

Next Generation Server

Remote Unlocking

Operations Manual V1.69

09/05/2006

Required Server client version 1.06d or later.

Latest version of manual always available at <http://www.jictechnology.co.uk>

JIC Technology

Supported Phones

- Blackberry Page 11
- All IDEN Boost Mobile, Nextel, Southern Linc, Telus, Mike unlock Page 3.
- Motorola V3 (all boot loader versions, without testpoints) Page 2.
- Treo 650 Smartphone Page 9.
- MPX200 Page 6.
- MPX220 Page 5.

Supported Phones by IMEI calculation

Page 4.

- nec e101
- nec n342i
- panasonic A10x
- panasonic A10x new
- panasonic g50
- panasonic g51
- panasonic g70
- panasonic gd55
- panasonic x300
- panasonic x300 new
- philips 568
- philips 568 new
- siemens cl50
- siemens st55
- siemens st55 new
- siemens st60
- siemens CL75
- nec 343i
- nec e540

V3 Installing Phone Drivers

Download and install the latest server client, this will put a copy of the drivers on your PC

Drivers are copied to: **C:\Program Files\JIC Technology\JIC online server\phone p2k drivers**

1. Turn on V3 and connect to your PC via USB cable
2. Your PC should flash "message new hardware detected"
3. A new hardware wizard will start.
4. If the wizard asks "can windows connect to windows update to search for software?" choose "No, not this time"
5. Then on the next screen choose "Install from a list or specific location"
6. Tick "Include this location in the search" and un-tick "Search removable media"
7. In the address box browse to, or type **C:\Program Files\JIC Technology\JIC online server\phone p2k drivers**
8. Click "Next" windows will now find the drivers and install the device.

You now need to repeat the above process but with the phone in boot-mode (same as flash mode)

1. Have the phone turned off
2. Place V3 in Boot/Flash mode (hold # & * keys and power on the phone)
3. Boot screen will appear on phone (black screen with white writing)
4. Connect to your PC via USB cable
5. Repeat steps 3 to 8 above

You will only need to perform the above once on each PC you use, the first time you connect a phone.

Unlocking V3

If you have flashed your phone to enable video or for any other reason, do not attempt to unlock your phone, contact your supplier before proceeding. If your phone was supplied new with video activated by Motorola then you may unlock your phone, if you are unsure please consult with your supplier.

Please make sure your Phone battery is fully charged before starting

1. Place phone in boot/flash-mode and connect to PC
2. Select V3-Auto on server client
3. Click "unlock v3"
4. Follow the instruction in the SW to the letter

When client says "Place Phone in Flash Mode"

(This is the same as placing phone in boot mode)

- Hold down # & * key and press Power button
- Boot screen is displayed on phone (some versions of phone screen will be black no writing after stage 1)
- Client will detect phone and complete next stage.

Only 1 credit per unlock is required !!

**Once Step 1 is complete,
Step 2 & 3 can be completed offline by selecting "V3 manual"**

If for some reason, you complete stage 1, and then process needs to be restarted, Select V3 manual, and start there, do not attempt to start from beginning on "V3 Auto" you will have used your credit already !!! (if you have an account with multiple credits, another credit will be deducted, each time you complete stage 1.)

If your phone is stuck in flash mode or phone keypad lights but not enter boot mode.
Then select "V3 Manual" and select "Restore"



V3 in boot/flash mode (during stage 2 & 3 this may appear with out the writing)

I den Installing Drivers

Download and install the latest server client, this will put a copy of the drivers on your PC

To install the drivers go to: **Start > All Programs > JIC Technology > Install Iden Drivers**
Follow the install wizard instructions.

1. Turn on Iden phone and connect to your PC via USB cable
2. Your PC should flash "message new hardware detected"
3. A new hardware wizard will start.
4. If the wizard asks "can windows connect to windows update to search for software?" choose "No, not this time"
5. Then on the next screen choose "Let windows search for driver"
6. Click "Next" windows will now find the drivers and install the device.

