

## What are HID and SPP?

- HID and SPP are two different kinds of Bluetooth connections, known as Bluetooth profiles.
- HID stands for Human Interface Device. The most common HID devices are keyboards and mice.
- SPP stands for Serial Port Profile. SPP is used in diverse devices, (e.g., PC, GPS receiver, industrial equipment).
- HID and SPP work differently, and each has advantages and disadvantages.
- The CHS v3 supports both HID and SPP, so you can choose the best method for your business application.

*(Note: The 7X and 7XRx also come in HID only versions.)*

### CHS with Bluetooth HID

PRO	CON
✓ No software installation	✗ Data entry only - no parsing / data checking in custom applications
✓ Works with Apple, Windows, Nokia, Android	✗ Not compatible with SocketScan or Connect!Agent software
✓ Configure CHS by scanning special barcodes	✗ Limited configuration options and character set
✓ Consistent reconnection method for every device type	✗ Many platforms allow only one connection (e.g., Apple)

### CHS with Bluetooth SPP

PRO	CON
✓ Works with BlackBerry, Palm, Nokia, Windows	✗ Software installation required
✓ Works with SocketScan and Connect!Agent software	✗ Not supported on Apple
✓ Works with ActivePairing for roaming between computers / devices	✗ Different device types have different reconnection methods
✓ Enables parsing / data checking in custom applications (SocketScan SDK)	
✓ Configure CHS with SocketScan utility	
✓ Better control of scanner with many configuration options	
✓ Broad character set, including binary, foreign characters	

*Devices must be Bluetooth enabled. Not all models supported. Compatible with select models with Android application.*