1. Where shall I put the cards?

There are 2 cards that have to go in certain locations, these are the PRI and 8BSI cards. These cards can go into any shelf but must go into the first three slots.

The *i*DCS500 with L pack software will support three 8BSI cards. If multiple cards are installed they must be placed next to each other on the same shelf, they may be installed on any shelf of the system.

2. How many cards can be installed in a shelf.

The limit on how many cards can be installed in a shelf on the *i*DCS500 is determined by how many power supplies are installed, either 1 or 2 and what the cards are. The configuration program will specify the number of power supplies the system needs, if the configuration programme is used for changes and additions then a record can be kept of the site, and errors eliminated.

Table 1shows power consumption of the various interface cards. Cards not listed do not need to be considered. One PSU will supply 56 SEPU's, two PSU's will supply 120 SEPU's.

Card type	No of ports (SEPU's)	Remarks
16SLI	16	
16MWSLI	16	
16DLI	16	
8DLI	16	Due to 2B(kdb-d/s)
8SLI	8	
8MWSLI	8	
4SLI	4	
4BRI	8	Due to S_0
Cadence	8	
SVMi8	8	
8BSI	24	

Table 1: Power consumption for PSU configuration.

3. Why do some of the cards on a shelf work and some do not.

This is most likely to be because there are not enough power supplies on the shelf that the card is in, check Table 1.

4. Why do the last 8 ports on a 16 port card not work.

This is because there is not enough power as in question 3, refer to Table 1 to work out the consumption and requirements. Any ports over the maximum allowed will not be started.

5. Should I default the system before programming.

Yes – All systems should be defaulted before programming, this is done in the same way for all systems, go to MMC811, select the CLEAR MEMORY option, select YES twice.

6. How can I make sure my system has the latest up to date software on it.

The system is shipped with a Smart Media card, on the Smart Media card will be the latest versions of software for the system. Use MMC818 to download the software from the Smart Media card to the various system cards ALL relevant cards must be upgraded. These are the SCP and LCP cards, these use the same software, the TEPRI and LAN. The MCP will automatically be upgraded when the system starts up.

7. My PRI lines are not working.

Have you set up the switches on the TEPRI card correctly, the correct setting for connection to a PRI circuit from the network is shown in Table 2.

Switch Number	Function	PRI (EU)
1	T1/E1	**Off**
2	PRI/T1/E1	**On**
3	NFAS24B/NFAS 23B+D	**Off**
4	Network/User	**Off**
5	AFT/Normal	**Off**
6	Not Used	**Off**
7	Not Used	**Off**
8	Card ID	**On**

Table 2: TEPRI switch options

8. Can I use the 8BSI card from my DCS system in the *i*DCS500.

Yes – The 8BSI card will need a software upgrade, which will have to be done by Samsung, and the card will need to be of the later Flash Memory type and not have a removable EPROM.

9. Can I use the 4BSI card from my DCS system in the *i*DCS500.

No – This card is not compatible with the *i*DCS500 system.

10. Why can I not connect my PC to the *i*DCS using the LAN port.

To configure the LAN port on the iDCS500 you MUST input the IP address, Subnet Mask AND Gateway IP address. After this the card MUST be restarted. No other settings should be changed. The IP address on your PC's LAN card must be set to another IP address in the same range as the system, with the same Subnet mask and same Gateway IP address. To test if you have configured the iDCS and your PC correctly, from a command prompt on your PC type "ping" followed by the systems IP address, press ENTER. You should get 3 responses back giving the destination address, the delay and the Time To Live (TTL).

11. Can I use the same TSP for third party CTI as on the DCS and Compact II.

No – There is a new TSP (ver 3.2.2.1), this uses the LAN connection to the *i*DCS500. This TSP is shipped with the system.

12. What size of UPS do I need for the *i*DCS 500.

To work out the power consumption of the *i*DCS 500 is quite easy. There are 2 types of PSU card the PSU-B and the PSU-60. The PSU-B is the new card specifically for the iDCS500, the PSU-60 is the existing card used for the DCS system, you may have a mixture of both cards in your system if you have upgraded from a DCS and re-used the PSU cards from this system.

Once you have identified the types of cards in your system and the number of them multiply the PSU-B's by 150, and the PSU-60's by 120, add the two results together and you have the MAXIMUM power consumption for the system in watts.
e.g. You have a 3 shelf system that is an upgrade from an existing 2 cab DCS, the first shelf has 1 PSU-B and the other 2 shelf's have a PSU-B and a PSU-60, therefore the power consumption will be.

$$3 \times 150 = 450$$
$$+$$
$$2 \times 120 = 240$$

$$= 690W$$