Next please update driver by running: **Start > All Programs > JIC Technology > Fix Iden Drivers**

I den Cable: USB Nextel Boost Cable (as supplied with phone)

Alternative cable, you can modify a Motorola V66/525 type p2k USB cable to fit Iden/Nextel phones, simply remove the black lug from in-between the pins



Note the i930 is not supported by this server.

Supported phones:-

850, i450 R9 & R8: i355, i605, i710, i530, i530, i305, i833, i835, i415, i275, i860, i860 Woody, i860 Tattoo, i830, i830 Roxy, i730, i285, i215, i205, i305, i530, i710, i325, i315, i600, i390, i370, i1000, i1000plus, i500plus, i700plus, i2000plus, r750plus, iX1000, i550plus, i2000, i85s, i50sx, i55sr, i80s, i90c, i85s, i80s, i30sx, i35s, i95cl, i60c, i90c, i88s...ect

Rom 9-13 supported

To check Rom Version:-

Press "*" press "*" press "menu" press "right arrow"
Scroll down to Software or unit info.

i850 - Software Tpe: MS-PDGY-BER-DEERKEY_WIDEN-R13

Where the R at the end is the rom version, the above example being ROM 13

I den Unlocking

Please remove SIM card before unlocking, and insure good connection between cable and the phone, if you get CHG error, try holding cable into phone during unlock.

1. Enter your User name & password
2. Make sure "main server" is set under Server Settings
3. Select "Iden" under Phone setting
4. Connect phone to PC, phone powered on (sim out)
5. Press "unlock" on software
6. In 2 to 3 seconds phone will be unlocked. Phone will reboot after unlock.

If you get "Oops ! CHG error !",

1. Check SIM card is removed
2. Change phones baud rate to: 115200 (phone menu/settings/advanced/baud rate)
3. Try several times
4. Upgrade your phones firmware to the latest version. You can download the upgrade utility from here:-
http://idenphones.motorola.com/iden/support/software/html/firmware_utility.html

It is very important to follow all of the above in the event of CHG error !!!!!

If you get "Corrupt Data"

1. Perform Master Reset. (remember to change your pass code/security code in the instructions below if you have changed them)

Master Reset for i1000plus, i1000, i2000plus, i700plus, i550plus, i500plus, i370, i390 and i600 phones:

1. Enter * # 43 (Your phone will prompt "Master Reset")
2. Select "OK" once (Your phone will prompt "passcode")
3. Your passcode is "0000" (Your phone will prompt "Master Reset")
4. Enter security code as 000000 and Press "OK"
5. Select "Yes" for Master Reset
6. Select "OK" for caution: see manual
7. The phone will auto power off
8. Switch on the phone again

Master Reset for i95cl, i90c, i85s, i80s and i30sx phones:

1. Press Menu
2. Scroll and Select "Settings"
3. Scroll and Select "Security"
4. Scroll and Select "Master Reset"
5. Enter security code as 000000 and Press "OK"
6. Select "Yes" for Master Reset
7. Select "OK" for caution: see manual
8. The phone will auto power off
9. Switch on the phone again

Master Reset For i205, i305 i750 phones:

1. Press Menu
2. Scroll and Select "Settings"
3. Scroll and Select "More"
4. Scroll and Select "Advanced"
5. Scroll and Select "Connectivity"
6. Scroll and Select "Master Reset"
7. Enter security code as 000000 and Press "OK"
8. Select "Yes" for Master Reset
9. Select "OK" for caution: see manual
10. The phone will auto power off
11. Switch on the phone again

IMEI Calculater

Supports: -

- nec e101
- nec n342i
- panasonic A10x
- panasonic A10x new
- panasonic g50
- panasonic g51
- panasonic g70
- panasonic gd55
- panasonic x300
- panasonic x300 new
- philips 568
- philips 568 new
- siemens cl50
- siemens st55
- siemens st55 new
- siemens st60
- siemens CL75
- NEC 343i
- NEC e540

1. Simply enter user name and password,
2. Select Calc under "Phone Setting"
3. Click "Calculate Codes"
4. In new window that appears, Enter phone IMEI
5. Select phone type
6. Click "ok"
7. Client will connect to server and retrieve codes.

