



merit entertainment

# TECH NOTES

<http://www.meritgames.com>

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## Re: Wireless Connection Enhancements

There are inherent limitations in wireless technology, which can cause intermittent wireless communication problems. In an attempt to limit some of these issues, Merit has made several wireless enhancements to the software.

- The software performs a wireless communication test after you initially set up your wireless network or if you make any changes to your settings. If the network fails to establish a connection, a warning message will now appear informing you to check your settings. Previously, the software would try to connect to the router multiple times even if it made a successful connection, causing the operator to have to wait for this process to finish. Now, if there is a problem with the network, you will be immediately informed.
- The software also checks the status of the configured wireless network when the game enters idle mode. If the connection has failed, it will attempt to reconnect to the router during idle. This feature is set up as an operator-selectable option (found in Network > Options) that can be turned off if you don't want it to automatically try to reconnect for any reason (e.g. if you know the network will be down). It is also available through the 6-Star Menu, if desired, so that the operator can choose to allow the location to turn this option on and off.
- The Wireless Device Details Screen also provides additional information about your wireless network. It now shows both the network settings as entered by the operator (listed under "Setting") as well as how the network is currently functioning (listed under "Current"). This will help operators to see all settings at once and determine if the network is functioning as expected.

These enhancements are incorporated into the Ion 2008 software release and are also available as a free update for Ion 2007.5 software. The Ion 2007.5 update (version 23.50) is available for download from our Web site (<http://www.meritgames.com/ion2007.asp>) and is also available as a free update disc to any operator wishing to install it on an Ion 2007.5 game. This installation is not required, but it will offer the operator some improvements if they are experiencing wireless connection issues. If you want to install the update by disc, contact your distributor to receive your free Ion 2007.5 update disc (part number: SB0537-01). Follow the instructions on the reverse side of this sheet to install the disc.

If you have any questions, please contact Merit Customer Service and Technical Support by phone at 215-826-1400 or 800-523-2760, or by e-mail at [TechCenter@meritgames.com](mailto:TechCenter@meritgames.com).

## Software Installation Instructions

In order to successfully update your game, you MUST be currently running Ion 2007.5 software, version 23.XX. To determine the software version running on your game, push the set-up button inside the cabinet. The PG number will be displayed in the corner of the first screen that appears. Ion 2007 software will have the number, PG3002V23.XX. Follow the instructions below to install the enclosed software.

### Connecting a DVD Drive

1. Turn off power to the game.
2. Unlock and open the CPU section.
3. Connect the 2 x 20-pin IDE connector to the IDE interface connector on the DVD drive. Make sure the red stripe on the ribbon cable matches up with pin 1 on the IDE interface connector.
4. Connect the four (4) pin power connector on the ribbon cable to the DC power input on the DVD drive.
5. Locate the centronics connector.

*For Aurora games:* Unlock the rear door and open it if it is hinged, or remove it if it is detachable.

*For eVo and eVo Wallette games:* The centronics connector is located at the back of the game. The cover plate is secured to the game with either a hex screw (removable with a 5/64" Allen wrench) or a standoff threaded through the CPU section.

*For Elite Edge games:* For coin-only games, remove the cotter pin and unhinge the CPU section to access the connector on the back of the CPU section. For bill-only games, the connector is inside the CPU section.

*For Fusion games:* The centronics connector is located on the outside of the electronics box.

6. Make sure your DVD drive is configured as the Master Drive.
7. Connect the centronics connector on the ribbon cable to the centronics connector on the game.  
**NOTE:** *When positioning your DVD drive, it is important that you find a suitable place where the drive will not be in danger of coming in contact with any components or wires inside of the game.*

### Software Installation Instructions

8. Turn on the game.
9. Insert the disc into the DVD drive. If you don't get the disc into the drive before the game starts to boot-up, turn off the game and turn it back on.
10. When the DVD is finished installing, the screen will display a message indicating that the update is complete.
11. Remove the disc and turn off power to the game.
12. Carefully disconnect the ribbon cable from the centronics connector on the game.  
**NOTE:** *When disconnecting the ribbon cable, carefully disconnect the cable by grasping the connector and not the cable itself.*
13. Close and lock the CPU section door of the game.
14. Restore power to the game.