

INFOBIP WORX

Product manual

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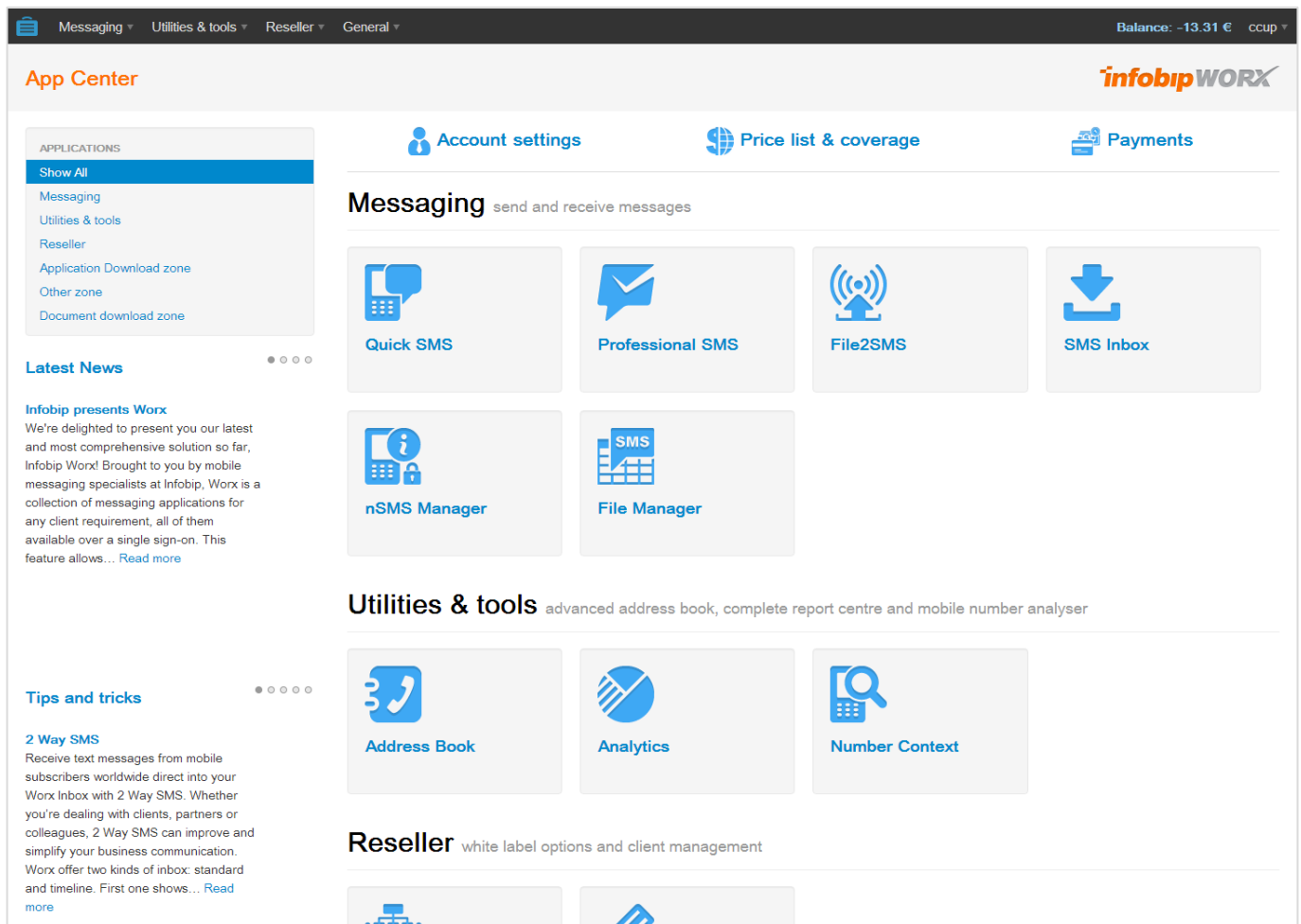
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1 HOME

The Home page shows the entire list of Worx applications available on the app store. The left side menu helps you quickly navigate between different app store categories.

→ Figure 1: Worx home screen



1.1 APPLICATION CATEGORIES

- Messaging - list of applications for sending and receiving messages
- Utilities & tools - list of applications that help manage your messaging activities

- Reseller - list of applications related to the reselling of mobile messaging
- Application Download zone - list of non-Web applications that need to be downloaded prior to use
- Other zone1 - list of other Infobip Web applications
- Document Download zone2 - List of various uploaded documents (Help etc.)

1.2 TOOLBAR

→ Figure 2: Worx toolbar



The Worx toolbar is visible on the upper side of the home page. It is divided into categories listed above and is visible in any Worx application. You don't need to return to Worx home to navigate between Worx applications; this can easily be done through the toolbar.

The first image link on the left side leads to the homepage. The left side offers the main menu, divided into four main categories. Each category pops up and offers links to applications in respective categories.

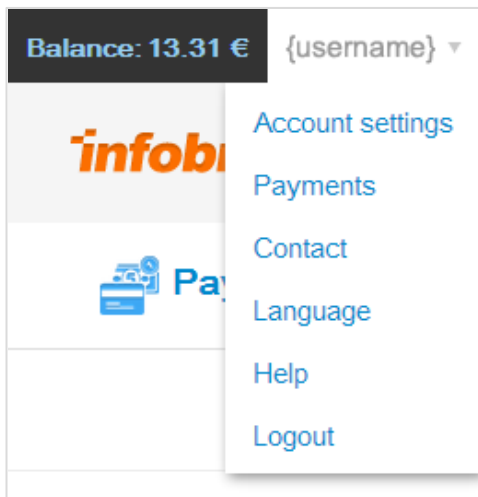
The right side of the toolbar displays account balance, which is also the link to the "Buy credits" section. The user menu is located on the far right side with your username as the title. The user menu pops up links to vital services such as account settings, language change, help and logout.

