



IQonn lite

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## 1. Getting started

This is a Beta version of IQonn lite.

### 1.1 First connection

We would like to describe the easy steps of getting started with IQonn lite:

1. Insert the SIM into your device or embedded notebook
2. Install IQonn lite
3. Launch IQonn lite
4. Please insert your modem and wait a while, as IQonn lite will detect that your modem / datacard is present and that a SIM-card is inserted
5. Please enter the PIN code of the SIM
6. IQonn lite might pop up the Auto detect function to detect your APN. Please choose "Detect"
7. You can make a GSM connection
8. Any next time when using the same SIM, these steps won't be necessary.

When you wish to make a WLAN connection, please follow the steps below:

1. Open "settings" on the bottom of the main screen of IQonn lite
2. Choose Connections -> Connection -> New, and IQonn lite will guide you through the steps of configuring your access point.

The settings menu offers you an advanced range of possibilities to configure your own settings in IQonn lite. In case you need any help, you can easily go to the help function in IQonn lite or click F1, which describes how to use the software features.

### 1.2 Online services

The following online services are made available in combination with IQonn lite.

1. Update server  
Anytime you make a connection to the internet, IQonn lite automatically searches for any available updates. These can be updates that are pushed by Diginext, for example Operator Settings, new languages, new public hotspots, etc. These updates can also be present because of changes in the Personal Administration pages on my.iqonn.com, such as Roaming favourites and browser favourites. You can also choose to check for updates manually by going to Settings -> Modulator -> Updates -> Check for Updates.

2. Personal administration pages and FollowMe

A click on the button "Internet" in the main view of IQonn lite, will bring you to <http://my.iqonn.com>, your Personal Administration pages. The username and password are created by the user upon registration and sent via e-mail. Therefore we advise you to register on my.iqonn.com via Settings -> Modulator -> Account to make full use of IQonn lite's features.

On these pages you can easily change or add browser favourites, roaming favourites, personal details and FollowMe details. You can review your usage online extensively at "Data Tracking".

## 2. Supported devices

IQonn lite supports the following devices, listed with the accompanying connection methods. Any devices that are not listed here are not supported by IQonn lite.

### WIRELESS GSM DATACARDS

	Bearer support					Vista
	GPRS/2G	EDGE	UMTS/3G	HSDPA	WLAN	
<b>Asus</b>						
T500	✓	✓	✓	✓	✗	✓
<b>Huawei</b>						
E600	✓	✗	✓	✗	✗	✗
E618	✓	✗	✓	✗	✗	✗
E620	✓	✓	✓	✗	✗	✗
E621	✓	✓	✓	✓	✗	✗
E630	✓	✓	✓	✓	✗	✗
E170 USB modem	✓	✓	✓	✓	✗	✓
E180 USB modem	✓	✓	✓	✓	✗	✓
E220 USB modem	✓	✓	✓	✓	✗	✓
E270 USB modem	✓	✓	✓	✓	✗	✓
<b>Innomtek</b>						
IWU-H640	✓	✓	✓	✓	✗	✓
<b>Novatel</b>						
Merlin U530	✓	✗	✓	✗	✗	✓
Merlin U630	✓	✗	✓	✗	✗	✓
Merlin U740	✓	✗	✓	✓	✗	✓
Merlin U870	✓	✓	✓	✓	✗	✓

Merlin XU870	✓	✓	✓	✓	✗	✓
Merlin EU870D	✓	✓	✓	✓	✗	✓
Dell Wireless 5510	✓	✓	✓	✓	✗	✓

<b>Option</b>						
Globetrotter	✓	✗	✗	✗	✗	✗
Globetrotter Combo	✓	✗	✗	✗	✓	✗
Globetrotter Fusion	✓	✗	✓	✗	✓	✗
Globetrotter Combo EDGE	✓	✓	✗	✗	✓	✗
Globetrotter EDGE	✓	✓	✗	✗	✗	✗
Globetrotter 3G Quad (Quad Lite)	✓	✗	✓	✗	✗	✗
Globetrotter 3G	✓	✗	✓	✗	✗	✗
Globetrotter Fusion Quad	✓	✗	✓	✗	✓	✗
Globetrotter HSDPA	✓	✓	✓	✓	✗	✓
Globetrotter Fusion+	✓	✓	✓	✓	✓	✓
Globetrotter GT MAX (7.2 ready)	✓	✓	✓	✓	✗	✓
Globetrotter GT MAX II (7.2 ready)	✓	✓	✓	✓	✗	✓
Globetrotter Express 7.2 (GE201)	✓	✓	✓	✓	✗	✓
Globetrotter Express 7.2 (GE301)	✓	✓	✓	✓	✗	✓
Globetrotter HSPDA 7.2 ready	✓	✓	✓	✓	✗	✓
Globesurfer iCON 7.2	✓	✓	✓	✓	✗	✓
iCON 225*	✓	✓	✓	✓	✗	✓