Entering codes

Insert incorrect sim, and enter code in client.

Siemens **CL75**

IMEI: 374605620432863

Unlock Codes:

Code for NCKKN is : **00012*17157383#

Code for NSCKN is : **00022*11571583#

Code for SPCKS is : **00032*13571583#

Code for CKCCK is : **00042*13397583#

Code for PCKKP is : **00052*11371583#

Code for XXXXX is : **00062*13571583#

Code for XXXXX is : **00072*13371583#

Usually you just need to enter code 12 the NCKKN code.

NOTE:-

If for some reason you close the client before entering codes, do not panic, a log file is created with the codes recorded in it, Simply goto

MY COMPUTER > LOCAL DRIVE C: > PROGRAM FILES > JIC TECHNOLOGY > JIC ONLINE SERVER >

In this folder you will find a text file, open it up and you will see the codes

Installing MPX220 Drivers

1. Press and hold number “6” on phone keypad.
2. Plug into PC via V66/V300 type USB cable
3. Windows will detect new hardware



Now follow the instructions as per MPX200 below from step 2

Installing MP200 (for MPX220 see next section)

1. Hold down the “left” navigation button and connect to PC via Mini US cable, after aprox. 5 secs. windows will detect new hardware connected.



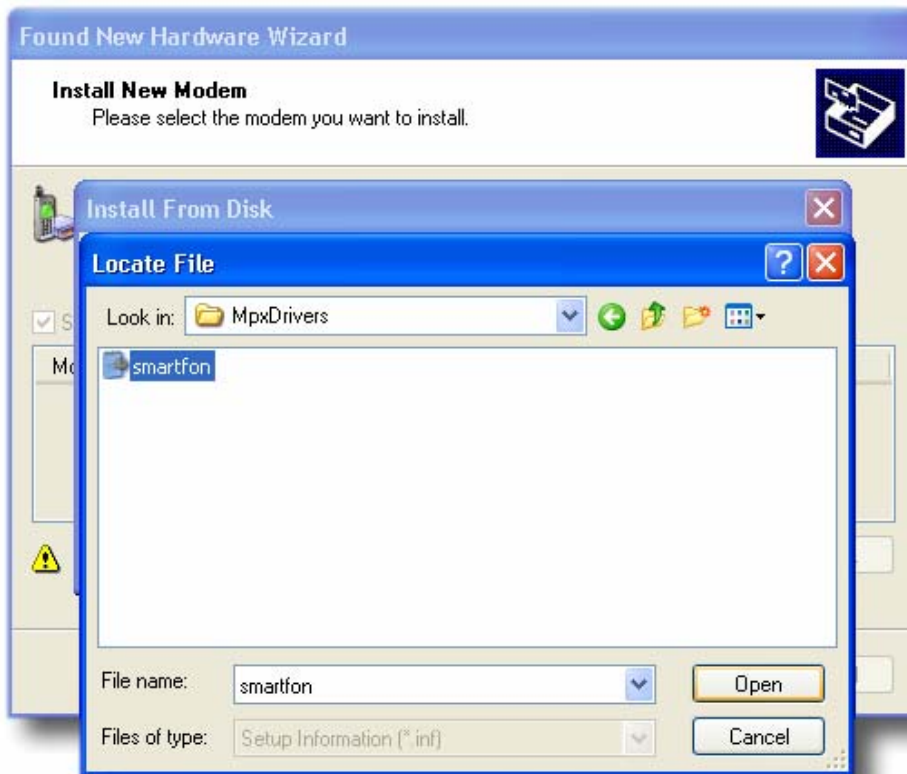
2. A new hardware wizard will appear.



