



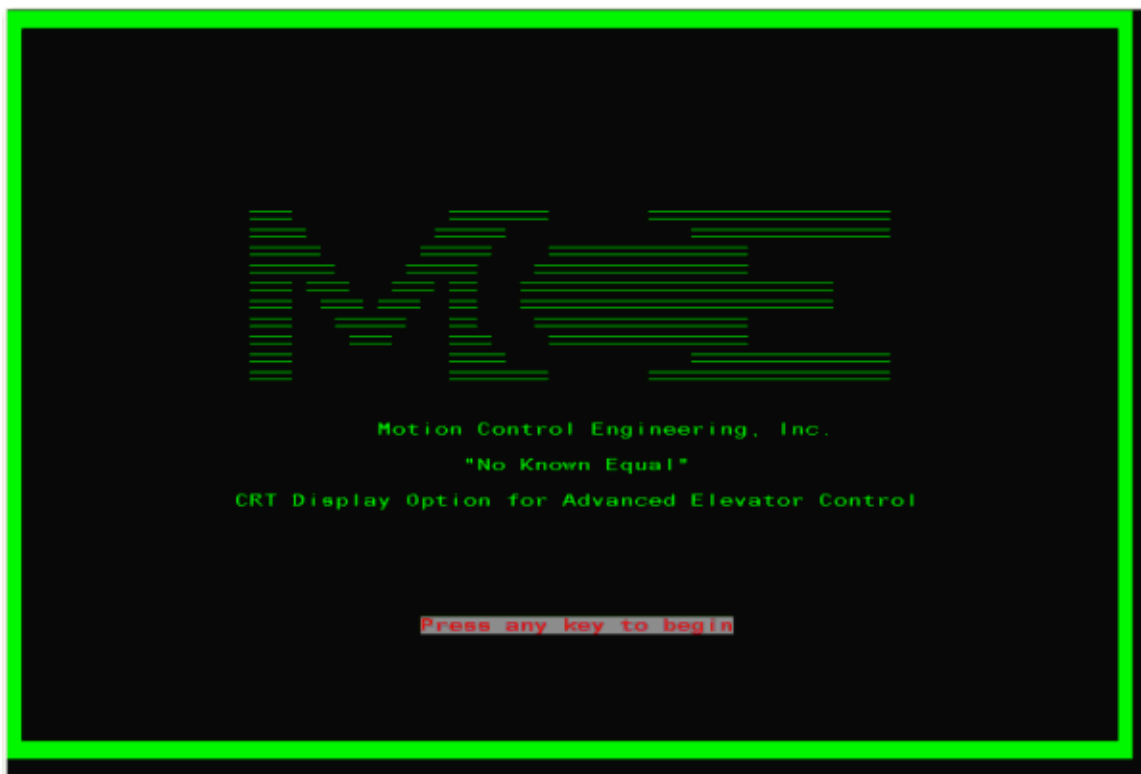
LIFT-NET[®] / MCE CONNECTIONS

IMC
IPLATFORM
INTELLANET

Motion Control Engineering MCE "IMC" Controllers

Verify controller software is Lift-Net compatible.

