



Offline to Online Kit Conversion DVD Instructions

BE ADVISED:

THIS CONVERSION IS FOR OFFLINE SSB AND SSBC 2007-2009 VERSIONS.

SYSTEM REQUIREMENTS:

MUST HAVE 256 MEGABYTES OF MEMORY AND NOT TO EXCEED 1 GIGABYTE.

Offline to Online Kit Contents:

- 256 MB Dual In-line Memory Module (DIMM)
- Software Upgrade DVD
- I/O Board
- Cabinet Identification Device (CID)
- Antenna & Housing
- USB Card Reader
- Marquee
- Side Decals
- Silver Strike LIVE Manual

Follow the steps below in the exact order listed to prevent damage to the Nighthawk System Box.

Memory Upgrade Procedure

Tools/equipment required for Memory Upgrade:

- 256 Megabyte (MB) DIMM
- ¼-inch Hex Nut Driver
- Standard/Flat Head Screwdriver
- Flashlight (optional)

1. Turn OFF all power to the machine.
2. Open the cabinet door housing the Nighthawk system box.
3. Locate the three hex nut screws on the system box (below the warning sticker). Using a ¼-inch hex nut driver loosen the screws but do not remove them.

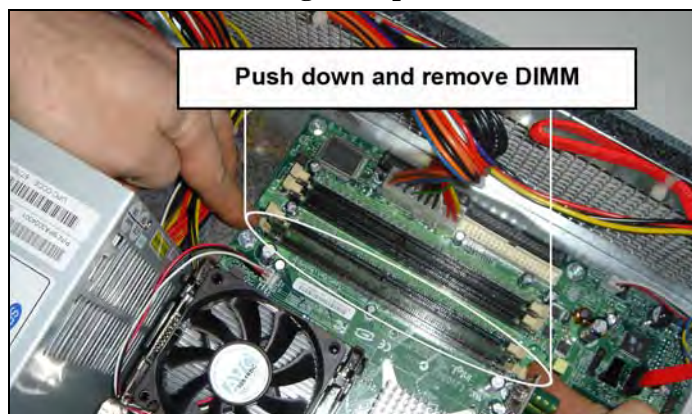


4. Locate the three hex nut screws on the opposite side of the system box. Using a ¼-inch hex nut driver remove the screws and set them aside in a safe place.
5. Using a standard head screwdriver remove the security labels on both sides of the system box. Please note that if the machine's service history includes a software or memory upgrade transaction, opening the system box will **not** void the warranty absent evidence of negligence.
6. Remove the top of the system box and locate the DIMM slots located adjacent to the fan. (See photograph below.)



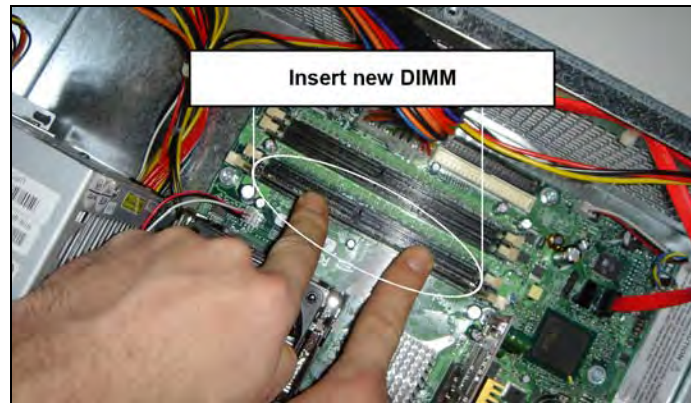
Note: Do not exceed 1 Gigabyte of memory. Do not insert the 256 MB DIMM with any other DIMM. (If using DIMM from another machine remember that identical paired DIMMs are required, either two 128 MB DIMMs or two 256 MB DIMMs.)

7. Push down on the two white or beige thumb latches securing the DIMM on either side. **You must remove any and all DIMMs before moving to Step 9.**



8. Carefully remove the new DIMM from its protective packaging. **Do not touch any part of the DIMM other than the sides of the card.**

9. Insert the new DIMM into slot 0 (zero) on the motherboard (check security key/slot for correct orientation, but usually with the bar code label facing away from the fan). Make sure it is firmly seated but **do not force the DIMM into the slot**. It should fit without using excessive pressure. The key/slot should prevent inserting the DIMM backwards.



10. Ensure the DIMM is secured between the thumb latches.
11. Slide the top of the system box back in place.
12. Replace the three hex nuts on the top panel of the system box and tighten them.
13. Tighten the three hex nuts at the opposite side of the system box (below the warning sticker).
14. Reboot the machine to ensure the new memory is recognized.

Note: On boot up an Intel screen may appear indicating that an increase in memory occurred. Within a few seconds this screen will disappear and the game should continue to boot as expected. Proceed to Part 1: Run Installer Program from DVD Procedure.