¹ Other zone Web applications have their own help documents available for each application.

² A help document for each of the download zone applications comes with the installation program.

1.3 MENU OPTIONS

→ Figure 3: Menu options



The Menu Option is available on the right side of the toolbar, and allows the following options:

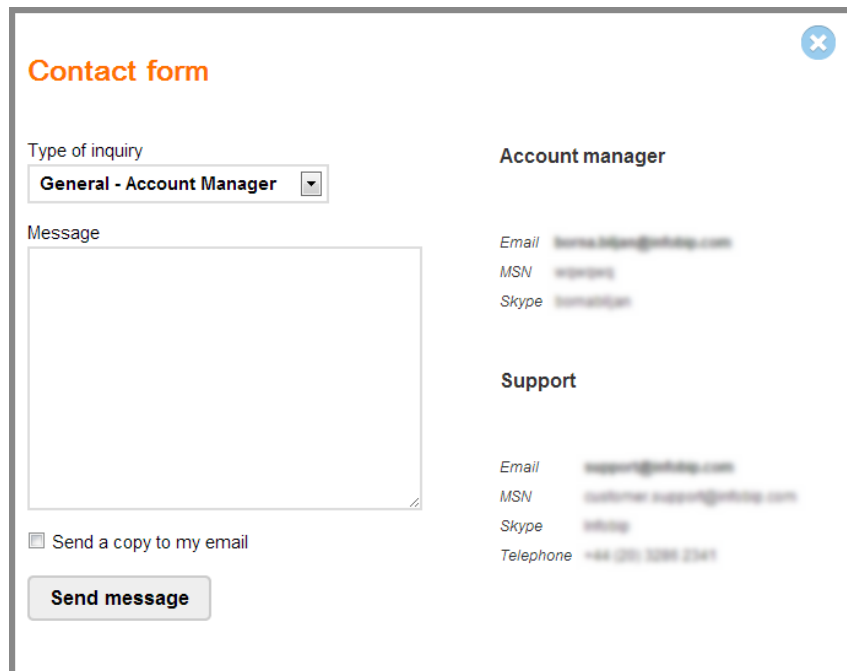
- Account settings - direct link to account settings
- Payments - direct link to the payment application
- Contact - pop up window with contact form and contact details of your account Manager and Infobip Support
- Language - primary and secondary language selector
- Help - link to online help document
- Logout - when finished working on Worx , use this option to logout out of a Worx session

1.4 CONTACT

Contact data allows you to easily contact your Sales Manager or customer support through the online contact form.

In order to provide you with best possible service and fast response time, please try to always contact your Sales Manager first. Already familiar with all the details regarding your account, your Sales Manager can provide you with fast and accurate help.

→ Figure 4: Contact form (opens in a popup window)



Contact form

Type of inquiry
General - Account Manager

Message

☐ Send a copy to my email

Send message

Account manager

Email business.support@infobip.com
 MSN [msn@infobip.com](#)
 Skype [skype@infobip.com](#)

Support

Email support@infobip.com
 MSN customer.support@infobip.com
 Skype [infobip](#)
 Telephone +44 (0)20 3286 2341

1.4.1 CONTACT TYPES

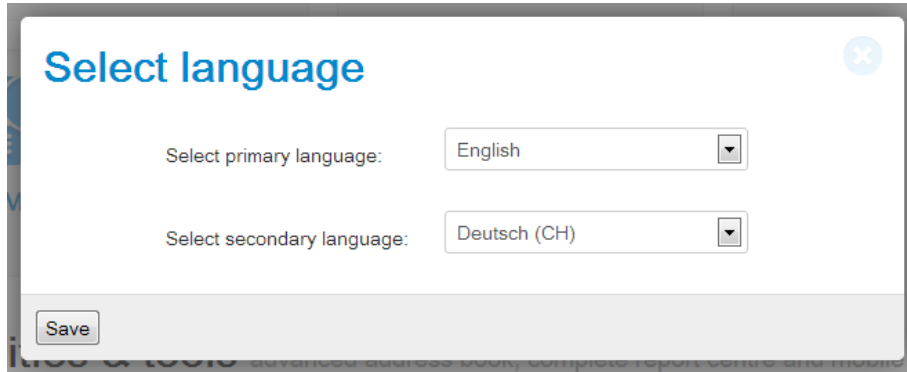
Several contacts are available:

- Email
- MSN Messenger
- Skype
- Mobile

1.5 LANGUAGES

This pop up window gives you the possibility to choose your Worx language. At the moment we have a list of 14 languages that are available to you: English, Italian, Spanish, Portuguese, Polish, French, Vietnamese, Turkish, Thailand, Croatian, Slovakian, Serbian, Brazilian (Portuguese) and Swedish.

→ Figure 5: Language selector (opens in a popup window)



1.5.1 PRIMARY LANGUAGE

The language you want Worx to be shown in.

1.5.2 SECONDARY LANGUAGE

If the primary language is not available then Worx will be shown in this, the secondary language. If neither is available, then Worx will be shown in its default language i.e. English.

2 ACCOUNT SETTINGS

2.1 MY ACCOUNT

The Account details toolbar allows you to save changes made to your account settings.