At the MCE keyboard "Press Any Key" to begin



IMC

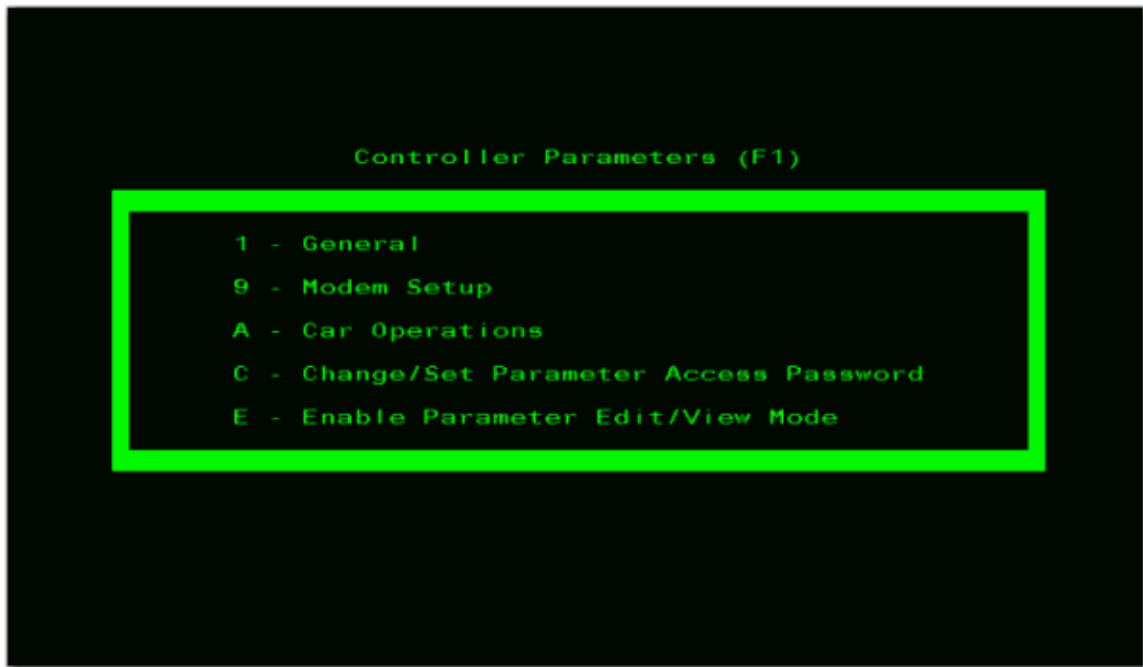
With Simplex controllers select controller parameters (F1).

With Multi-car groups select group parameters (F1).



IMC

Select option 1 General.



IMC

Verify ICOM parameter is set to MCE com port (1-4). Lift-Net modular interface cable should be plugged into corresponding port. Set MCE com port switch to DCE.



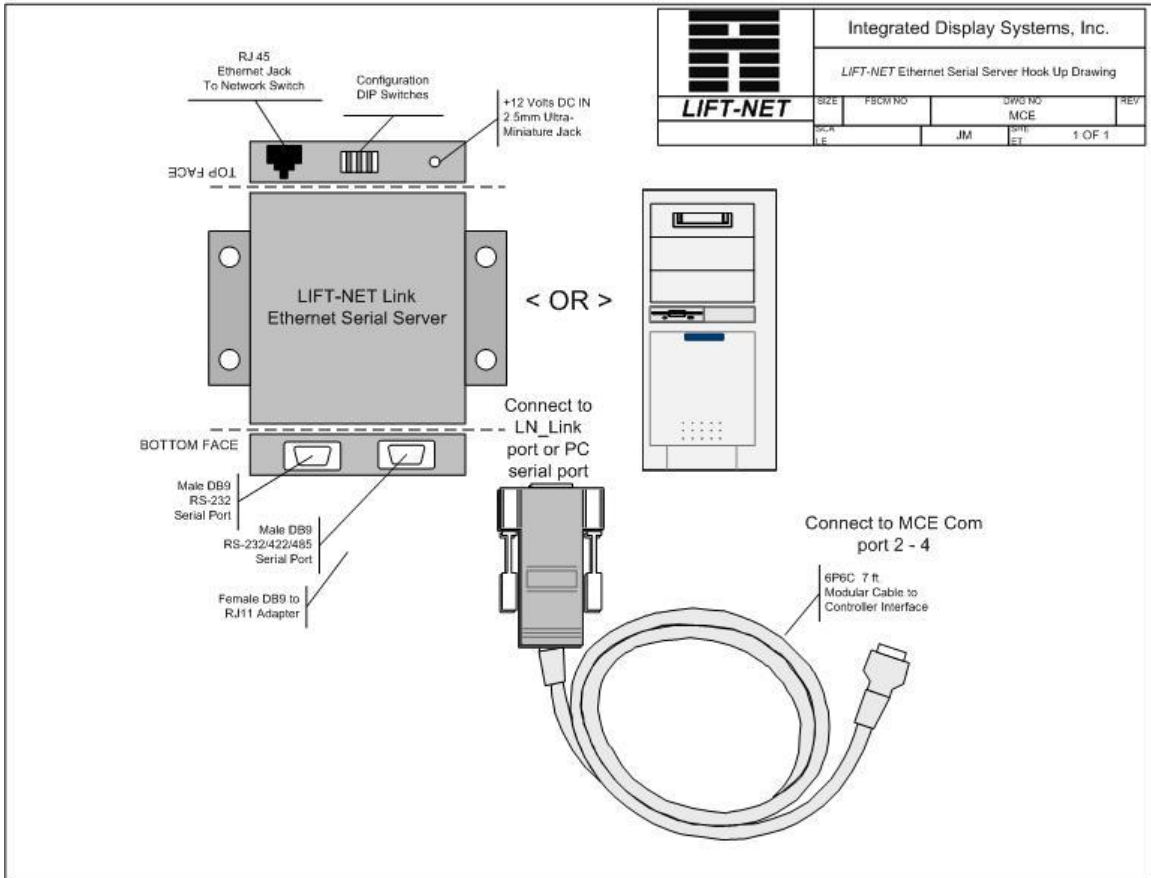
This completes the MCE com port assignment process.

