



This document is also available as a FreshDesk Solution Article

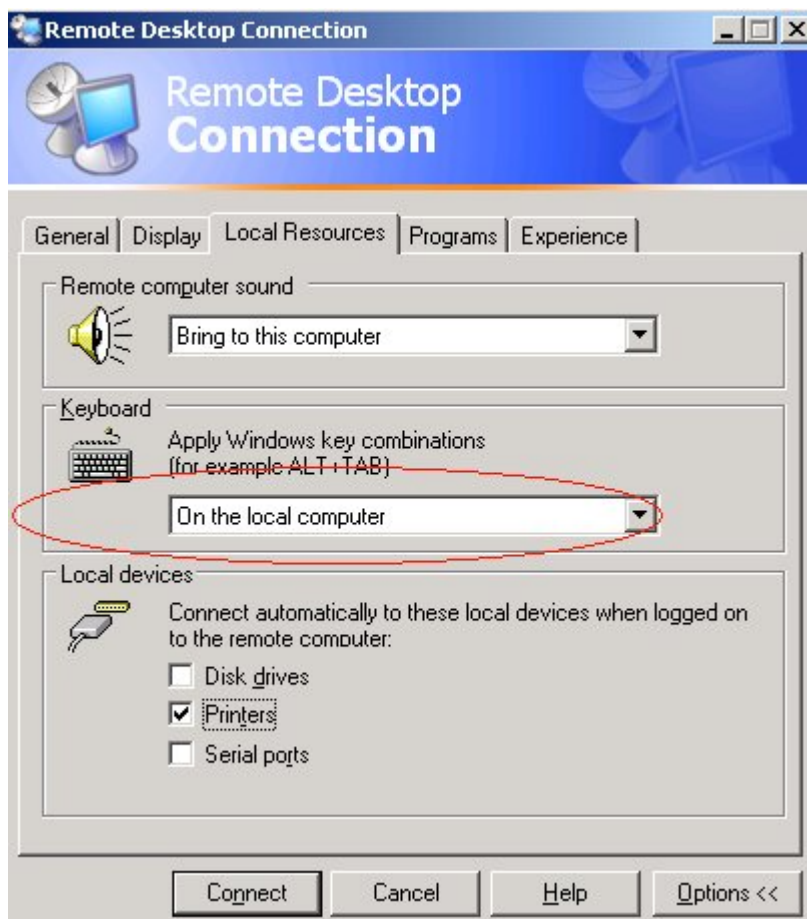
Problem

CTRL+B character (STX Prefix) is not transmitted when scanning a barcode from a client connected via Windows RDP

Solution

Ensure that the client has the “Apply Windows Key Combinations” enabled for the local computer.

Also see article: http://wiki.wws5.com/doku.php?id=setup_of_keyboard_wedge_usb_scanners_via_rdp



Once set, opening a CMD prompt on the Terminal Server via a RDP connection and scanning a barcode with a properly configured scanner will produce a similar output as below:

```
c:\cmd.exe
Microsoft Windows [Version 5.2.3790]
(C) Copyright 1985-2003 Microsoft Corp.

c:\>b6z0322a02339
'b6z0322a02339' is not recognized as an internal or external command,
operable program or batch file.

c:\>^B6Z0322A02339
'^B6Z0322A02339' is not recognized as an internal or external command,
operable program or batch file.

c:\>_
```

If you are running Windows 10 and still do not get the ^B character, you will need to run the command prompt as an administrator on the local workstation, and on the remote session, then check the properties of the command prompt.

- Click Search or right click on the Windows button on the task bar and select Search.
- Type cmd. Command Prompt should show at the top of the search window.
- Right click on Command Prompt and select run as administrator.
- Right click on the top of the command prompt window where it says Administrator: Command Prompt, and select Properties.
- On the bottom of the Command Prompt Properties window, check the checkbox that says Use legacy console (requires relaunch).
- Click OK and then close the command prompt window.
- Relaunch the command prompt and scan a barcode. You should now see the ^B

updated by Steve Wind June 29 2018

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