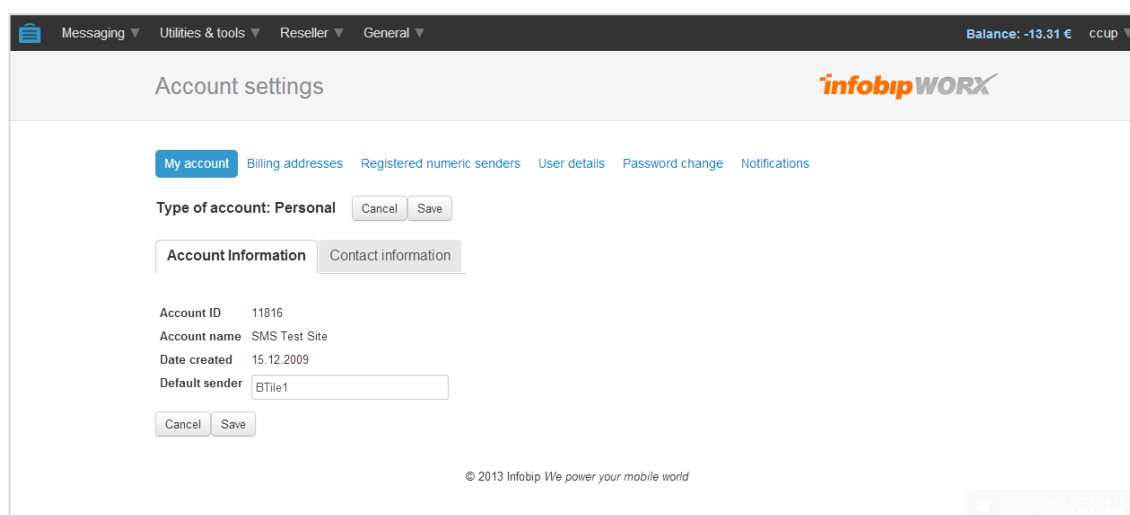
The Account details page displays and allows you to modify account settings:

- Account information - basic account information filled in by your sales manager upon account creation.
- Contact information - your contact information used for reports and other communication purposes.
- Billing information - used for invoices, online payments.
- Registered numeric senders - verified mobile numbers used as numeric senders.

A numeric sender needs to be registered and verified in Worx.

2.1.1 ACCOUNT INFORMATION

→ Figure 6: Account information screen



The Account information panel contains basic account information filled in by your Sales Manager upon account creation. Several options are displayed:

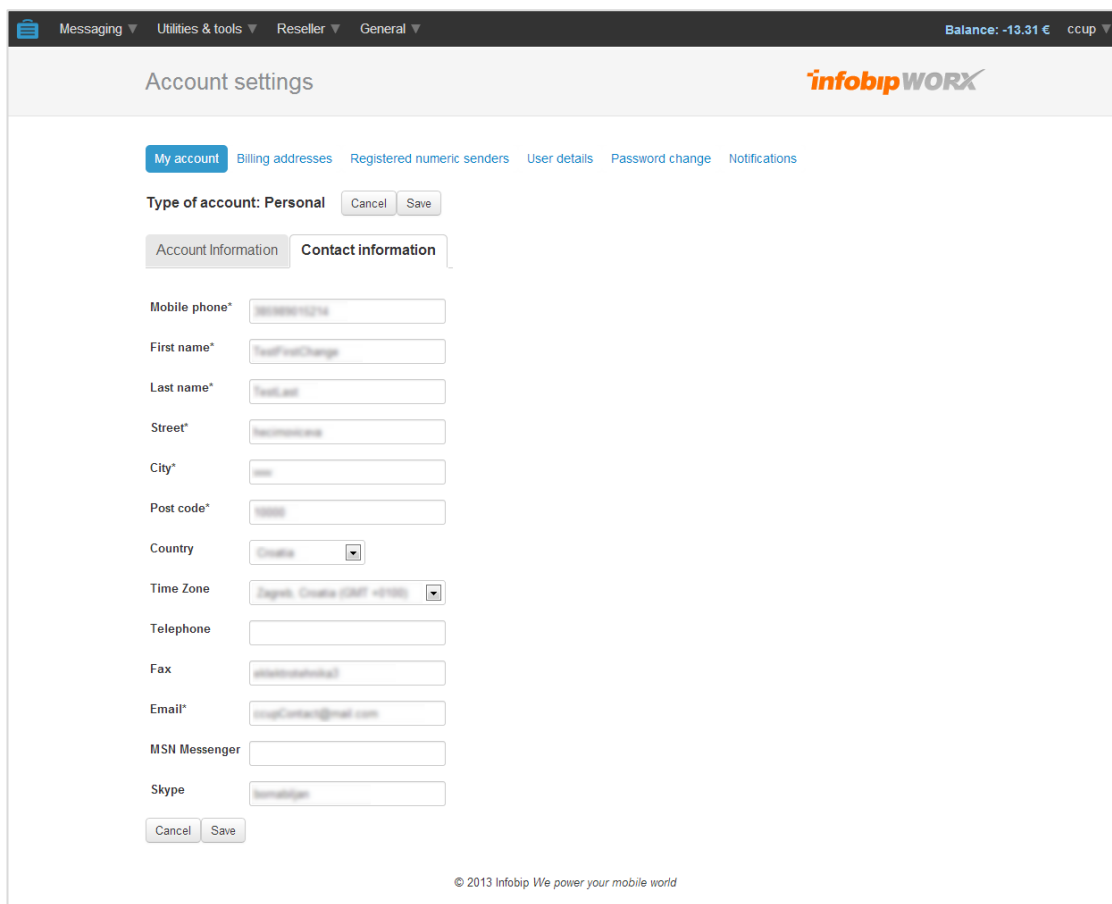
- Account ID - your account ID used to identify your account when contacting Support or Sales.
- Created date - date when your account was created by your Sales Manager.

- Language - select your language in which Worx will be displayed.
- Default sender name - default sender name that is used as alphanumeric or numeric sender in Quick SMS and File2SMS.

A numeric sender needs to be registered and verified in Worx.

2.1.2 CONTACT INFORMATION

→ Figure 7: Contact information section. Mandatory field are labelled with an asterisk (*).



