



No.1 BC™

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No.1 Business Communication is the revolutionary solution for protecting phone calls and conversations. No.1 BC is basically the system that creates encrypted channel between two people and allows them to securely communicate using Internet connection. Communication is encrypted with 2048 bit keys which makes any interceptions impossible.

## Requirements

When you buy No.1 BC card a sales representative activates it. When the card is activated you can install No.1 BC application on your phone. When you launch the application for the first time it gets your card registered. Only activated and registered cards may be used for No.1 BC services.

To start using No.1BC with your phone it should have 520+ MHz processor, microSD™ slot and an Internet connection provided by your local mobile operator or Wi-Fi connection. 4G, 3G or EDGE are recommended for mobile Internet connection.

You can find the list of recommended mobile Internet providers on the website:

[www.no1bc.com](http://www.no1bc.com)

Currently supported operating systems:

- *Windows Mobile 6*
- *BlackBerry*

No.1 BC team are constantly working on improving the system and adding new useful features. To check out the latest supported platforms and latest requirements please check the website:

[www.no1bc.com](http://www.no1bc.com)

Before getting started, make sure your phone meets requirements.

## Getting started

You can set up No.1 BC application either with installation files located on your card or download the files via Internet.

Insert BC Smart Card into microSD™ slot of your phone. Find installation files on the card and launch them.

### **If you are using BlackBerry :**

Find /BB/install.jad file, launch it and follow instructions.

Alternatively you can download application installation file or the latest version from here:

[www.no1bc.com/download/getbbapp/](http://www.no1bc.com/download/getbbapp/)

## If you are using Windows Mobile 6:

Find 3 installation files on the card and launch them one by one according to step numbers:

*Install\_No1BC\_Step1.CAB*

*Install\_No1BC\_Step2.CAB*

*Install\_No1BC\_Step3.CAB*

Select your language and read carefully Terms of Contract. If you accept it, please mark "I accept and agree to Terms of contract" checkbox and proceed installation. Set location for installation from internal phone memory or No.1 BC shared flash memory card. Once it is completed press **Ok** button. It will inform you about successful installation of new certificate. After this, please, **restart your phone.**

Find No.1 BC application in the Start menu (or in the Downloads folder for BlackBerry). It will also be available in the list of all your programs.

Every time when application connects to the server it checks for updates. When your current version of the

application gets outdated, you will be requested to update it.

You can always download the latest version of the application via Internet.

Updates for Windows Mobile may be downloaded here:  
[www.no1bc.com/download/getwmapp/](http://www.no1bc.com/download/getwmapp/)

Updates for BlackBerry may be downloaded here:  
[www.no1bc.com/download/getbbapp/](http://www.no1bc.com/download/getbbapp/)

## BC number

BC Number is a unique combination of 11 digits, which are assigned to a particular BC Smart Card. All private data is strongly encrypted and stored on a secure server. BC number is used as identifier to associate a person and his contact list. BC numbers allow people to communicate within protected secure environment. BC number and PIN are used to log in.

## PIN

When No.1 BC application gets connected for the first time you will be requested to set a Personal Identifica-

tion Number (PIN) and confirm it. PIN may be between 4 and 8 digits. It serves as a password to establish connection with the server, so make it secure and keep it in mind. Every time you launch No.1 BC you will be requested to enter your PIN.

Don't share your PIN with others. Make sure it is kept secret.

## Changing PIN

To change your PIN launch No.1 BC application. In the Options menu find the item: **Change PIN**

Enter your current PIN, New PIN and verify your new PIN in corresponding fields. Press **Done** button to apply changes. Next time you launch No.1 BC remember to use your new PIN.

In case you forgot your PIN you will have 3 tries to remember it. If you entered incorrect PIN for 3 times the card will be erased and No.1 BC number will be blocked. It's impossible to restore your PIN in case you lost it. It is possible to reissue the card in case it was blocked, however. You will have a new card with the same BC number and a blank contact list. Please read [Card Reissue](#) section for more details.

## User interface

When you log in, you will see No.1 BC home screen. It provides status indicators of Internet connection and volume, expanded Contact List, Options button, virtual keyboard icon, Search and Hide feature.



