

# Application Note



Product: Ascom DCT1900/DCT1900+  
Purpose: Activation of RE Printer Port  
Date: 10/04/06

## Activation of the DCT1900/1900+ Radio Exchange Printer Port

### Background/Overview/

If required by the Customer, service messages (errors, information messages and faults) can be reported via the Ascom Radio Exchange's printer port. Any device that accepts ASCII printer information can be connected to the printer port via a serial cable. This document explains how to configure the Radio Exchange send messages to the printer port.

### Procedure/Steps/

The Radio Exchange must be configured to send service messages to the printer port. This is done using the Cordless System Manager software. The messages are printed in order of appearance. Service messages that appeared before the printer was enabled will not be printed.

**Note: The following steps can be performed on a live system and will not cause any service interruption.**

1. Connect to the Radio Exchange using Cordless System Manger (CSM).
2. Change Access Level to "Distributor" **Menu path: System - Change Access Level.**
3. Go to **Menu path: System – Configuration.**
4. Chose the "CPU Settings" tab.
5. Enable "Send error messages to RE printer".
6. Set "Printer/SMS protocol to **Printer (N,8,1).**
7. Set "Printer/SMS baud rate to match device.
8. Save changes and disconnect CSM.
9. Connect a PC to the printer using available comm port on the PC and a null modem cable.
10. Open Hyper Terminal or any terminal emulation program.
11. Set comm port settings to match the settings that were set above.
12. Once connected to the printer port using your terminal emulation software, perform a **Control Q.** This is done by depressing the Ctrl key and the Q key on your keyboard. This is the finally step to activating the printer port!
13. Disconnect PC from printer port and connect device to receive messages.

**Note: If power is reset on the RE or if the RE is reset, you must reinitiate steps 9-13.**

### **Additional Information**

If you have any questions about this bulletin, please contact Ascom Technical Services at 1-877-712-7266 option 3.