The screenshot displays the 'Account settings' page for 'infobipWORX'. The top navigation bar includes 'Messaging', 'Utilities & tools', 'Reseller', and 'General'. The user's balance is shown as '-13.31 €' and the user profile picture is visible. The 'Account settings' section has tabs for 'My account', 'Billing addresses', 'Registered numeric senders', 'User details', 'Password change', and 'Notifications'. The 'My account' tab is active, and the 'Contact information' sub-tab is selected. The 'Type of account' is set to 'Personal'. The 'Contact information' section contains the following fields:

- Mobile phone*
- First name*
- Last name*
- Street*
- City*
- Post code*
- Country (dropdown menu)
- Time Zone (dropdown menu)
- Telephone
- Fax
- Email*
- MSN Messenger
- Skype

At the bottom of the form, there are 'Cancel' and 'Save' buttons. The footer of the page reads '© 2013 Infobip We power your mobile world'.

Contact information contains your contact and location details.

Country and Time zone: please be sure you set up your country and Time Zone properly in order to get the correct corresponding time when receiving reports.

2.2 BILLING ADDRESSES

- Figure 8: Billing addresses screen. A BA becomes active once a successful payment occurs. The BA marked “default” will be used for purchasing credits.

Default	Description	City	Street	Company	Is active
☐	London billing address	London	New street 1	Acme media	✓
☐	Pula billing address	Pula	Guhanova 4	Acme Media d.o.o.	✓
☐	billing address 2	af	velas	abaf	✓
☒	Test new BA	testnewcity	Test street	test company	✓
☐	billing address 3	adafad	afica	radio company	✓
☐	test billing address	gallinograd	radio ulica	test firm d.o.o.	✓
☐	short new billing address	zagreb	hacimovicova	radio	✓
☐	gen billing add	gen billing city	gen billing street	gen billing company	—

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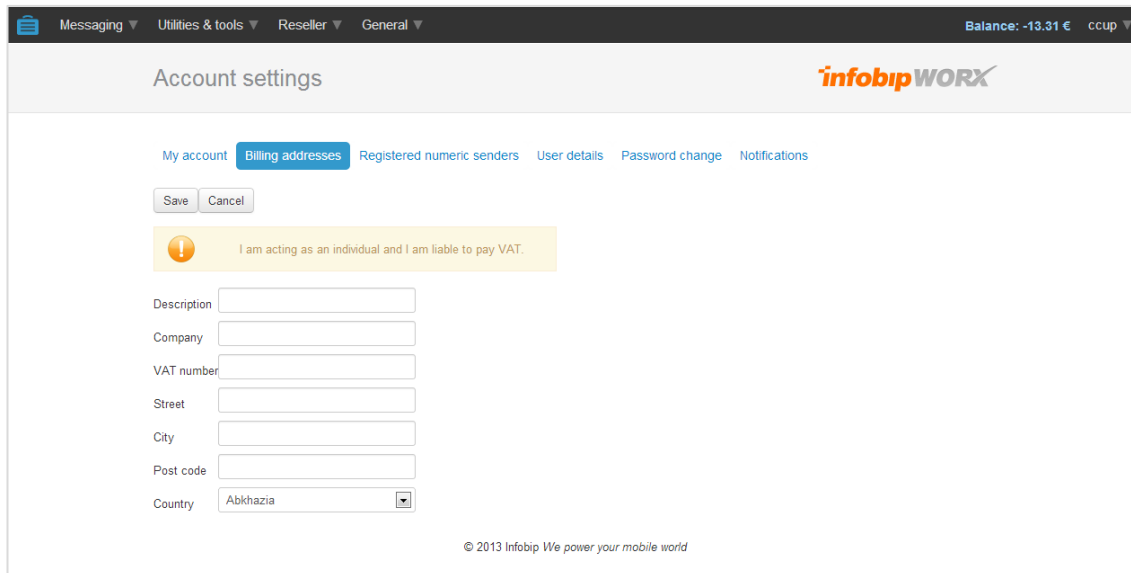
The billing addresses area contains data used for invoices.

Several billing addresses can be entered, but only one is used as the default address for invoicing.

To enter a new billing address or change the current address, please contact your Sales Manager.

For companies in the European Union a valid VAT number is obligatory to be exempt from VAT.

→ Figure 9: Add new billing address screen



To enter a new billing address or change the current address, please contact your Sales Manager.

When entering a new billing address, filling in all the required fields is mandatory.

For companies in the European Union a valid VAT number is obligatory to be exempt from VAT.

2.3 REGISTERING NUMERIC SENDERS

- Figure 10: Numeric senders are actual mobile numbers that need be verified as senders before use. This has to be done prior to sending any SMS from Worx.

Account settings

My account Billing addresses **Registered numeric senders** User details Password change Notifications

Add New

Number	Description	Verification code	Operations
3671912677145	Angela Hall	Verified	Delete
3671912677176	Angela	Verified	Delete
3671912677180	Roberto	Verified	Delete
3671912677184	Steve	Verified	Delete
3671912677188	Bob	Verified	Delete
3671912677192	Chris	Verified	Delete
3671912677196	Marina Phoenix	Verified	Delete
3671912677200	Patric	Verified	Delete
3671912677204	Yvonne	Verified	Delete
3671912677208	Guillaume	Verified	Delete
3671912677212	Marina work	Verified	Delete
3671912677216	Marina exp	Verified	Delete
3671912677220	Patric work	Verified	Delete
3671912677224	DFCCP	Verified	Delete
3671912677228	gpn	Enter code	Delete
3671912677232	gpn	Enter code	Delete

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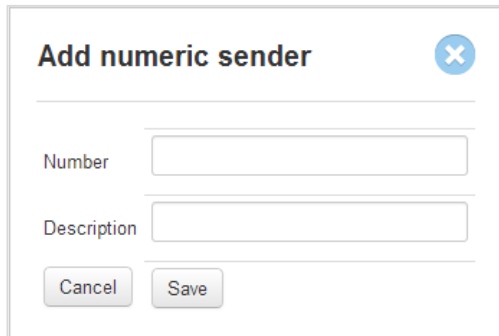
Register numeric sender allows you to register as many numeric senders as you wish.

