridgeTab", and a password; then click "Start Virtual Router".

WiFi network "BridgeTab"
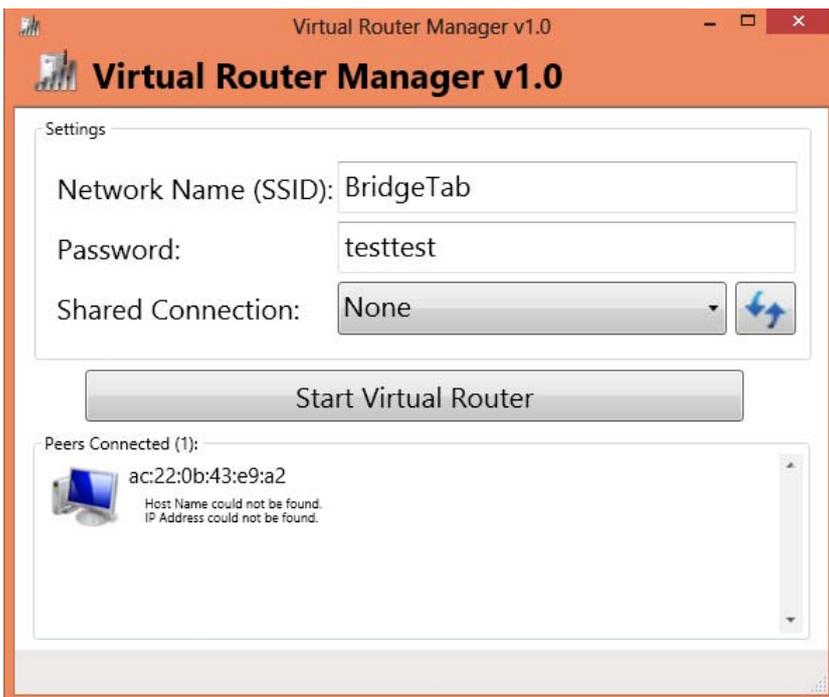
5. Connect each and all of your Bridgetabs (tabletops) to your "BridgeTab" WiFi hotspot.

B. How to turn your Mac into a WiFi hotspot

1. Go to Preferences (under the Apple)
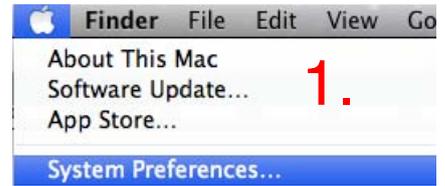
2. Click on "Network", select "Sharing" and highlight "Internet sharing". Then select:

2.1 **From** Ethernet
2.2 **To** Airport
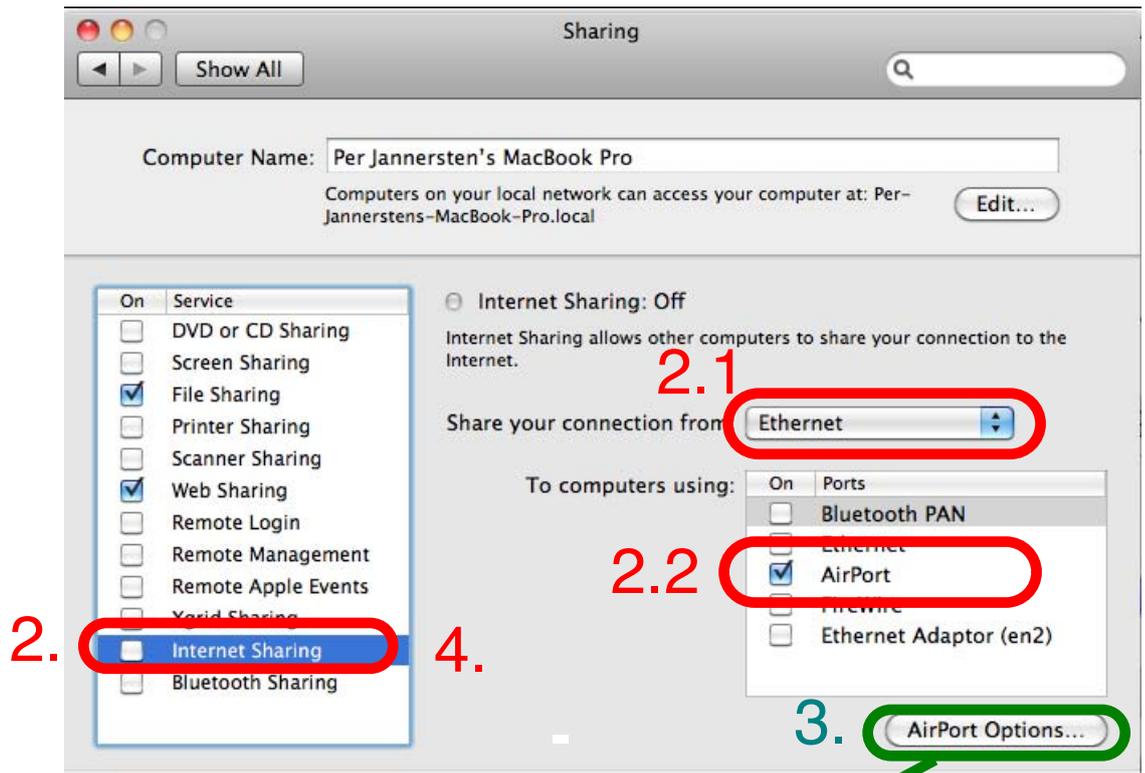
3. We suggest (optional) that you call your WiFi network "BridgeTab" to make it obvious what to do at the table end.