### 1. Internet connection indicator

Shows if you are currently connected to the Internet or you are offline. It also indicates what type of connection



is used.

## 2. Volume indicator

Shows the level of volume set up for No.1 BC application. It does not apply for your general phone settings.

## 3. Contact list

It shows you all contacts you have added as well as the status of each:

-  *Online*
-  *Offline*
-  *Busy*
-  *Blocked*

Currently selected contact is highlighted with blue background.

## 4. Search

To quickly find a person you need to contact, start typing his or her name in the search box. All contacts will be shortlisted according to the letters you enter. You can use either virtual keyboard or native keyboard of your phone.

## 5. Options

You will find the following items in the Options menu:

- Call*
- Chat*
- File Transfer*
- Contacts ▶*
- Settings*
- About*
- Exit*

## 6. Virtual keyboard

To work with application you can use external (native) mobile phone keyboard or use No.1 BC virtual keyboard. To open virtual keyboard press corresponding icon.

## 7. Hide

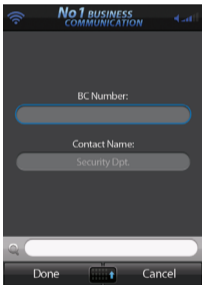
This feature allows you to put application into background, e.g. hide it. This way you will stay on-line, but have your regular phone screen.

## Add new contact

To add a new contact to your list select:

*Options → Contacts → New*

In the dialog window enter BC Number and Contact Name in the corresponding fields.



The screenshot shows a mobile application interface for adding a new contact. At the top, the status bar displays a Wi-Fi icon, the text "No 1 BUSINESS COMMUNICATION", and a signal strength indicator. The main content area has a dark background and contains two input fields. The first field is labeled "BC Number:" and is currently empty. The second field is labeled "Contact Name:" and contains the text "Security Dpt.". Below these fields is a search bar with a magnifying glass icon on the left. At the bottom of the screen, there is a navigation bar with three buttons: "Done", a keyboard icon, and "Cancel".

**BC number** is a unique combination of 11 digits assigned to a person's BC smart card. You can add only numbers which have been registered with the system.

**Contact Name** may be anything you think you could recognize later. You can't leave this field blank.

Press **Done** button.

Once BC Number was entered correctly and Contact Name field was filled, you will see a new contact in your list.

Communication is possible only between contacts who authorized each other (e.g. exchanged contact No.1 BC numbers). That is you can call only to people who are in your contact list and who have added you to their contact lists. This feature eliminates all calls from *unknown* contacts.

All contacts from your list are stored on the secure server, so no private data is saved on the phone. Your contact list is never associated with your phone.

## Edit contact

It may happen that your contact changed the number or you would like to rename it. You can easily do it. Choose the contact and select:

*Options → Contacts → Edit*

Enter a new BC Number and/or Contact Name. To save changes press **Done** button.

## Block contact

Choose the contact from whom you wish not to get any call requests and select:

*Options → Contacts → Block*

You will never get any requests for calls, chats or file transfers from blocked users. You can't contact them either.

To unblock contact, select:

*Options → Contacts → Unblock*

Now you can communicate with that person in BC environment again.

## Delete contact

Choose the contact you would like to delete and select:

*Options → Contacts → Delete*

In the dialog window confirm the action. You can **Cancel** delete operation if you changed your mind or pressed delete by mistake.

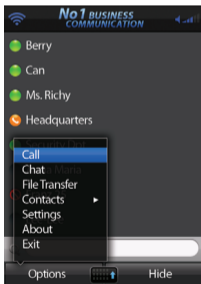
Once the contact is deleted you will not be able to call him or her anymore. It will also eliminate all incoming calls, chats and file transfer requests from that person.

## Calls

### Outgoing calls

Choose the contact in your list and select:

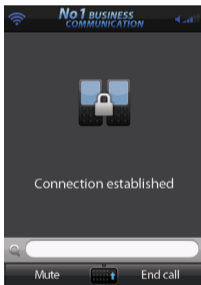
*Options → Call*



## Incoming calls

When your No.1 BC application is launched and you appear on-line other BC users can call you. You can **Accept** or **Reject** all incoming calls.