Register numeric sender shows your entire list of registered numeric senders.

2.3.1 HOW TO USE

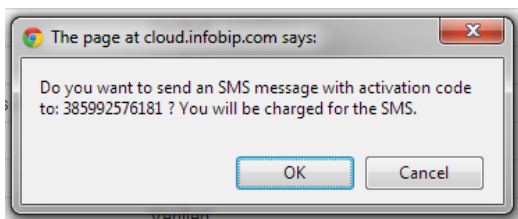
1. To register a new number click the **Add New** button
2. Open a new window where you have to add the "Number" you want to register and add the "Description".
3. Click "Save".
4. New window for confirmation will pop up, as the message with the activation code has to be charged.
5. Once you receive a message with the verification code, simply type it in the "Enter code" box.
6. A new number has been added to the numeric sender list.

→ Figure 11: Add numeric sender popup



A modal dialog titled "Add numeric sender" with a close button (X) in the top right corner. It contains two input fields: "Number" and "Description". Below the fields are two buttons: "Cancel" and "Save".

→ Figure 12: A confirmation dialog appears when you hit "Save". Click "ok" to send a verification code to the number provided.



A confirmation dialog box with a title bar that says "The page at cloud.infobip.com says:". The main text asks: "Do you want to send an SMS message with activation code to: 385992576181 ? You will be charged for the SMS." There are two buttons at the bottom: "OK" and "Cancel".

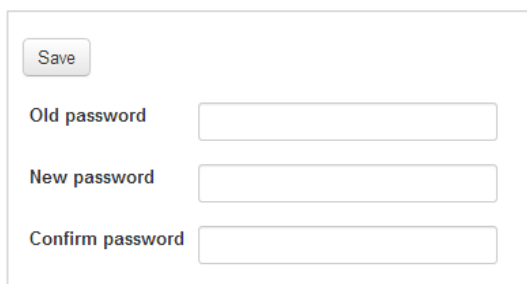
→ Figure 13: An SMS containing the verification code is delivered to the provided number. Enter the four digit code in the "Enter code" field in the respective row created in the senders list. You have 3 attempts to enter the code correctly; otherwise the added numeric sender will automatically be removed from the list.



A row in a table representing a sender. It has a name "Dario" and an "Enter code" input field. To the right of the input field is a "Delete" link.

2.4 PASSWORD CHANGE

→ Figure 14: Password change screen – to change the password you need to enter the old (current) password and type in the new password in the fields provided below. Note that the passwords are case-sensitive. Click "Save" after entering all data for the changes to take effect.



A form for changing a password. It has a "Save" button at the top left. Below it are three input fields labeled "Old password", "New password", and "Confirm password".

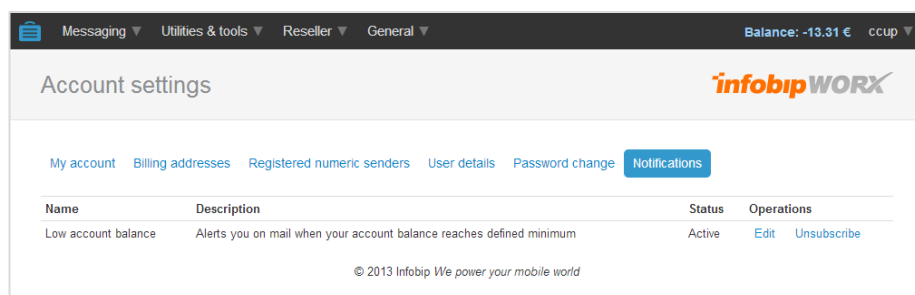
You can change your account password at any time.

After the password has been changed, click the “Save” button for changes to be confirmed and saved in the system.

For security reasons the old password needs to be entered before changing it.

2.5 NOTIFICATIONS

→ Figure 15: Notifications screen



Notifications provide useful information about your account that can be sent to your email or mobile phone.

The “Notifications” table displays several types of information:

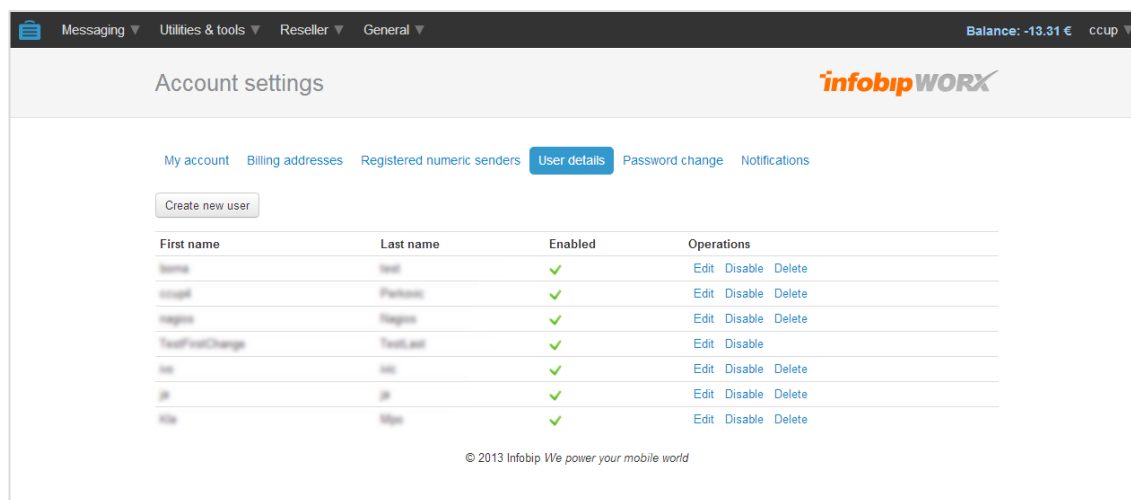
- Name - notification type.
- Description - notification description and explanation.
- Status - if you have subscribed to a notification, status is active. If not, status is inactive.
- Operations - the option to subscribe/unsubscribe to/from a notification, and edit notification options if subscribed.

