

Technical Bulletin 00-02



Bulletin #: CS-00-002

Product Type: Link 3000

Software Version: .026 or greater

Hardware Revision: All

Access Level: Reseller

Originator: Matt Jerger

Status: Approved

Approvers: John Elms, Gary Bliss

Date: February 17, 2000

Title: Setting up a Link 3000 to capture Call Detail Record data.

Description: This document describes the steps needed to connect and capture CDR data from a Link 3000 system. The Link 3000 can be set to output CDR data every time a user makes or receives a wireless telephone call.

Hardware: The customer must have some way to record and store the CDR data. The recording and storage device can either be a PC or a serial port buffer box (such as Western Telematics Pollcat) directly connected to the SpectraLink system. This device must be left connected to the system continuously to collect accurate and complete data. A software tool, *CDR Capture*, is available from SpectraLink to compile the data collected. Connecting the CDR recorder to the Link 3000 requires a 9 pin, RS-232 Null cable. The cable should be connected from the recording device to the serial port on one of the Expansion Controller cards (CSC300, CSO300) or to COM B on the System Controller Card (CSC301, CSC306, CSC320 or CSO301, CSO306, CSO320).

Setup: A com port on the Link 3000 must be enabled to collect CDR data. This is done from the F10 screen in chk3000. To change the setting, highlight the com port and press Enter. Select CDR and press Enter. The example below shows that the com port on cabinet 2 has been configured for CDR.

```
MS-DOS Prompt - chk3000
F10 - COM Port Administration

1.1 Admin 9600 N 8 1 Off      Admin 9600 N 8 1 Off
2.1 CDR 9600 N 8 1 Off
3.1 Admin 9600 N 8 1 Off
4.1 Admin 9600 N 8 1 Off
5.1 Admin 9600 N 8 1 Off
6.1 Admin 9600 N 8 1 Off
7.1 Admin 9600 N 8 1 Off
8.1 Admin 9600 N 8 1 Off
9.1 Admin 9600 N 8 1 Off
10.1 Admin 9600 N 8 1 Off
11.1 Admin 9600 N 8 1 Off
12.1 Admin 9600 N 8 1 Off
13.1 Admin 9600 N 8 1 Off
14.1 Admin 9600 N 8 1 Off
15.1 Admin 9600 N 8 1 Off
16.1 Admin 9600 N 8 1 Off
17.1 Admin 9600 N 8 1 Off
18.1 Admin 9600 N 8 1 Off
19.1 Admin 9600 N 8 1 Off
20.1 Admin 9600 N 8 1 Off
```

Gathering the Data:

Once the data has been collected for a desired amount of time, it may be analyzed. A software tool, CDR Processor, available from SpectraLink can be used for this process. Both software tools run under Windows 95, 98, or NT. For more information, please refer to Application Note labeled "Capturing and Analyzing CDR Data from the Link 300 WTS".



DISCLAIMER

THE INFORMATION PROVIDED IN THE SPECTRALINK TECHNICAL BULLETIN IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. NO OBLIGATION OR LIABILITY WILL ARISE OUT OF, SPECTRALINK RENDERING TECHNICAL OR OTHER ADVICE OR SERVICE IN CONNECTION HEREWITH.