<b>Sierra Wireless</b>
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AirCard® 750	✓	✗	✗	✗	✗	✓
AirCard® 775	✓	✓	✗	✗	✗	✓
AirCard® 850	✓	✓	✓	✓	✗	✓
AirCard® 860	✓	✓	✓	✓	✗	✓
AirCard® 875	✓	✓	✓	✓	✗	✓
AirCard® 875U	✓	✓	✓	✓	✗	✓
AirCard® 880E	✓	✓	✓	✓	✗	✓

SonyEricsson						
GC 75	✓	✗	✗	✗	✗	✓
GC 79	✓	✗	✗	✗	✓	✓
GC 85	✓	✓	✗	✗	✗	✓
GC 86	✓	✓	✗	✗	✗	✓
GC 89	✓	✓	✗	✗	✓	✓

#### WIRELESS EMBEDDED GSM DATACARDS

Bearer support					Vista
GPRS/2G	EDGE	UMTS/3G	HSDPA	WLAN	

Novatel						
Novatel EU740	✓	✓	✓	✓	✗	✓
Novatel EU870	✓	✓	✓	✓	✗	✓
Dell Wireless 5505	✓	✗	✓	✓	✗	✓
Dell Wireless 5520	✓	✗	✓	✓	✗	✓

Option						
GTM378	✓	✓	✓	✓	✗	✓

Sierra Wireless						
MC8755	✓	✓	✓	✓	✗	✓

MC8775	✓	✓	✓	✓	✗	✓
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## WIRELESS CDMA DATACARDS

Bearer support					Vista
IS95*	1x RTT	1x EVDO			

Novatel					
Merlin V620	✓	✓	✓		✗
Merlin S720	✓	✓	✓		✗

Sierra Wireless					
AirCard® 580	✓	✓	✓		✗
AirPrime PC5220	✓	✓	✓		✗

\* Not yet verified

The Sierra Wireless Aircard 860 does not support the 2100 MHz band. Because of that it is not possible to get a 3G/UMTS and 3G+/HSDPA network and to connect with those networks in Europe.

### Supported Embedded laptops with listed embedded datacards:

Panasonic Toughbook CF-19 with the embedded Novatel EU870  
 Panasonic Toughbook CF-18 with the embedded Novatel EU740  
 Acer Travelmate 4260WLMi with embedded Option GTM378  
 Lenovo Thinkpad T60, X60, Z61m with embedded Sierra MC8755  
 Dell Latitude D620 with embedded Novatel EU740 / Dell 5505  
 Dell Latitude D820 with embedded Novatel EU870 / Dell 5520  
 Dialogue Flybook V33i with embedded Sierra MC8755  
 Toshiba Portégé Aspen, with the Novatel embedded EU740  
 FujitsuSiemens Amilo Si 1848, with the Sierra Wireless MC8755

### Mobile phone support

Sony K750i, P800, P900, R520, R600, T39m, T65, T68, T68(i), T200, T300, T610  
 Ericsson series, T630 series, V600i, V800, W800i, W900i, Z600, Z1010  
 Motorola A835, Timeport 260, Timeport 280, T720i, V60 series, V66 series, V70, V600, V980, V1050, E1000  
 Siemens ME45, S45, M50, S55

Nokia	3650, 5100, 6100, 6230(i), 6310(i), 6510, 6600, 6610, 6610(i), 6630, 6650, 6680, 6800, 6810, 6820, 7210(i), 7250, 7600, 7650, 8310, 8910(i), 9300, E50, E61, N70 and N90
Sagem	M3052, My X-5, My X-6
Samsung	E700, Z105, Z107, Z110, Z140, Z500 and Z520
Panasonic	GD67, GD87, GD96
Sharp	SH902

### 3. System and OS requirements

To run this software properly the following is required:

#### Hardware

- Min. 100 MB free hard disk space
- Min. 125 MB RAM
- Screen resolution min. 800x600
- Color quality min. Middle (16 bits)
- Free PC card slot (PCMCIA Type II)

#### Software

- Microsoft Windows® 2000 SP4
- Microsoft Windows® XP SP1
- Microsoft Windows® XP SP2
- Microsoft Windows® XP SP3
- Microsoft Windows® Vista
- Microsoft Windows® Vista SP1

For GPRS, UMTS, CSD or any other mobile operator you also require;

- A PC Data Card or Mobile phone
- A SIM card that will allow access to the service
- The PIN that came with the SIM card, if there is one

For WLAN you also require;

- A WLAN PC Card or Laptop with WLAN
- Settings for the WLAN Network you would like to access

#### Other

- CD-ROM (Or ISO) with IQonn lite
- Administrator rights necessary to carry out installations on your computer

The IQonn lite Dashboard offers support for (Hs)CSD, GPRS, EDGE, UMTS, HSDPA, CDMA and WLAN, but your device may not support some of these protocols. Please consult your mobile device's manual for more information.