To receive a notification you have to be subscribed to one.

If notifications are sent to your mobile, your account will be charged for the SMS³ sent.

2.6 USER DETAILS

→ Figure 16: User details screen displays a list of created users.



The screenshot shows the 'User details' section of the infobip WORX account settings. It includes a navigation bar at the top with 'Account settings' and the infobip WORX logo. Below the navigation bar, there are tabs for 'My account', 'Billing addresses', 'Registered numeric senders', 'User details' (which is selected), 'Password change', and 'Notifications'. A 'Create new user' button is located below the tabs. The main content area displays a table of users:

First name	Last name	Enabled	Operations
John	Doe	✓	Edit Disable Delete
John	Doe	✓	Edit Disable Delete
John	Doe	✓	Edit Disable Delete
John	Doe	✓	Edit Disable
John	Doe	✓	Edit Disable Delete
John	Doe	✓	Edit Disable Delete
John	Doe	✓	Edit Disable Delete

At the bottom of the screen, there is a copyright notice: © 2013 Infobip We power your mobile world.

User details allow you to manage users. You can have multiple users with different login credentials all used for the same account.

You can easily create new user, edit the existing ones or disable them.

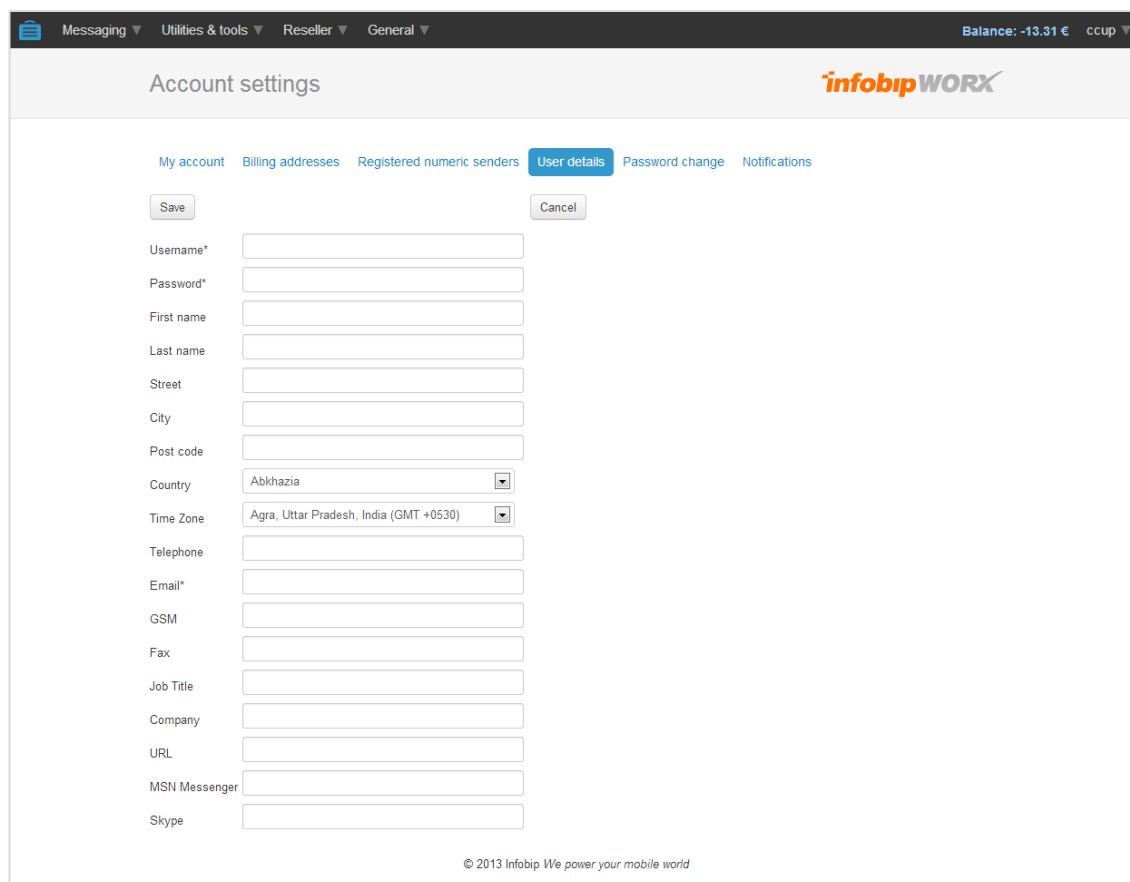
Mandatory fields are:

- Username

³ SMS (Short Message Service) is a form of text messaging communicating on phones and mobile phones.

- Password
- Country
- Time zone
- E-Mail

→ Figure 17. Add new user screen



The screenshot shows the 'Account settings' page for 'infobip WORX'. The 'User details' tab is selected. The page contains a form with the following fields:

- Username*
- Password*
- First name
- Last name
- Street
- City
- Post code
- Country (Dropdown menu showing 'Abkhazia')
- Time Zone (Dropdown menu showing 'Agra, Uttar Pradesh, India (GMT +0530)')
- Telephone
- Email*
- GSM
- Fax
- Job Title
- Company
- URL
- MSN Messenger
- Skype

At the top of the form are 'Save' and 'Cancel' buttons. The bottom of the page features the copyright notice: '© 2013 Infobip We power your mobile world'.