Select “No, not this time”

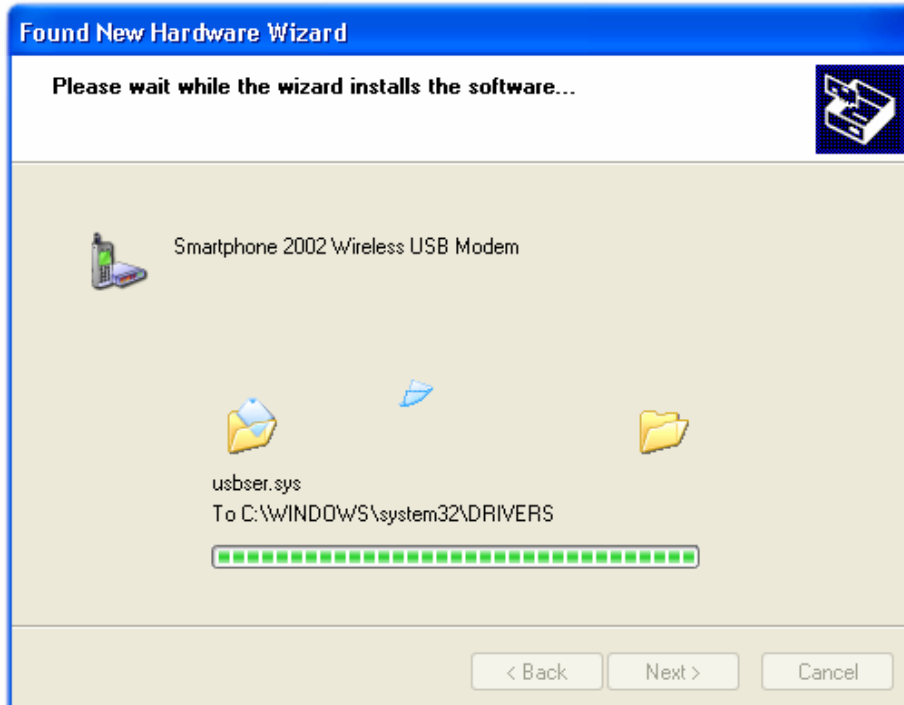
3. Then on the next screen Select “Don’t search, I will choose driver to install.”
4. Click on the “Have Disc ... “ button

5. Select the drivers



6. if presented with a Windows warning about Microsoft signing of drivers. Choose “Continue Anyway”

7. Windows will now install the drivers.



8 Click on finish on next screen

9. Windows has finished installing MPX 200

Unlocking Motorola MPX200

Unlocking MPX200.

1. Run Client
2. Enter your User name & Password under "username & password" tab
3. Click on "server settings" make sure "main server" is selected
4. in "phone settings" select "MPX200" from drop down list.
5. Hold "LEFT" arrow button on MPX and insert Cable (phone off)
6. Click "Get MPX200 Codes"
7. Codes will be displayed in the server client.
8. Insert incorrect card in phone (one it does not take) phone will ask for code.
9. Enter the relevant code from the list that the phone asks for.

Unlocking Motorola MPX220

Unlocking MPX220.

1. Run Client
2. Enter your User name & Password under "username & password" tab
3. Click on "server settings" make sure "main server" is selected
4. in "phone settings" select "MPX220" from drop down list.
5. Hold "6" arrow button on MPX and insert Cable (phone off)
6. Click "Get MPX220 Codes"
7. Codes will be displayed in the server client.
8. Insert incorrect card in phone (one it does not take) phone will ask for code.
9. Enter the relevant code from the list that the phone asks for.

Trouble shooting.

Q. My phone says "enter network puk"

A. This is because, the nck has been entered wrong too many times (maybe someone tried to guess it), simply press the down arrow and you will reveal more places to enter codes, simply enter the requested codes, (usually the nck code in 3 places)

Treo-650 Remote Unlock

Before you start.

1. Make sure you have the latest server client (V1.06b)
2. Make sure you have Treo HTTC drivers download and extracted to a folder on your PC.
If using the full install drivers are copied to:-
C:\Program Files\JIC Technology\JIC online server\httc-treo-driver

Before you go any further make sure Active Sync has been shut down, or the Client will be unable to communicate with the phone.

Also if you use "Microsoft Active Sync" Shut that down as well.

Reading Codes.

