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1) Minimum configuration

- 256MB RAM
- ATX POWER SUPPLY with 3.3 Volts
- CD Driver
- free 1/1 full length PCI slot per board
- Max. consumption per board:
 - 3.3 V.....1.5 Amp.
 - 5.0 V.....1.0 Amp.
 - +12 V.....0.5 Amp.
 - 12 V.....0.1 Amp.

2) USPC3100 DRIVER Installation

- turn off the PC
- insert your USPC3100 card in a 1/1 full size PCI slot
- turn on the PC
- Log on as Administrator or as a user with administrative privileges

.....Operating System detects a new PCI card.....

- put the USPC3100 Install Software CDROM in the right device (E:\, D:\,.....)
- select specific localization: d:\USPC3100\Driver
- click "next" till USPC Card Driver is fully installed
- Go to "Device Manager" and verify the Card Driver is well installed:
 - SIWDM:
 - SIWDM OK!
 - SIWDM:
 - SIWDM? CONFLICT!
 - Verify in "Device Manager" that all other devices are well installed and do not come in conflict with USPC3100 Driver.
 - Plug the board in another PCI slot
 - Use another PC
 - (No device)
 - NOT OK!
 - Verify the card is properly plugged in slot
 - Plug the card in another PCI slot
 - Use another PC

3) USPC3100 API software installation

- Run d:\USPC3100\Uspc installer.exe (if D: is your CD-ROM unit)
- Click on Install USPC
 - Read instructions
 - Select "I agree" to install
 - Select "Yes" or "No" to enable a message when USPC board certification is expired.
 - Select your directory to install USPC software
- Click on Install LabVIEW 8.5 Run-Time engine (This Runtime is necessary to run USPC standard application)

<< SWITCH OFF/ON THE PC BEFORE RUNNING SOCOMATE API SOFTWARE>>

4) Run SOCOMATE API software for settings & A-scan scope

- C:\uspc\applications\pcxus.exe
- Error message: "Card S/N not found"
Verify S/N in pcxus.ini file that must correspond to Cards S/N into the same PC
USPC3100 Card could be suspected of failure, change it as well as S/N in pcxus.ini file.
- Error message: "Error in Step,.....on Board N"
Verify you use an ATX supply with 3.3Volts
Verify ATX supply consumption when several cards into the same PC
Run the API Software again
Change the Board in Error
If all boards in Error, use another PC.
Send PC with Board(s) to Socomate International.

5) Run ACQ SOCOMATE software for A/B&CSCAN data acquisition

- C:\uspc\applications\acquisition.exe

6) Update USPC CARDS Software

- Run d:\USPC3100\Uspc installer.exe (if D: is your CD-ROM unit)
- Click on Install USPC and select one type of installation:

Modify	will give you access to the "custom" selection
Repair	will restart the previous installation procedure with the same options
Remove	will clean up the oldest version