3 PRICE LIST AND COVERAGE

3.1 PRICE LIST

→ Figure 18: Price list & coverage home screen

The screenshot shows the 'Price list & coverage' page in the infobip WORX interface. At the top, there's a navigation bar with 'Messaging', 'Utilities & tools', 'Reseller', and 'General' menus, and a balance of -13.33 €. The page title is 'Price list & coverage'. Below the title, there are two tabs: 'Price list' (selected) and 'Check price'. Under 'View as:', there are 'Table' and 'Map' options, with 'Table' selected. There are two dropdown menus: 'Select route' (showing 'Alpha Route') and 'Filter by prefix'. To the right of these is an 'Export to:' section with 'CSV' and 'Excel' buttons. Below these is a table with two columns: 'Prefix' and 'Country'. The table contains the following data:

Prefix	Country
7	Abkhazia
93	Afghanistan
355	Albania
213	Algeria
1684	American Samoa
376	Andorra
244	Angola

This page provides global pricing and coverage information.

3.1.1 FILTER & EXPORT DATA

→ Figure 19: Data filter

The screenshot shows the data filter section, which includes a 'Select route' dropdown menu (showing 'Alpha Route') and a 'Filter by prefix' dropdown menu. To the right of the 'Filter by prefix' dropdown is a 'Filter' button.

→ Figure 20: Export buttons

The screenshot shows the export buttons, which are 'CSV' and 'Excel' buttons, preceded by the text 'Export to:'.

How to filter displayed data or export the detailed price list in common data formats.

- Select route - select the dedicated delivery route
- Filter by country / Filter by prefix - provides data filtering for table view mode. Click the Filter button after filling either field to refresh display.
- Export as: Excel / CSV - download and view detailed world coverage and pricing lists in Excel or CSV formats.

3.1.2 VIEW AS: TABLE / MAP

- Table view mode displays the world coverage list which is alphabetically sorted by country names and displaying country prefixes. Click a country name to show/hide information on message pricing for supported mobile networks and their respective mobile country and mobile network codes.
- Map view mode provides interactive geographical pricing and coverage overview. Hover over a country to display average service pricing. Click to zoom in on a region, then click a country to display information on message pricing for supported mobile networks, mobile country and mobile network codes.

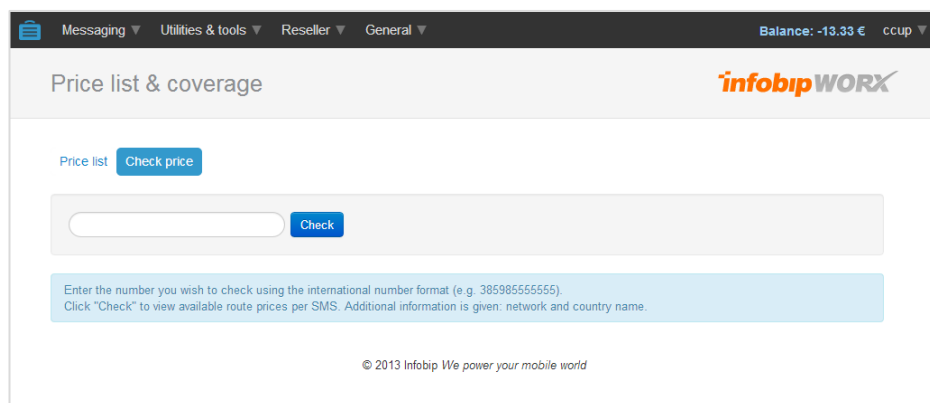
Flash player plugin is required for map view mode.

- Figure 21: Map view mode. Hover the cursor over countries to display the average price for the selected country. Use the double click action to zoom in.



3.2 CHECK PRICE

→ Figure 22. Check price page



This page provides quick information about SMS price, for all your available routes, for a particular mobile number.

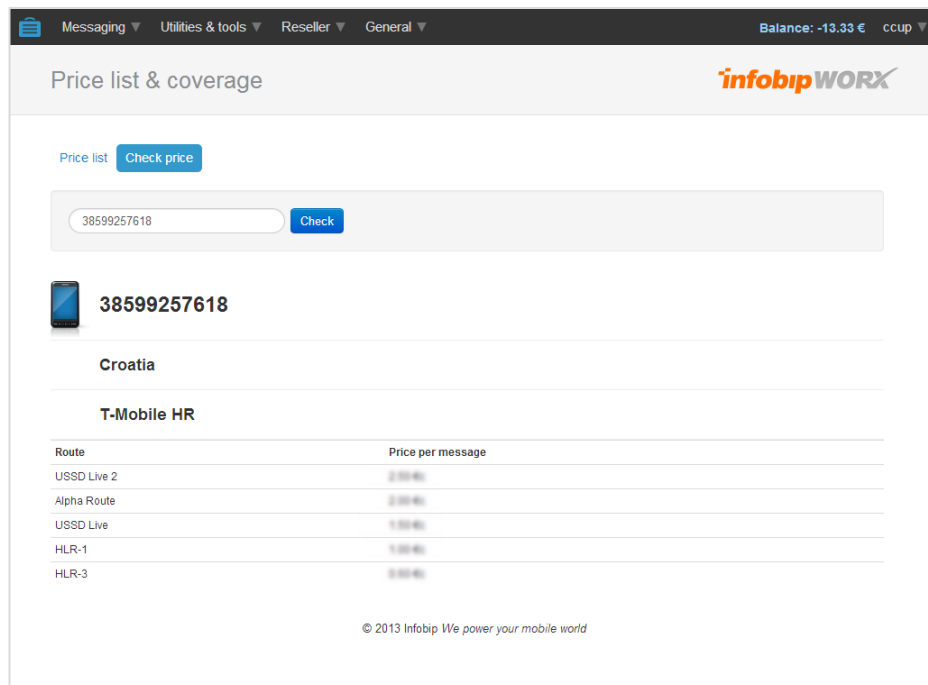
3.2.1 HOW TO CHECK SMS PRICE:

1. Insert a mobile number into the provided field. Mobile number must be entered in the international format (country prefix/mobile network prefix/mobile number, without blank spaces, '+' or other special characters). You can only enter one number per check.
2. Click the Check button

After the check is complete, the following information will be provided for the mobile number:

- Country name - country of origin
- Network name - mobile service provider
- Route - delivery route name / type
- Price per message - price of single message delivery or single Number Context lookup is a lookup into central database that contains details of each mobile phone subscriber that is authorised to use the GSM core network.