Refer to "Logical Port Assignment" in this document for details to assign the Lift-Net "logical port".

Using the Lift-Net LN/DB9 modular cable connect the RJ-11 plug to the MCE Group Supervisory controller com 1 - 4. Connect the Lift-Net LN DB9 / MOD Adapter to the Lift-Net computer or LN_Link serial port.

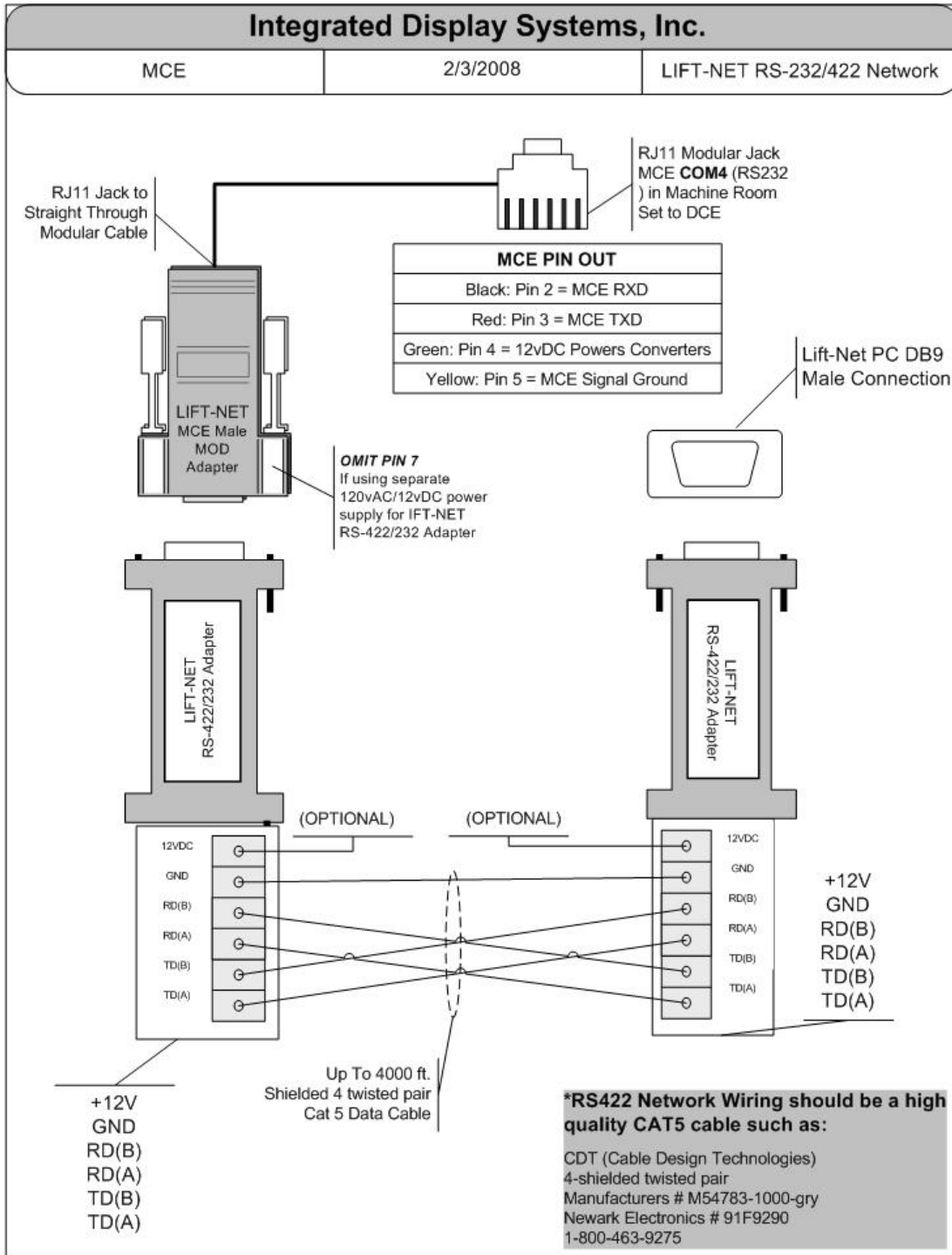
IMC

Connect MCE to Lift-Net Computer RS232 Serial Port or LN_Link Port



