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Project:	iMaser
Title:	IP address exchange

	Name	Date	Signature
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1.1. Scope

This procedure is related to the update of the IP address of the MASER

It is possible to update the IP address of the MASER by telnet.

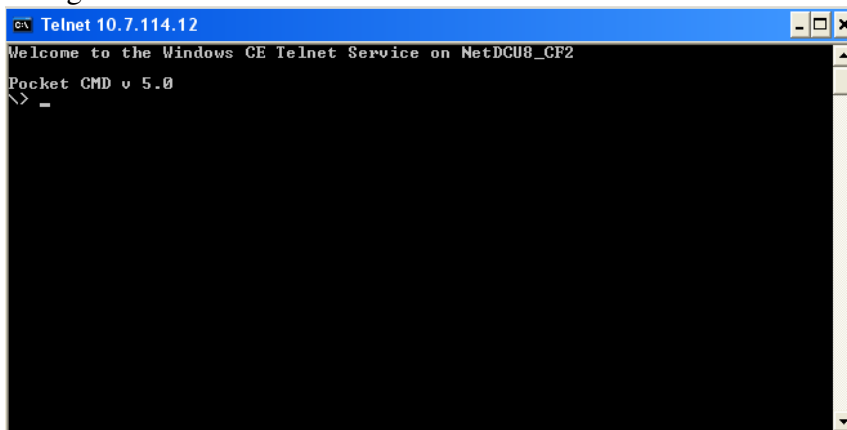
The procedure will describe a step by step operation in order to update the IP address

If you update several Maser, complete the whole procedure on one Maser and then repeat it for the second one.

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1.2. IP address update

1. Connect to the MASER via telnet
2. You got the shell windows of the Embedded module




```

Telnet 10.7.114.12
Welcome to the Windows CE Telnet Service on NetDCU8_CF2
Pocket CMD v 5.0
\> _

```

Then In the shell command windows type successively

3. **ndcucfg**
4. **reg open**
5. **reg open \Comm\DM9CE1\Parms\TcpIp**
6. **reg enum**
it will list the actual IP configuration of the MASER
7. Set the new IP address by the following command
reg set value ipaddress string <IP address>
i.e. reg set value ipaddress string 10.7.114.12
8. Set if required the new default gateway
reg set value defaultgateway string <Gateway>
i.e. reg set value defaultgateway string 192.168.0.1
9. Set if required the new subnet mask
reg set value subnetmask string <Mask>
i.e. reg set value subnetmask string 255.255.255.0
10. Verify that the setting is correct with the command
reg enum

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11. if everything is correct type

