



IDS Lift-Net Tech Support

Programming the Lift-Net Logical Port

1. Run the Lift-Net Monitoring program
2. Click on "Show menus"
3. Login
4. Click on "System"
5. Click on "Integrated Display".
6. Click on "Computer Setup (Integrated Display Only)"
7. Select a logical port to edit. Refer to banks using this port at the right center of the "Computer Setup" screen and the following table (lp2) to determine the logical port settings.
 - a. If this bank is connected to a **PC serial port** use the right/left arrow buttons to select a com port. Enter the Baud Rate and Parity. Place a check in the boxes DTR and RTS. Skip to table (lp2)
 - b. If this bank is connected to a non Lift-Net computer such as **LobbyVision, E-Link, or MCE I platform** use the right/left arrow buttons to select (LobbyVision, E-Link, MCE (i), etc.). Enter the IP address of the non Lift-Net computer. Skip to step 11.
 - c. If this bank is connected to an **LN Link serial server** use the right/left arrow buttons to select Vlinux port 4000. Enter the IP address for the LN_Link serial server. Skip to step 8.

Baud Rate and Parity may be different per controller manufacturer and model.

(Table lp2)

Elevator Controller	Baud Rate	Data/Stop bits	Parity
CEC/Swift 5000	9600	8-1	NONE
CEC/Swift Futura	19200	8-1	NONE
ELEVATOR CONTROLS (all)	19200	8-1	NONE
FUJITEC	19200	8-1	NONE
GAL Galaxy	19200	8-1	NONE
LIFT-NET Hardware panels	19200	8-1	NONE
MCE (all except "i")	19200	8-1	NONE
MIPROM 1	9600	8-1	NONE
MIPROM 21	9600	8-1	NONE
OTIS (211- 411, 335)	19200	8-1	NONE



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(cont'd)			
KONE S controller	9600	8-1	NONE
KONE ECO3000	9600	8-1	NONE
SCHINDLER 9300	19200	8-1	NONE
TKE (TAC20, TAC50, T-4)	9600	8-1	NONE

8. If the logical port is using a single port LN_Link 1 then skip to step 11.
9. If using a multi-port LN_Link 2 or LN_Link 4, set the logical port
 - LN_Link 2 port 1 set to "Vlinx 4000"
 - LN_Link 2 port 2 set to "Vlinx 4001"
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 - LN_Link 4 port 1 set to "Vlinx 4000"
 - LN_Link 4 port 2 set to "Vlinx 4001"
 - LN_Link 4 port 3 set to "Vlinx 4002"
 - LN_Link 4 port 4 set to "Vlinx 4003"
10. Enter the IP Address for the multi-port LN_Link. The IP address will be the same for all logical ports connected to the same multi-port LN_Link.
11. Click "Save" from the Menu bar. Shutdown and restart the Lift-Net application, a reboot is NOT needed.
12. When Lift-Net monitoring has restarted, Log In.
13. If any banks are indicating "NO COM" or "NO TCP" skip to Troubleshooting..

Troubleshooting

"NO COM" indicates a connection problem from the Lift-Net monitoring computer serial port or LN_Link to the elevator controller. Problem is usually local in elevator machine room.

- Check the Logical Port settings (baud rate, parity, etc)
- If a port powered protocol converter is used (LN422 (beige DB9), etc) check wiring.
- If a protocol converter (LN_Link, LN485 (black box), etc.) is used check wiring, verify the power supplies are operating.



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- If using an LN_Link check the settings refer to IDS document “Programming the LN_Link serial server”.
- If using a serial port use Windows Device manager to verify the PC serial port is correctly configured and operating.

“NO TCP” indicates a connection problem from the Lift-Net monitoring computer and the network device (LN_Link, E-Link, etc.). Problem can be in elevator machine room Ethernet connection, LAN/WAN Ethernet wiring, or IP address or routing.

- Verify the network wiring is complete and correct. Check for a “Link” light.
- If a protocol converter (LN_Link, LN485 (black box), etc.) is used check wiring, verify the power supplies are operating.
- Verify IP address, Gateway, Subnet mask are correct.
- Verify with IT Dept. that all routers, switches, etc. are properly programmed.