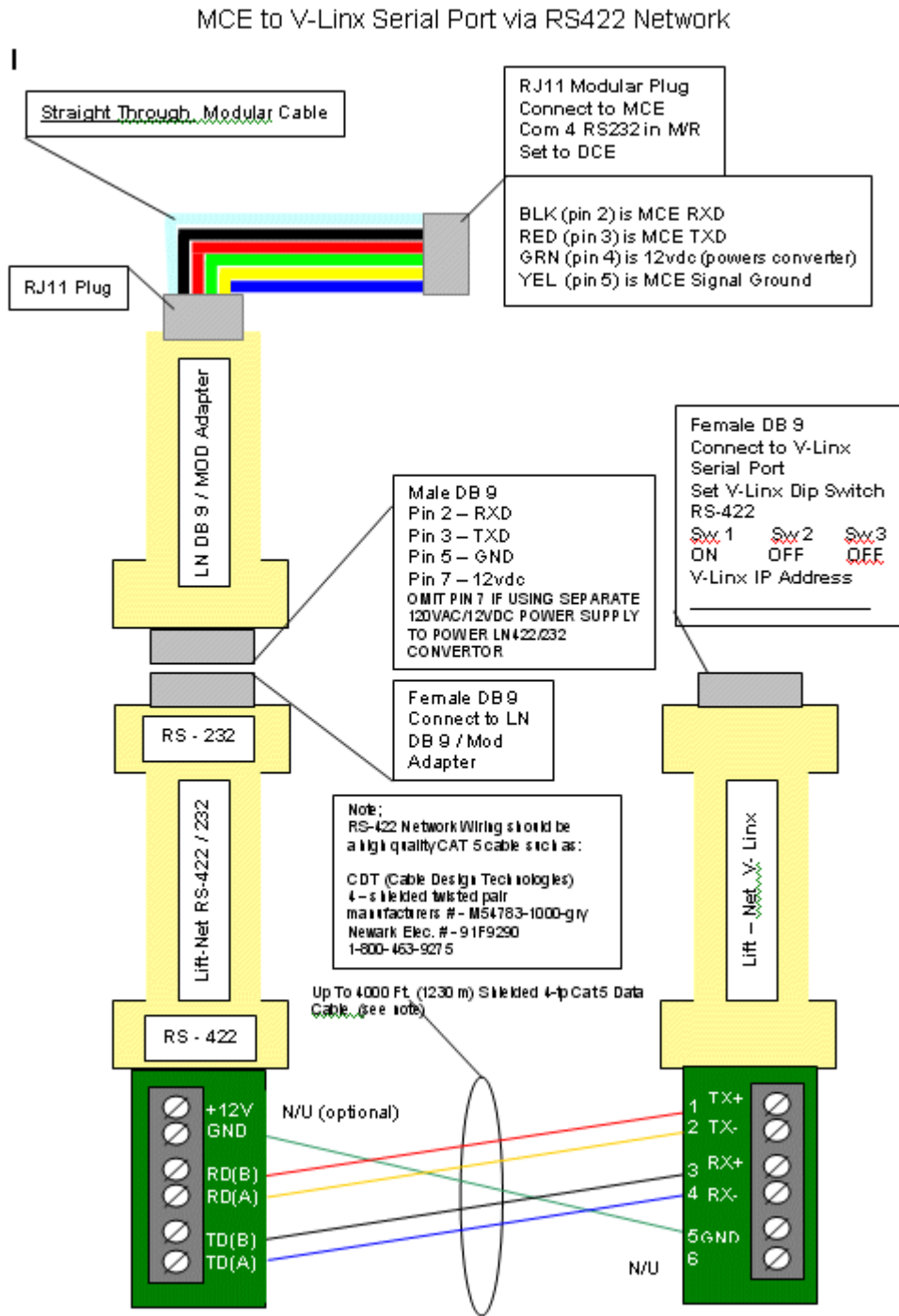
IMC

Connect MCE to Lift-Net Computer RS232 Serial Port Using an RS-422 Network



IMC

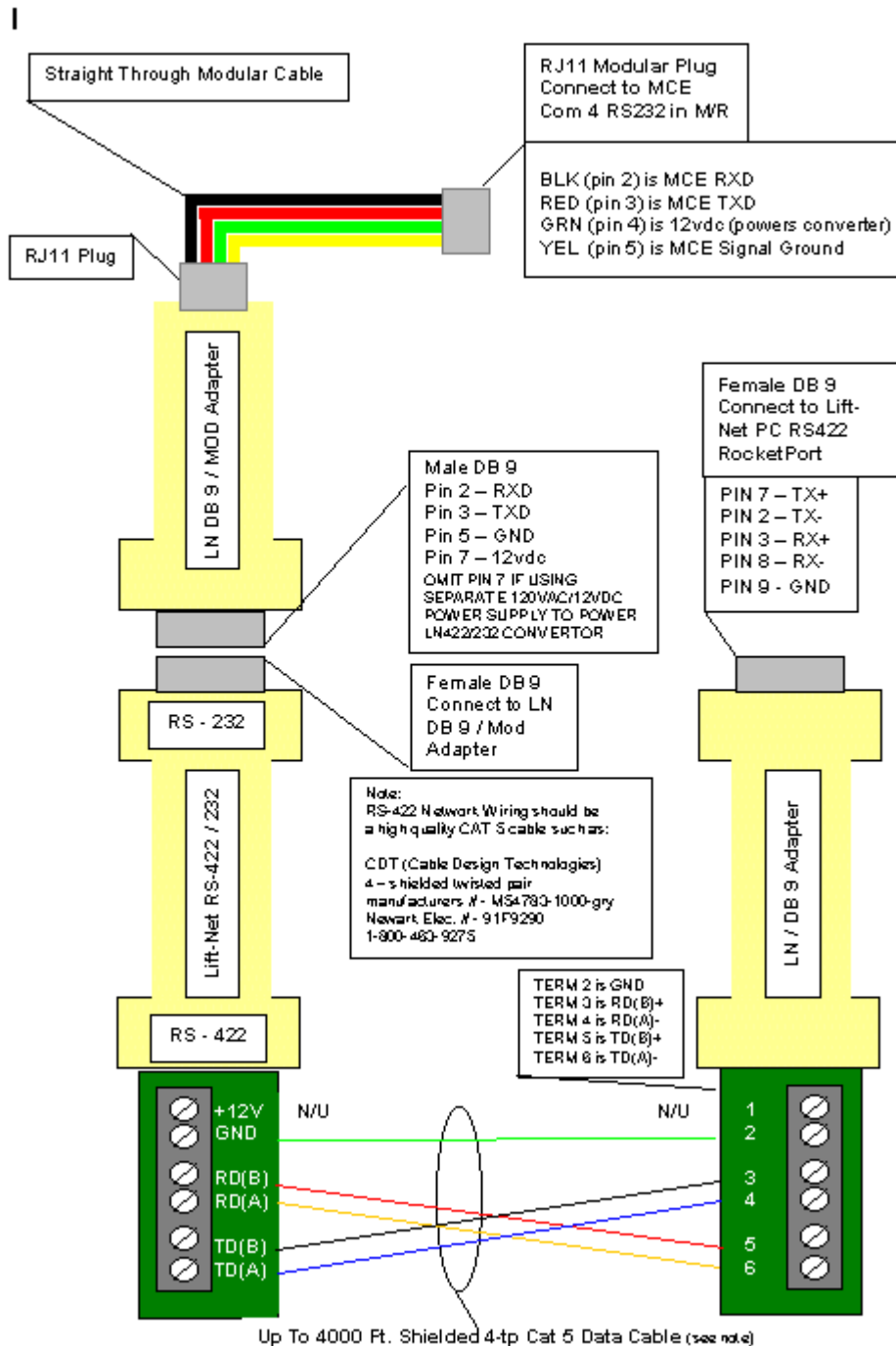
Connect MCE to LN_Link Port Using an RS-422 Network



