

Rev. 1 (2/19)

## Changing the POS HID Driver for MagTek Magnetic Stripe Card Readers

Prior to Windows 8.1, USB HID magnetic stripe & barcode readers were assigned exclusively to Human Interface Devices. Legacy applications gained full access to these devices by utilizing Windows HID-compliant drivers. Beginning in Windows 8.1, POS HID classes were added:

- Magnetic Stripe Reader
- Barcode Scanner
- POS Printer

With the advent of new classes, legacy applications may no longer access devices using traditional USB HID methods. (Attempts to read or write result in I/O error.) Fortunately, the issue is easily resolved with a simple driver assignment change at the Device Manager. The steps outlined below describe how to re-assign the driver for a MagTek Magnetic Stripe Reader.

- Plug in the MagTek card reader.
- Open the **Device Manager**.

*Tip: Type "device manager" in the Windows search box.* 

- Right-click on Magtek Magnetic Stripe Reader Device.
- Select, Update driver.



## • Select, Browse my computer for driver software

| ÷ | Update Drivers - Magtek Magnetic Stripe Reader Device  | ×      |
|---|--|--------|
|   | How do you want to search for drivers?   |        |
|   | → Search automatically for updated driver software<br>Windows will search your computer and the Internet for the latest driver software<br>for your device, unless you've disabled this feature in your device installation<br>settings. |        |
|   | → Browse my computer for driver software<br>Locate and install driver software manually.   |        |
|   |  |        |
|   |  | Cancel |

• Select, Let me pick from a list of available drivers on my computer.

|   |   | × |
|---|---|---|
| ~ | Update Drivers - Magtek Magnetic Stripe Reader Device   |   |
|   | Browse for drivers on your computer   |   |
|   | Search for drivers in this location:  |   |
|   | ∽ Browse  |   |
|   | Include subfolders  |   |
|   |   |   |
|   |   |   |
|   | → Let me pick from a list of available drivers on my computer<br>This list will show available drivers compatible with the device, and all drivers in the<br>same category as the device. |   |
|   |   |   |
|   | Next Cance  | I |

• Select, **HID-compliant device**. Then, click **Next**.

|   |  | ×  |
|---|--|----|
| ← | Update Drivers - Magtek Magnetic Stripe Reader Device  |    |
|   | Select the device driver you want to install for this bardware   |    |
|   | Select the device driver you want to install for this hardware.  |    |
|   | Select the manufacturer and model of your hardware device and then click Next. If you have disk that contains the driver you want to install, click Have Disk. | a  |
|   |  |    |
|   | Show compatible hardware   |    |
|   | Model  |    |
|   | 🔄 HID-compliant device   |    |
|   | Reg HID-compliant vendor-defined device  |    |
|   | 🔄 Magtek Magnetic Stripe Reader Device   |    |
|   |  |    |
|   | This driver is digitally signed.   |    |
|   | Tell me why driver signing is important  |    |
|   |  |    |
|   | Next Cance   | el |

• Wait for driver installation to complete. Then, restart your computer.

|   |   | $\times$ |
|---|---|----------|
| ~ | Update Drivers - HID-compliant device                                     |          |
|   | Windows has successfully updated your drivers                             |          |
|   | Windows has finished installing the drivers for this device:              |          |
|   | HID-compliant device  |          |
|   | The hardware you installed will not work until you restart your computer. |          |
|   |   |          |
|   |   |          |
|   |   |          |
|   | Close   |          |