4. Tick "Internet sharing" to start WiFi.

5. Select WiFi network "BridgeTab" on the tablets.

PART II

In this part we describe how you can network computers when there is a large event playing in several rooms; and also how BridgeTab can be used with other eScoring hardware like Bridgemate, BridgePad and BridgeScorer.

Networking several computers

The layout described below can be used to network several computers, of which one will be master. The master PC will run the scoring program making the comparisons across the entire field. The other PCs (the two to the right in the illustration below) are slaves in the system.
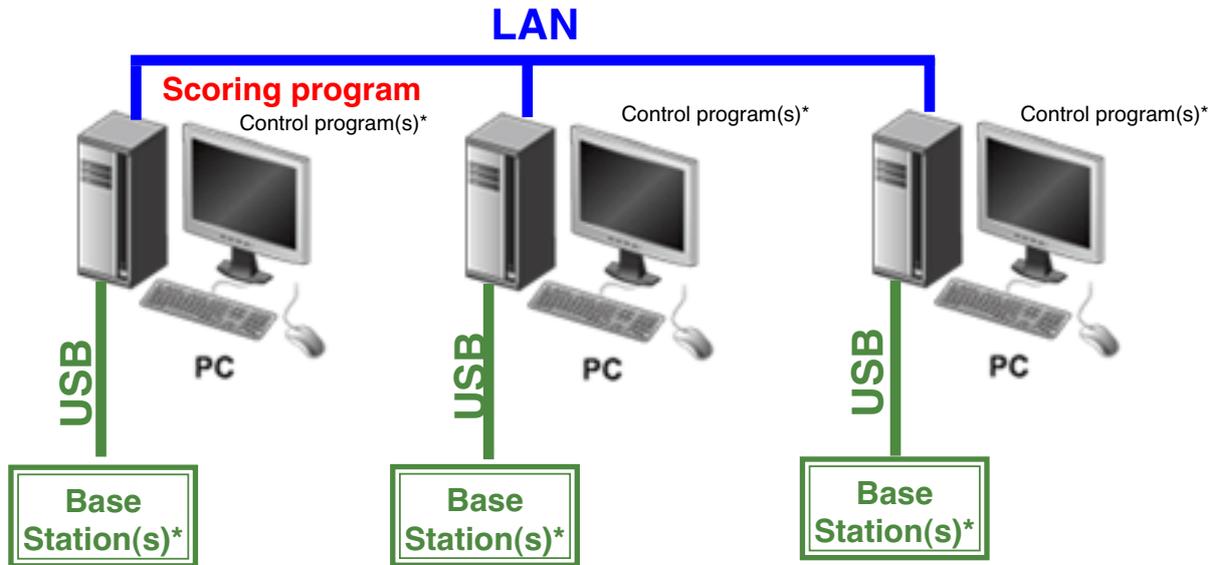
*Each type of tabletop hardware requires its own dedicated hardware

THE MASTER

The scoring software and the BridgeScorer Control are started as usual on the master PC.

THE SLAVES

The slave(s) can be connected to the master PC as soon as the scoring program has created a database for the event.

1. Select "Networking" via BOS/SCORING

2. Click "Browse for other database" in the dialog that appears:

3
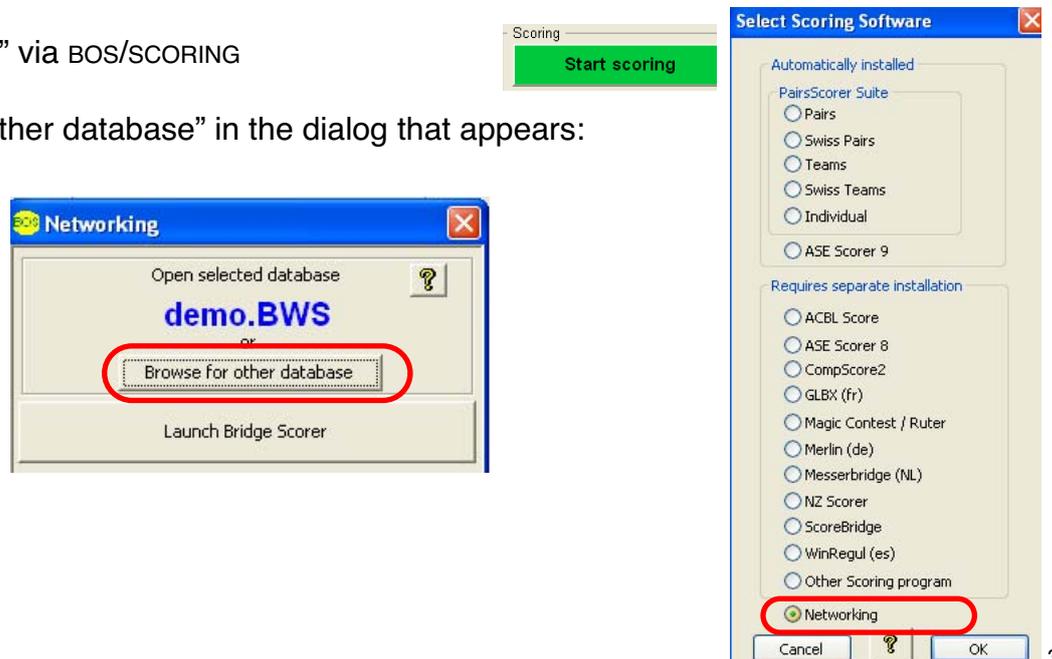
3. Click "My Network Places"