Part 1: Run Installer Program from DVD Procedure

Tools/equipment required to run Installer program:

- Software Upgrade DVD
- External DVD Drive
- USB Cable
- Flashlight (optional)

IMPORTANT NOTICE FOR ALL OPERATORS

THE FIRST STEP OF THIS PROCEDURE INVOLVES COMPLETING A COLLECTION ON YOUR MACHINE. IT IS CRITICAL THAT YOU PERFORM THIS FIRST STEP TO AVOID ANY ADDITIONAL ITNET FEES.

1. Complete a collection on your machine. Do not move forward with any other steps until after the collection is finished. **If you do not complete a collection on the machine, all previous games played on that machine will be assessed an ITNet fee.**
2. Clear all leader boards. **If you do not clear the leader boards before loading the new software, the leader boards will not display properly in Silver Strike LIVE.**
3. Turn OFF all power to the machine.
4. Plug the power cord of the external DVD drive into a nearby outlet.
5. Connect a USB cable (not included) from the DVD drive to one of the USB ports on the back of the Nighthawk system box.
6. Turn ON the DVD drive and insert the Software Upgrade DVD. Close the DVD drive drawer.
7. Turn ON power to machine.
8. The game should automatically detect the DVD drive and run the Installer program. Please be patient as this takes several minutes.

Note: If you did not already install the required memory, a red screen appears indicating that the machine does not have the required 256 MB of memory. Follow the Memory Upgrade Procedure at the beginning of this document before moving forward.

Part 2: Install New I/O Board and CID Procedure

Tools/equipment required to install I/O Board and CID:

- I/O Board
 - CID
 - Flashlight (optional)
1. Turn OFF all power to the game.
 2. Copy the three DIP switch bank settings (SW200, SW201 and SW202) from your old I/O board to the New I/O board.



3. Install the New I/O board in the game cabinet. **Be sure the New I/O board is the correct type of board for your cabinet (JAMMA or Non-JAMMA).**

Note: Your New I/O board should have the same connections as your old I/O board. Generally a Kit I/O board has a JAMMA connection, and the I/O board from a dedicated cabinet uses multiple single-row keyed header connections. **DO NOT INSTALL** if the I/O board connections are different than the one currently in use. Contact IT for the correct component.

4. Install the new CID in the game cabinet

Note: Keep the old CID for Step 8 below.

5. Turn ON power to game. **It is important to not lose power or turn off the game during this software update!**

Note: The game **might** change the version of the software in the CID and/or in the I/O board. If so, it **might** ask you to power cycle the game. Please only power cycle the game **if** and **when** it is requested.

IMPORTANT NOTICE FOR OPERATORS WITH MID-RES MONITORS

When the game is first turned on, the boot up text will be garbled and unreadable. This is expected. When you see a screen with red "text" displayed for about for about 15 seconds (or if you see a flash code 11 on D102 of the I/O board) turn OFF power to the cabinet. Wait 10 seconds and power ON the cabinet. The update process should automatically continue.

6. The game should automatically detect the DVD drive and begin the Installer program again.
7. If everything is functioning properly, the Installer prompts you to disconnect the new CID. Power to the cabinet must remain ON while **disconnecting** the new CID.
8. Once disconnected the Installer prompts you to connect the old CID. Power to the cabinet must remain ON while **connecting** the old CID.
9. Once connected the Installer verifies and marks the old CID. When complete, the Installer prompts you to remove the old CID. **This CID cannot be used again.** Be sure to mark it as disabled after removal.
10. The Installer prompts you to reattach the new CID.
11. After the new CID is connected, Press **Start** on the control panel to begin the installation of the software upgrade. **Important! Do not lose power or turn off the game after the Start button has been pressed or any time while the update is in progress.**
12. When the install is complete, the Installer prompts you to turn OFF the game, remove the DVD from the drive, then disconnect the DVD drive (USB cable and power cable), and then turn ON the machine.
13. The upgrade is complete. **This first boot up will take longer than normal, so please be patient!**
14. Discard the old CID. It is no longer usable.
15. Place the new Cabinet ID Number sticker on the back of the cabinet. The old ID Number is obsolete.
16. You will need to register your new Silver Strike LIVE game once updated. Use your ITNet Operator ID Card to access the registration menus, or go to the System Setup Main Menu, then select **ITNet Settings>Register Game.**

Note: If during registration an *ITNet Unavailable* message appears, reboot your machine before attempting the registration process again.



Antenna Installation Procedure

Tools/equipment required to install the antenna:

- Antenna
- Power Drill
- Hex Nut Driver
- Wireless Signal Strength Guide in the Operation Manual

Mount the supplied antenna to the upper back of the cabinet. When mounted vertically, the antenna is omni-directional, so be sure it is as straight as possible to get the widest signal area. Drill a 9/32-inch or 5/16-inch hole behind the antenna cover. Feed the cable through the hole and route the cable to the I/O board. Attach the antenna cover to the back of the cabinet using two 6 x 3/4-inch Hex screws.

Note: Take care not to bundle the antenna wire with other cables in the cabinet.

Antenna Adjustment

The antenna connects to the I/O board and is mounted in a housing to the back of your cabinet. A strong wireless signal is very important to getting the most out of you game. Depending on the positioning of the game in the location, you may need to adjust the antenna's position to achieve the best signal. The antenna's housing allows for a variety of positions within, and the housing itself can be easily moved to a different location using tape or screws. See the Wireless Signal Strength and Antenna Guide found in Appendix F of the manual for more information on getting the best possible wireless signal strength for your game.