IMC

Connect MCE to Rocketport RS422 Serial Port Using an RS-422 Network

MCE Connection to Lift-Net Rocketport RS422 Serial Port



MCE iPlatform

Register the Lift-Net iManager program

Create a folder named "mce" as a subfolder of the "lift_net" folder.

Copy and paste the following files to the "\lift_net\mce" folder; MCEiMgr.exe, MCETestVB.exe, RegMCEiMgr.bat.

From the command prompt type "CD \lift_net\mce"

Run the program RegMCEiMgr.bat. When prompted press "any key"

This completes the registration. Exit the command prompt (DOS window)

Configure Lift-Net to run on a dedicated network

Assign a logical port to communicate with Lift-Net.

To assign a logical com port, click on the Systems menu. Arrow down then click on Expert Computer Setup (Port Assignment). Use the spinner to select MCE iplatform, fill in the IP address of the MCE iQue computers LAN (local area network) NIC (network interface card).

Connect a CAT5 or CAT6 patch cable from the Lift-Net computer to the MCE LAN network switch. (blue network)

Exit and restart Lift-Net monitoring.

Configure Lift-Net to run on a building or campus LAN/WAN network

MCE iQue computers use an IP scheme of "192.168.191.nnn". Lift-Net connects and receives data from the iQue. When the "building" network has an IP scheme different than MCE's, we need to install a 2nd NIC in the iQue computer to "talk" on the building LAN. Install an additional NIC in the iQue computer.

Install drivers supplied with the NIC.

Connect a CAT5 or CAT6 patch cable from the 2nd NIC in the iCUE computer to the MCE LAN network switch. (blue network)

Assign a logical port to communicate with Lift-Net.

To assign a logical com port, click on the Systems menu. Arrow down then click on Expert Computer Setup (Port Assignment). Use the spinner to select MCE iplatform, fill in the IP address of the MCE iQue computers LAN (local area network) NIC (network interface card).

iPlatform

Check the box "use 2nd network card for data". Enter the IP Address of the iQue computers System NIC.

Select the "Identity" from the drop down menu of the iVue NIC network site.

Exit and restart Lift-Net monitoring

MCE Intellanet / O'Thompson Microflite 2000

Connection From Controller or Group Supervisory to Lift-Net Monitoring Computer or LN_Link Serial Server in Machine Room, when using a straight RS-232 connection. (less than 50 feet -15 meters).

Use DB9 Female to DB9 Female Null Modem Cable.

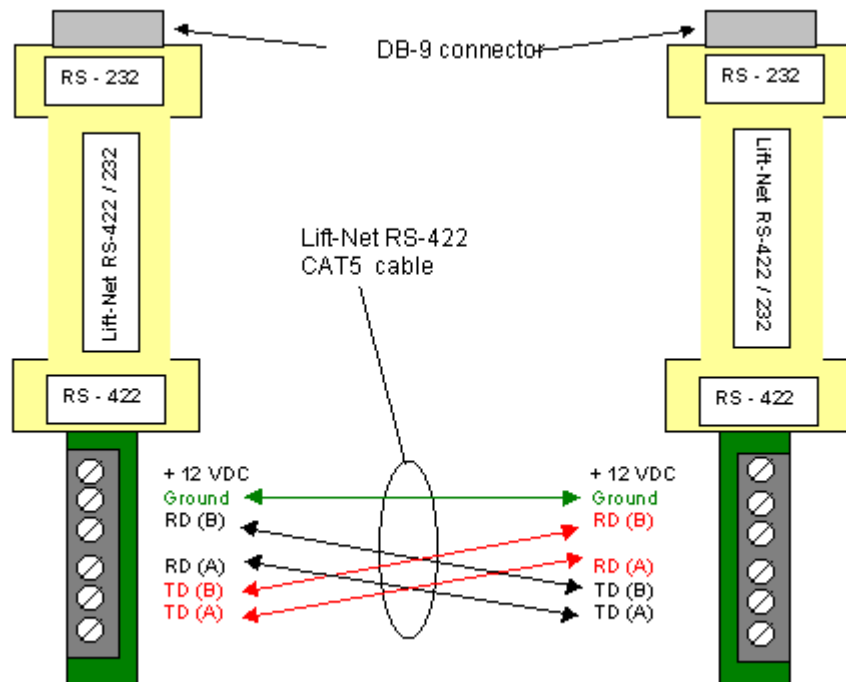
Connect one end to the Controller MPU board DB9 socket P1. When a Group Supervisory Controller is present, connect to Supervisory MPU board DB9 socket P1.