reg save

The changes will only be considered once this command is sent

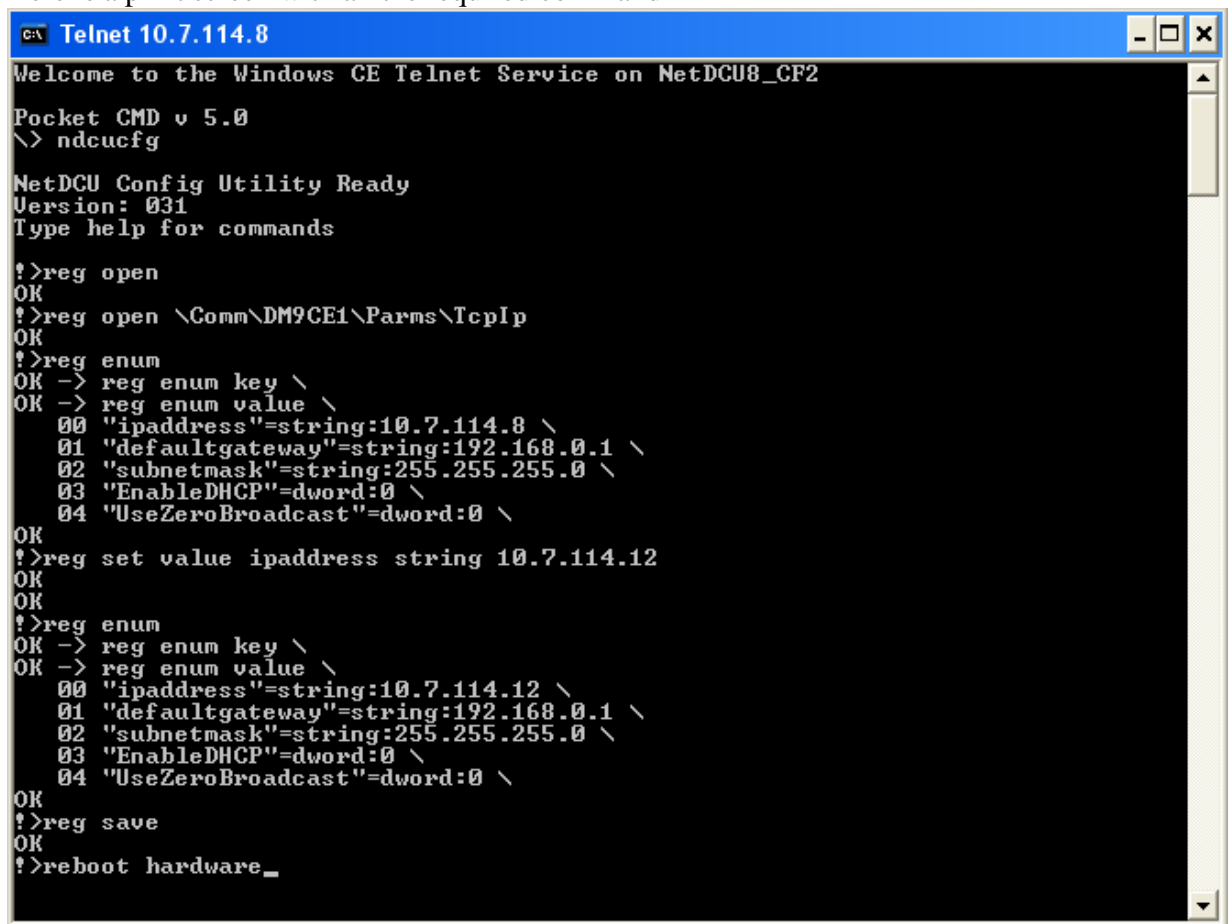
If you reboot the embedded module before sending the command reg save the old configuration will be kept.

12. reboot the embedded module by sending

reboot hardware

Then the MASER will have the new IP address configuration

13. Here is a print screen with all the required command



```

c:\ Telnet 10.7.114.8
Welcome to the Windows CE Telnet Service on NetDCU8_CF2
Pocket CMD v 5.0
\> ndcucfg

NetDCU Config Utility Ready
Version: 031
Type help for commands

!>reg open
OK
!>reg open \Comm\DM9CE1\Parms\TcpIp
OK
!>reg enum
OK -> reg enum key \
OK -> reg enum value \
    00 "ipaddress"=string:10.7.114.8 \
    01 "defaultgateway"=string:192.168.0.1 \
    02 "subnetmask"=string:255.255.255.0 \
    03 "EnableDHCP"=dword:0 \
    04 "UseZeroBroadcast"=dword:0 \
OK
!>reg set value ipaddress string 10.7.114.12
OK
OK
!>reg enum
OK -> reg enum key \
OK -> reg enum value \
    00 "ipaddress"=string:10.7.114.12 \
    01 "defaultgateway"=string:192.168.0.1 \
    02 "subnetmask"=string:255.255.255.0 \
    03 "EnableDHCP"=dword:0 \
    04 "UseZeroBroadcast"=dword:0 \
OK
!>reg save
OK
!>reboot hardware_
  
```

14. Once the update is done you can communicate us the new IP configuration in order to update the IP configuration add on document of the Maser