To be able to use Bluetooth or Infrared, the required software and/or hardware for these connection methods should be installed on your system.

## 4. Known issues

While using IQonn lite you might run into issues that are known to us. These issues can be a problem in the software itself, but can also be caused by the specific phone, card or combination of applications you are using. During our quality assurance testing we also ran into some of these issues. We hope to make these issues clear and hope to provide enough knowledge to work around the issue, so you will still be able to comfortably use IQonn lite. Logically these known issues are being reviewed at Diginext, so that a resolution can be provided in a future release.

### 4.1 General issues

- Installing IQonn lite on Vista can take some time on some computers; this is because IQonn lite installs a large amount of drivers, please be patient your system is still responsive.
- Automatic startup of IQonn lite on Windows Vista does often take a long time.
- The Roaming Manager settings in IQonn lite are not being updated correctly on my.iqonn.com, resulting in an inconsistency between client and server. This is due to a current server issue, which is under investigation.
- After returning from standby we advise you to click the "Apply" button in the PIN dialogue, instead of hitting "Enter" on the keyboard, as this might result in a connection issue in some occasions.
- When you enter an incorrect PIN when IQonn lite asks for it, IQonn lite will ask for your PIN again, but the error message is shown too short. If you get the third (and last) PIN request make sure you enter it correctly or else your SIM card will be locked. To unlock your SIM card again you need the PUK code which has been provided by your mobile telecom company.
- Currently an expired license cannot be overwritten by a new serial number.
- In some rare occasions disconnecting from a GSM network takes rather long. When this might occur, please wait, as the disconnection will eventually take place after about 30 seconds.
- IQonn lite won't start when the user changed the system time backwards with more than 1 day. This is done to prevent fraud.
- It might be that in some screens there will be a line going through the text. This happens most of the time when you are connected. Clicking in this part of the screen with the mouse will solve the issue most of the time.

- When switching to the Arabic or Hebrew language IQonn lite is mirrored. Falsely also the IQonn lite banner text is mirrored.
- The first existing RSS feed will only poll when a new RSS feed is added to the list.
- RSS feeds that are requested via the Update Server will only be pushed after a restart of IQonn lite.
- It may take multiple tries to switch from network and to connect when you perform a network switch using the networks tab on the main page.

## 4.2 WLAN

- If you want to use IQonn lite for your WLAN connections and you have another WLAN client installed, you get the best results by disabling your other client. WLAN applications like the IQonn lite Dashboard, Funk Odyssey, Net Stumbler, Broadcom's client/service and even Zero Config in Microsoft Windows are always trying to access the WLAN Adapter. This means that running any and/or all of the above mentioned clients at the same time, might result in a bad user experience. Specifically we have seen that the IQonn lite Dashboard sometimes disconnects its WLAN when the Broadcom client is still running (tested on Dell Latitude 800). Please disable the other WLAN applications, if any, when running IQonn lite. In the case of Broadcom, you must disable the "WLTRYSVC" service (can be done in the Windows Task Manager).
- No error message is shown when authentication fails with WLAN, so it sometimes looks as if a connection was established, until you attempt to browse.

## 4.3 Devices

- In general, not all mobile devices can handle all the functionality IQonn lite offers:
  - Some devices that support both GPRS and UMTS may only be able to find either GPRS or UMTS networks, but not both at the same time. To switch from networks you can choose GPRS only or UMTS only in the settings> device> cellular screen.
  - Some devices may not be able to support (Hs)CSD connections using the Dashboard. Consult your device manual to see if this applies to your device.
  - Sometimes when using some devices it may not be possible to import nor export contacts containing none-standard characters.
  - Many devices cannot handle all fields concerning contacts IQonn lite provides.
  - It may take a few minutes to import large contact lists from your device or SIM.
  - CDMA is only available if the card is already activated before using IQonn lite.
- In some unique occasions IQonn lite does not react well at a surprise removal of a device from your computer. Rebooting will than solve the problem.
- It can occur that IQonn lite can not detect and install devices that are installed through a port replicator. When this situation occurs, please install the device directly on the computer without the port replicator.