Connect the other end to Monitoring Computer DB9 socket Com 1 or LN_Link serial port. Connect additional bank or simplex controller to Com 2, etc. When multiple banks are being monitored each bank must use a discrete Com Port. Special hardware is required at the Monitoring Computer for More Than 2 Com Ports. Contact Tech Support

TECH NOTE: When a NULL MODEM CABLE is not available, a straight through DB9 Female to DB9 Female cable can be used. with a Null Modem Adapter installed at the Monitoring Computer Com Port.

Intellanet

Connection From Controller or Group Supervisory to Lift-Net Monitoring Computer in Remote Location (50 feet / 15 meters or more), using an RS-422 network.



Logical Port Assignment

Whichever elevator controller com port is used to communicate with Lift-Net it must be assigned to a Lift-Net logical port.

To assign a logical com port, click on the Systems menu.

Arrow down then click on Expert Computer Setup (Port Assignment)

Use the spinner to assign the Logical port to the com port that this car or group is connected to.

When using a LN_Link box assign logical port to LN_Link port 4000.

Fill in the IP address assigned by local IT Dept.

The screenshot shows the 'Integrated Display ONLY Computer Configuration' window. At the top, it displays 'Lift-Net Version #16.53', 'Config File Version # 15.03', 'JobName UWM', and 'Config File Date Wed, Dec 20, 2006 2:51 pm'. Below this, there are fields for 'Lift-Net Executable Date' (Wed, Sep 12, 2007) and 'Screen Dimensions (w by h) Screen 1024 / 768 Liftnet 1024 / 768'. A 'Local IP Address if using IP Ports' field is set to 0.0.0.0. There are checkboxes for 'Override Screen Dimensions' (unchecked), 'Use Second Network Card for data input' (checked), and 'Automatic Refresh All Frequency' (checked).

Logical Port	Assigned Port	Baud Rate	Parity	DIR	RTS	DHCP or IP Address	Banks Using This Port	Automatic Refresh All Frequency	IDS Panel Refresh by Board
1	Comm1	19200	None	Enabled	Enabled		H.C. White	None	<input type="checkbox"/> No
3	Comm2	9600	None	Enabled	Enabled		Old Hosp #13	None	
4	Net Burner						Old Hosp 6/7	None	
33	LN-Link (Port 4000)					192 168 6 155	Lot 76 -1	None	
34	LN-Link (Port 4007)					192 168 6 156	Lot 76 -2	None	
35	GE Ethernet						Chamberlin -1	None	
36	ATOP TCP/IP					192 168 6 156	Chamberlin -2	None	
38	Systech					0 0 0 0	Extra Status from Chamberlin -1	None	<input type="checkbox"/> No
39	LobbyVision					0 0 0 0	Extra Status from Chamberlin -2	None	<input type="checkbox"/> No
40	Net Used						Park St. #1-2	None	
41	Kone Elink					192 168 4 100	Park St. #3-4	None	
42	MCE IPlatform					192 168 6 157	Vet #1	None	
43	Kone OPC						Vet #2	None	
44	Special (Port 4001)					192 168 6 157	Chemistry 3 Controls	None	
45	Special (Port 4031)					192 168 6 154	Extra Status from Chemistry	None	<input type="checkbox"/> No