1. Run Client
2. Enter your User name & Password under "username & password" tab
3. Click on "server settings" make sure "main server" is selected
4. in "phone settings" select "treo-650" from drop down list.
5. Remove Treo Battery Cover & Power on Treo
6. Connect USB Sync Cable (as supplied with phone)
7. Place Phone in "Test Mode"
 - Press and Hold Button on USB Cable
 - Using Pen Press and hold for 1 second Reset button in Back of Treo
 - Release reset button, then release Active Sync button on Cable
 - Display should be red/blue etc and detail boot loader version
 - Phone is now in Test Mode

If Windows now detects a new device (this will happen the first time you put a treo650 into test mode, and the following you will need to do only once)

1. A new hardware wizard will appear. Select "No, not this time" if asked about connecting to the internet
2. Then on the next screen Select "Don't search, I will choose driver to install." Click on the "Have Disc ..." button
3. Select the drivers, direct windows to the folder containing the Treo HTTC drivers, if presented with a Windows warning about Microsoft signing of drivers. Choose "Continue Anyway"
4. Windows will now install the drivers.
5. Click on finish on next screen
6. Windows has finished installing New Hardware

You will only need to do this once per PC.

6. Now click "Connect & Get Codes" on client SW, (codes should be displayed in under 5 Seconds)
7. Codes will be displayed in client SW
8. Codes will also be saved to a log file in C:\program files\jic technology\jic online server\

Entering Codes.

1. Remove Treo battery, unplug cable
2. Insert incorrect SIM card (1 the phone does not accept)
3. Power on Treo-650, "Sim not allowed" is displayed, click "ok"
4. Goto the dial pad, and use the stylus to enter code one ***##MEP CODE#** exactly as displayed in the server client. Then press "Dial"
5. Phone will reset and display "sim lock removed"

Phone Unlocked !!!!

NOTE:-

If for some reason you close the client before entering codes, do not panic, a log file is created with the codes recorded in it, Simply goto

MY COMPUTER > LOCAL DRIVE C: > PROGRAM FILES > JIC TECHNOLOGY > JIC ONLINE SERVER >

In this folder you will find a text file, open it up and you will see the codes

Treo-650 Trouble shooting

Q. I get "Can not initialise" when trying to read codes.

A. The drivers are not installed correctly, update drivers thus:-

Right click on My Computer
Select properties
Click hardware tab
Click device manager
Look to see what the Treo is listed as

It SHOULD be listed as HTC USB device, but may be listed as Palm device or other USB device

If you RIGHT CLICK on the incorrect device and click on "update driver"

Then follow the guide on installing drivers above (on previous page in the box)

Once drivers have been updated, closer the Server client SW, reopen and start from the beginning of step 4.

Your Treo must be in BOOT MODE while you update the driver

Q. I click "Get Treo650 Codes" but i just get " Genertaing codes" and the PC just sits there

A. Then your treo has frozen, an application in it's memory has caused the treo to crash.

1st try a soft reset on your Treo650

- * Soft reset is a reboot of your Treo650 operating system, like restarting Windows on a PC
- * This closes all applications on your Treo including those that may have hung or crashed.
- * Simply remove the battery from your treo for several seconds and replace.
- * If this doesn't work, push a paper clip into the RESET hole under the battery.

Once you have done this start again from Step 3 you will need to place your Treo 650 in boot mode again

Q. I have performed a soft reset but i still get " Genertaing codes" and the PC just sits there

A. If a soft reset fails to solve this, then an application on your treo650 is corrupt, A hard reset will erase everything you have on your Treo (excluding what's on the ROM, or what you have on your SD card). and restore it to a clean setup, so removing any corrupt applications.

1. Remove the battery cover from the treo
2. Whilst pressing "Power/End" button, press the reset button on the back of the Treo with the stylus
3. Continue pressing the "Power/End" button
4. The PALMONE logo now appears with a progress bar
5. When the circular "Palm Powered" logo appears release the "Power/End" button
6. When the "Erase all data ?" prompt appears press Up to confirm
7. If a "select Language" option appears, then select the same language as your desktop software.