USB Card Reader Installation

The card reader is a very important aspect to Silver Strike LIVE, and is very important to keep in good working condition. Players are required to use a card to identify themselves for most of the online features. If the card reader is not working properly, these features will not be available.

- If your cabinet ALREADY has a card reader, follow Step 1A.
- If your cabinet does NOT have a card reader, follow Step 1B.

Note: The template to help drill the proper sized hole can be found in Appendix H of the Silver Strike LIVE manual.

- BOTH types of cabinets follow Step 2.

Step 1A Remove Existing Card Reader (Golden Tee Fore! Cabinets)

If you are using a Golden Tee Fore! cabinet, the existing card reader must be removed and replaced with the USB Card Reader supplied in this kit. Silver Strike LIVE requires a USB card reader to take advantage of current technology. To remove your current card reader, open the coin door to access the card reader. Reach inside and disconnect the ribbon cable from the card reader. Then from inside remove the four 11/32-inch nuts that hold the card reader to the inside of the cabinet. Once loose, pull the card reader out through the front of the cabinet.



Step 1B Cut Hole for USB Card Reader (Other Cabinets)

Tools/equipment required to cut a hole for the card reader:

- Awl
- Electric Handsaw
- Card Reader Hole Template in the Operation Manual

If your cabinet does not have a card reader installed, you must cut a hole to mount the supplied card reader. Position the Card Reader Hole Template (found in Appendix H of the Silver Strike LIVE manual) onto the front of the cabinet, and as high up as possible so players will not have to stoop to insert their cards. Use an awl to mark the center of the four bolt-holes and drill them to size. Use an electric handsaw to cut the rectangular opening to house the card reader.

Step 2 Install New USB Card Reader

Tools/equipment required to install a new card reader:

- Carriage Bolts
- USB Card Reader

Place the back end of the USB card reader through the opening on the cabinet. The large, “fat” part of the front of the card reader faces up. Insert the four carriage bolts into the mounting holes of the metal bezel. Reach through the coin door to secure the 11/32-inch nuts to the carriage bolts, and secure the card reader in place. Connect the USB cable to the card reader and feed the rest of the cable to the back of the cabinet. Connect the other end of the cable to the system box. Power the game back on and test the card reader using the Card Reader Test located in the **Troubleshooting>Info Menu** in System Setup.

Upright Marquee Installation

For Newer Dedicated Cabinets

Tools/equipment required to install the marquee:

- Phillips-head Screwdriver
 - Scissors
 - Double-sided Tape
1. Remove the six security screws that hold the cabinet bezel in place. Disconnect the two speaker connectors. Open the hinged control panel and pull the bezel toward you, so the marquee artwork is exposed.
 2. Carefully remove the old marquee. Be sure the viewing area is clean and free of dirt and debris.
 3. Carefully trim ¼ -inch from the right side of the new marquee. This should allow the new marquee to rest flat in the recessed area of the bezel. Be sure it is straight and correctly oriented. Secure the marquee in place with tape. Double-sided tape is highly recommended. Make sure the new art lays flat and is not bowed or stressed.
 4. Replace the cabinet bezel, making sure to reconnect the speaker connectors.

Note: Marquee installation will be different for cabinets that were not manufactured by Incredible Technologies. Consult your manual.



For Older Dedicated Cabinets and Golden Tee Fore! Cabinets

Tools/equipment required to install the marquee:

- X-acto® Knife
 - Glass Cleaner
1. Using the old marquee glass as a template, center the glass on top of your new marquee. Make sure that all the printed images are visible.
 2. Using an X-acto® knife or other sharp blade, score the new marquee deeply by following the edges of the old glass as a guide. CAUTION: Do not cut on table or counter top. Use a cutting board or a disposable surface.
 3. Carefully break off any excess material you have cut off.
 4. Be sure the light behind the marquee works.
 5. Clean the glass on both sides to give players a clear view of the new marquee.
 6. Install the marquee graphics and glass securely.

Install Side Decals

1. Locate the place where the side decals will be viewed best on your cabinet. Refer to the diagram included on the decal sheet and in the SSBC manual for optimal placement. Make sure the sides of the cabinet are as smooth and flat as possible. Remove all previous residue from prior decals to allow for a higher quality finish.
2. Remove the first of the new cabinet side decals from the backing.
3. Center the first decal on the location selected for your cabinet.
4. Using your hands (or a decal roller/squeegee), press down firmly starting from the center and smooth the side decal outward. Make sure all bubbles have been pressed out for a clean, flat surface.
5. Repeat for each of the remaining side decals.

System Box Filter Cleaning

A clean filter is very important for proper cooling and optimal performance of the hardware. Be sure to clean this filter regularly.

1. With the back door removed, slide out the ventilation filter located on the underside of the system box.
2. Clean the filter thoroughly so it is free of dust and debris.
3. Insert the filter back into the slots of the bracket located on the underside of the system box.