

Technical Bulletin 99-04



Bulletin #: CS-99-004

Software Version: .009 or better

Access Level: Reseller

Status: Approved

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Product Type: Link 3000

Hardware Revision: All

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Title: OAI Integration on a Link 3000 System.

Description: When installing an OAI application on a Link 3000 system make the following changes. If these changes are not made, then the system may not operate properly or the Wireless Telephones may not respond to the OAI application.

Hardware: Connecting an OAI application to the Link 3000 system requires the customer to have OAI capable controller cards. The system controller cards that are needed are a CSO301, CSO306 or a CSO320. All expansion shelf controllers must be CSO300s. If all of the cards are not of the same type the cabinet with the incorrect controller card will not work. Connecting the OAI server to the Link 3000 requires a 9 pin, RS-232 Null cable. This cable should be connected from the application server to the serial port on one of the Expansion Controller cards (CSO300) or to COM B on the System Controller Card (CSO301, CSO306, or CSO320). The distance limitation between the application server and the SpectraLink system is 100 cable feet.

Setup: Install all required cards and verify the software version, then perform the following steps to make the Link 3000 OAI ready.

Step #1 – Set up the com port to recognize the OAI application. This is done from the F10 screen in chk3000. To change the setting, highlight the com port and press Enter. Select OAI and press Enter.

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

1.1 Admin 9600 N 8 1 Off OAI 9600 N 8 1 XOn/XOff
2.1 Admin 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
```

Step #2 – Set up the FCN key to access the OAI application. This is done from the F6 screen in chk3000. Be sure to choose a FCN key that is not being used. Highlight that key and press Enter. Type in ##555 and select Save. Now when that FCN key is pressed (FCN 0 in this example), it will access the OAI application.

```
MS-DOS Prompt - chk3000
F6 - MCU Macros Display

Macro Key Sequence

1
2
3
4
5
6
7
8
9
*
0 ##555
#
```

Troubleshooting Tips:

Problem	Probable Cause	Solution
Display reads "Function Not Active"	The OAI application has been shut down	Check the OAI application.
	The com port on the Link 3000 has not been set to OAI	Change the com port setting to OAI in the F10 screen.
Display does not change when FCN key is pressed	The FCN key has not been programmed correctly	Program the FCN key in the F6 screen to ##555.
Display goes blank and there is no audio when FCN key is pressed.	The cable between the Link 3000 and the OAI server has been unplugged.	Check the cable connection between the Link 3000 and the OAI server.
Wireless Telephone will not ring when message is being sent to it.	Ringer has not been set properly.	Check the Auxiliary ringer setting.
	The Wireless Telephone is connected to a Digital Interface module, but is not getting dialtone.	Connect dialtone to that port.

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