Once the hard reset is complete start again from Step 3 you will need to place your Treo 650 in boot mode again

Blackberry Unlocking

Nextgen server now supports Blackberry Unlocking in realtime.

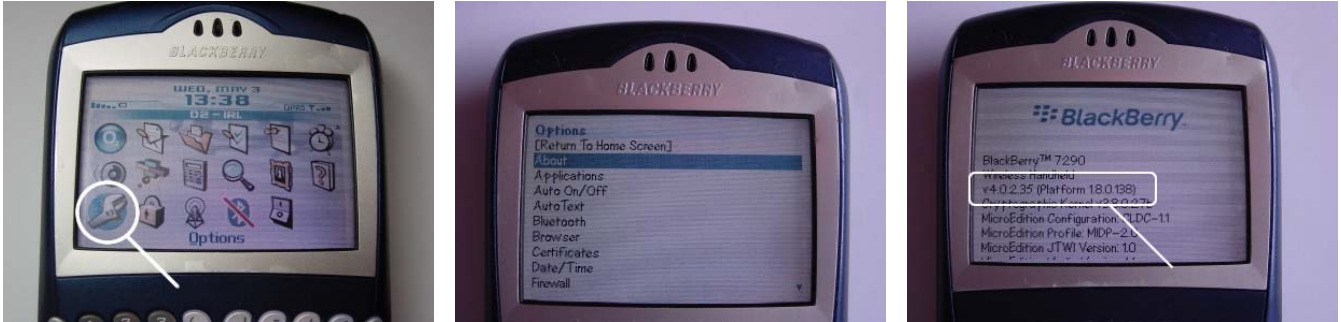
Unlock BlackBerry 5xxx, 6xxx, 7Xxx

Using standard blackberry USB cable (as supplied with phone),

Phones not supported: X700, 7510 (iden), 5810, H700

Before attempting to unlock your Blackberry with Nextgen Server please check that your Blackberry has compatible firmware installed. To check the software/firmware version of your Blackberry simply navigate it's menu:-

Goto SETTINGS or OPTIONS then ABOUT



If you have a firmware/software version of: **4.0.X.XXX**. no firmware upgrade required, proceed direct to unlock.

If your firmware version is 3.X.X.XXX then first you must upgrade your Blackberry, this is simple and easy to do, simply see the section in this document titled "Instructions for upgrading your desktop and handheld software"

Reading MEP unlock Code

Before you start please close down all applications and close your firewall, if you are behind a router you will need to open port 6967, failure to do so may result in the client failing to connect to the server.

1. Install the latest version of the server client on your PC
2. Connect up your Blackberry to your PC using it's USB cable.

If Windows now detects a new device (this will happen the first time you connect your blackberry to your PC, and the following you will need to do only once) **The drivers have been part of Windows update from 2004, so should already be on your PC.**

7. A new hardware wizard will appear. Select "No, not this time" if asked about connecting to the internet
8. Then on the next screen Select "Install Software Automatically (Recommended)" Click on the "Next " button
9. Windows will now search for the drivers.
10. Windows will now install the drivers.
11. Click on finish on next screen
12. Windows has finished installing New Hardware

You will only need to do this once per PC. The first time you connect a blackberry to your PC.

3. Start the Nextgen Server Client:- Start > Program Files > Jic Technology > JIC Nextgen Server Client
4. Enter your User name & password
5. Make sure "main server" is set under Server Settings
6. Select "Berry" under Phone setting
7. Press "Get Berry Codes" on software
8. The server will now read and display the unlock codes on the server client, estimated time 10 to 30 seconds
9. You can now disconnect the phone from your PC.