4. Locate the current (just created) database on the Master PC. The default path is:
 C:\BOS\Events\<Eventname>\Data\<Eventname.bws>
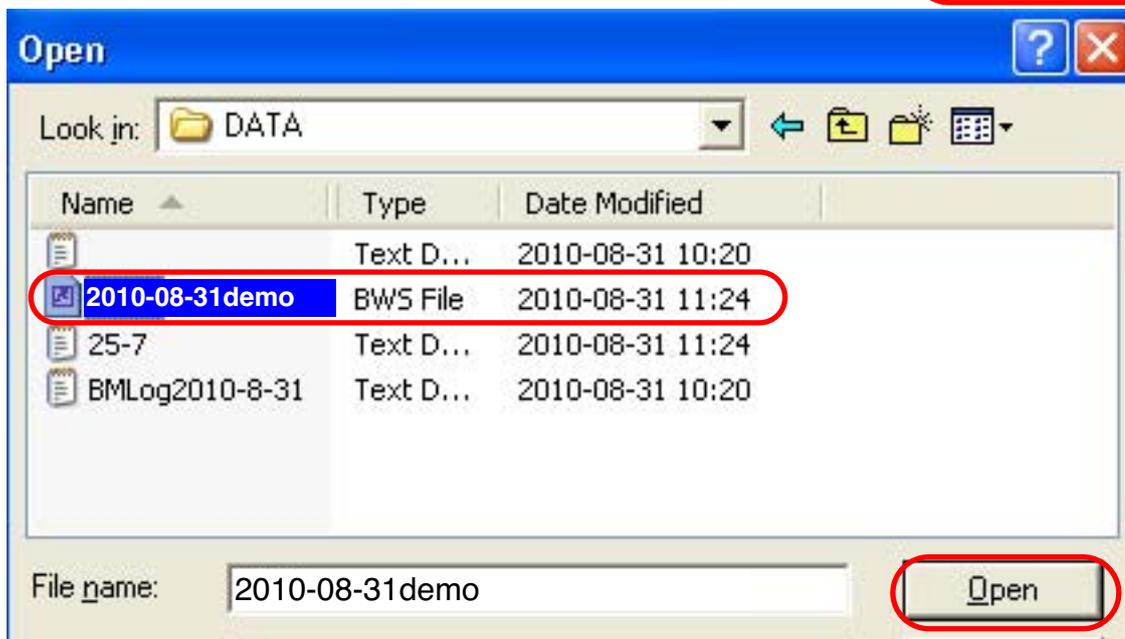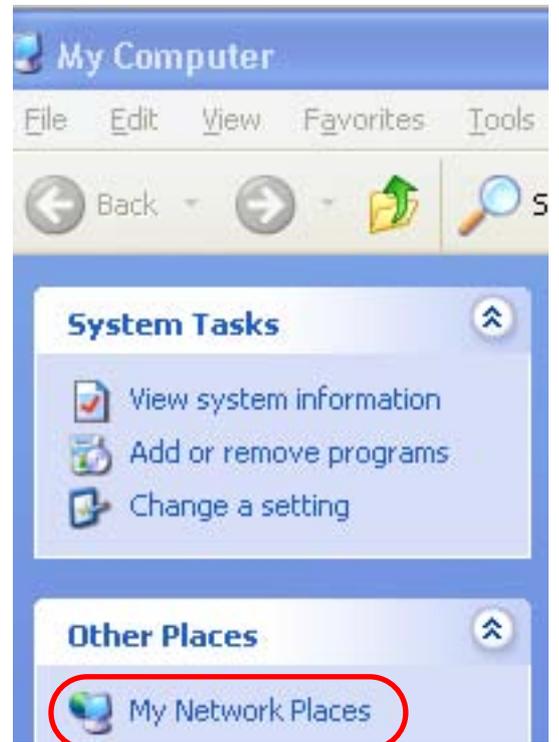
5. Click "Launch BridgeScorer" when you have verified that the "Selected database" is the desired one.