It takes some time to establish secure connection. Once you are connected with another person you can talk.



During a phone call you can **Mute** your microphone and prevent the other party from hearing you speaking. **Unmute** resumes regular voice functions.

## Chat

No.1 BC chat is a one-time conversation between two people that goes through encrypted secure channel. It cannot be reproduced by any third parties.

Every time you start a chat with someone No.1 BC generates a pair of keys to start a one-time session. For this reason continuing the session is impossible, so when session is broken out or stopped by one of the contacts none of sent messages will be delivered. Any offline messaging is impossible. For security reasons No.1 BC doesn't save any chat history, nor does it track any chat logs.

To start a chat, select the contact and press:

*Options → Chat*

When calling, chat request may be **Accepted** or **Rejected** by a contact person.

When connection is established you can start sending and receiving messages. Each message has a status indicator. It may be:

*Delivered*

*Received*

*Sent*



If a person you talk to gets offline or disconnected while you are chatting, none of your sent messages will be delivered. Those messages will have **Sent** status.

To get back to No.1 BC home screen press **End chat** button.

## File Transfer

No.1 BC provides secure file transfers. It allows you not only send files, but also wipe them. Under File Transfer menu you will find the following options:

*Send file*

*Send and Wipe File*

*Wipe File*

In your contact list select a person to whom you would like to send a file and press:

*Options → File Transfer → Send File*

It will open the No.1 BC file manager. Select a file from your phone or memory card and confirm sending the file.

If you would like the file to be erased forever from your phone after sending it select:

*Options → File Transfer → Send and Wipe File*

**Wipe File** option allows you to delete the file from your phone so that nobody could read it later.

No.1 BC uses special algorithm to wipe files. First it deletes all data from the file and then it erases the file itself. Even if some technologies are used to restore the wiped file, intruder won't be able to extract any bit of you data from there.

## Receiving files

When you get a file transfer request you are able to **Accept** or **Cancel** it. To save the file click Accept button and specify location where it should be saved.

If the filename already exists No.1 BC will rename the file and add a number index in the end of its name. For example, if you want to save file my-list.jpg it will rename it into my-list[1].jpg. If you want to save the file my-list[1].jpg and another file with such name already exists it will save it as my-list[2].jpg and so on.

When the file transfer is complete you will be suggested to open it.

## Settings

To select custom setting for your No.1 BC application select:

*Options → Settings*

No.1 BC settings are not associated with your general phone settings and are applied only within the application.

Currently available options:

*Select ringtone*

*Volume*

*Interface language*

*Writing language*

### **Select ringtone**

This feature allows you to select a ringtone from all available ringtones on your phone and set it for all incoming No.1 BC calls.

### **Volume**

Use volume controls to set custom values for the ringtone and speaker. Once you are done, save changes.

## Select interface language

You can change the language No.1 BC “speaks” to you.  
Currently available languages:

*German*

*English*

*Spanish*

*French*

*Italian*

*Turkish*

*Bulgarian*

*Russian*

## Select writing language

This option defines what keyboard layout No.1 BC will use by default. Writing language may be different from user interface language.

## About

About option shows you the version of the No.1 BC installed on your phone and your No.1 BC number.

## Exit

Closes application and disconnects from the server. When you exit the application communicating in No.1 BC system becomes impossible.

## Card reissue

No.1 BC GmbH provide card reissue for the following cases:

1. *Incorrect PIN blocked your card*
2. *You lost your No.1 BC card*
3. *Service reissue*

In case you lost the card or it was blocked because of incorrect PIN, card reissue will cost you some fee.

Please contact No.1 BC sales representative. You will need to specify your No.1 BC number and answer a secret question you were put when buying a card. You may get your previous number with a new No.1 BC card. For security reasons when the card is blocked all secret data is erased from it. So when you get the card back you contact list will be blank, so you will need to add all contacts again.

If you noticed that your card works improperly or weird, please contact No.1 BC sales representative, who sold you the card. If a sales person confirms that your card works incorrectly, it will be replaced with a new one.