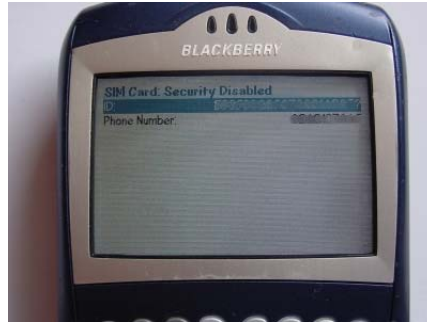
How to enter the unlock code on next page

Entering Unlock Codes

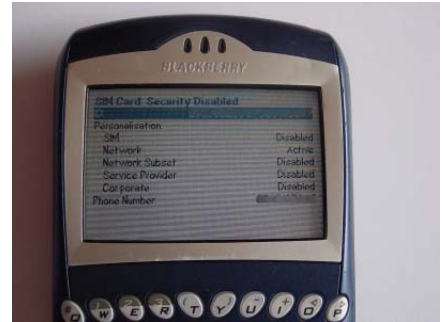
1. Goto Options Menu
2. Select "SIM Card" menu option
3. You will now see SIM Information screen but no information
4. While holding "Shift" key Type "**MEPD**" or in case of 7100 "**MEPPD**" (no writing will appear on screen)
5. You will now see screen detailing SIM locks status, and you will see active SM lock
6. To disable this now hold "ALT" key type "**MEP2**" or in case of 7100 "**MEPP2**" (no writing will appear on screen)
7. New dialogue window will appear asking for code
8. Enter the MEP code as displayed in the Server Client, press ok, with jog dial
9. Phone will display "code accepted" your phone will now accept any compatible SIM card.



Step 2.



Step 3.



Step 5.



Instructions for upgrading your desktop and handheld software

If your firmware version is 3.X.X.XXX then first you must upgrade your Blackberry before you can unlock it. This is simple and easy to do.

Step1. Download and install Blackberry Desktop V4.1

1. Goto: <http://www.blackberry.com/support/index.shtml>
2. Under the heading "downloads" select "service packs"
3. Select "BlackBerry Desktop Software V4.1 in the pull-down"
4. Choose Service Pack 1 (English) or Service Pack 1 (Multilanguage) if required
5. Now download this to your PC and run the installation
6. You will now be running version 4.1 of the Desktop software
7. This will also install your drivers

Step 2. Now you need to download the firmware upgrade to suit your model

1. On this page you will see various worldwide networks listed
2. Select your network and then select the newest firmware file for your model
3. Download this file and run the install on your PC

NexTel - [Downloads Page](#)

Telus - [Downloads Page](#)

Bell Mobility - [Downloads Page](#)

Sprint - [Downloads Page](#)

Verizon - [Downloads Page](#)

If you need a dummy number code, use 9785050000

Cingular / AT&T - [Downloads Page](#)

T-Mobile - [Downloads Page](#)

Rogers - [Downloads Page](#)

Telstra Australia - [Downloads Page](#)

Hong Kong CSL - [Downloads Page](#) –

English, but Supports Chinese Characters

Verizon BroadbandAccess 4.0.2 (Hidden) - [Downloads Page](#)

Orange - [Downloads Page](#)

Vodafone UK - [Downloads Page](#)

Vodafone Ireland - [Downloads Page](#)

Vodafone Australia and Fiji - [Downloads Page](#)

Vodafone New Zealand - [Downloads Page](#)

Cable and Wireless (Cayman Islands) - [Downloads Page](#)

Dobson Cellular/Cellular One - [Downloads Page](#)

SunCom Wireless - [Downloads Page](#)

Optus Mobile Pty Limited - [Downloads Page](#)

Bharti Tele-Ventures Limited - [Downloads Page](#)

KPN Netherlands - [Downloads Page](#)

O2 Ireland - [Downloads Page](#)

O2 Europe - [Downloads Page #1](#) & [Downloads Page #2](#)
(7290/8700)

Cont

Step 3. Upgrading your Blackberry

1. Start Blackberry Desktop Manager and plug in your Blackberry
2. Desktop Manager will prompt you that there is a new version
3. Proceed with the install
4. **DON'T FORGET TO CHOOSE THE BACKUP OPTION**
5. Once the upgrade is complete, your Blackberry takes about 5 minutes to reboot.
6. This is normal, so please wait.
7. Now you can proceed to unlock your phone