→ Figure 23: check price results



The screenshot shows the 'Price list & coverage' interface on the infobipWORX platform. At the top, there's a navigation bar with 'Messaging', 'Utilities & tools', 'Reseller', and 'General' tabs, and a balance of -13.33 €. Below this, the page title 'Price list & coverage' is displayed next to the 'infobipWORX' logo. A 'Price list' tab is active, and a 'Check price' button is visible. A search bar contains the number '38599257618' with a 'Check' button. The results show a mobile phone icon next to the number '38599257618', followed by 'Croatia' and 'T-Mobile HR'. A table lists the 'Route' and 'Price per message' for various services.

Route	Price per message
USSD Live 2	2.000 €
Alpha Route	2.000 €
USSD Live	1.000 €
HLR-1	1.000 €
HLR-3	0.000 €

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4 PAYMENTS

4.1 BUY CREDITS

→ Figure 24: Buy credits screen.

Payments

infobipWORX

Buy credits

Pending payments

Payment history

Buy credits

PENDING PAYMENTS :
0

ACCOUNT BALANCE :
13.33 €

PAYMENT MODEL :
PREPAID

► 1 Amount and billing info

► 2 Payment method

► 3 Summary

► 4 Payment gateway redirection

► 5 Payment confirmation

► 6 Invoice

Currency

EUR

Amount to pay

Calculate

1.00

EUR

Payment from

☒
Pula billing address, Gortense 4, 52185 Pula, SO VAT/CN (VAT 0%)

☐
Neki road 88, Yaku street, 80000 Wagga, GB VAT/CN (VAT 20%)

☐
Billing address 8, ulica, 10000 ulica, SO VAT/CN (VAT 0%)

☐
grn billing add, grn billing street, 12476 grn billing city, HR VAT/CN 12 (VAT 0%)

☐
test billing address, neta ulica, 30039 gradugrad, HR VAT/CN 4780369 (VAT 0%)

☐
London billing address, New street 1, 10000 London, GB VAT/CN (VAT 20%)

☐
skoro novo billing address, hromoticeva, 30000 zagreb, HR VAT/CN 302323 (VAT 0%)

☐
Billing address 2, ulica, 40407 ul, GB VAT/CN (VAT 20%)

Next

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This page enables purchasing of credits and creating a quotation needed for making an offline payment.

Please contact your Sales Manager if you need to enter any billing information for making online payments.

→ Figure 25: Amount calculator

EUR / SMS x	SMS =	Amount to pay	Close calculator
0.02	50	1.00	EUR
Price per SMS (eg. 0.05)	SMS quantity (eg. 10000)		

4.1.1 ONLINE/OFFLINE PAYMENTS

Make an online payment or create a quotation needed for making an offline payment.

The payment process requires several consecutive steps depending on the payment method.

When using online payment methods you will be redirected to and from secure payment sites as part of the payment process.

4.1.1.1 THE STEPS TO MAKE AN ONLINE PAYMENT

- Amount and billing info** - enter or calculate the amount to be paid and select the desired currency. Also, select your billing address (The "Payment from" checkbox option).
- Payment method** - choose a payment method. If a payment of the same type already exists, Worx will display a link to Pending payments below each method.
- Cardholder info** (for Credit Card only) - make sure all cardholder's information (such as Address, City, etc.) are correct.
- Summary** - a summary of previously inserted values is displayed (payment method, amount, etc.). If a certain value is not correct, you are able to navigate to previous steps ("Back" button) and change it. You are able to navigate to all the previous steps by clicking on links available within the "Summary" section as well. These links include:
 - Change Cardholder Info (for Credit Card only)
 - Change Billing Address
 - Change Payment Method
 - Change Amount
- Payment gateway redirection** - you are redirected to a secure payment site. Fill the required information before continuing with the process.
- Payment confirmation** (for Paypal only) - confirm your payment process
- Invoice** - if the payment process was successful, an invoice will become available.

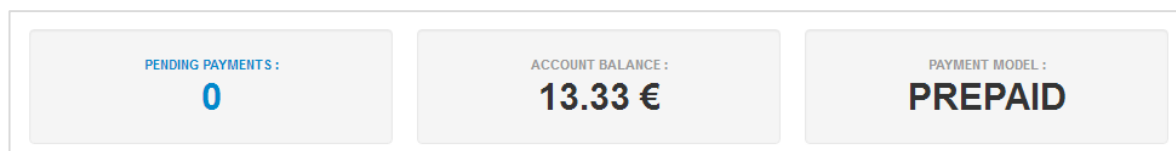
For companies in the European Union a valid VAT number is obligatory to be exempt from VAT.

4.1.1.2 THE STEPS TO CREATE AN OFFLINE QUOTATION

1. **Amount and billing info** - enter or calculate the amount to be paid and select the desired currency. Select your billing address too (The "Payment from" checkbox option)
2. **Payment method** - choose a payment method. If a payment of the same type already exists, Worx will display a link to Pending payments below each method.
3. **Summary** - A summary of previously inserted values is displayed (payment method, amount, etc.). If a certain value is not correct, you are able to navigate to previous steps (by using the "Back" button) and change it. You are able to navigate to all previous steps by clicking the links available within the "Summary" section as well. These links include:
 - Change Billing Address
 - Change Payment Method
 - Change Amount
4. **Quotation** - you can download a payment quotation in PDF format by clicking the "Download" button or even start a new payment process by clicking the "Done/New payment" button

4.1.2 INFO RIBBON

→ Figure 26: Payments info ribbon



On the info ribbon section, you can view important information about your account balance and payments.

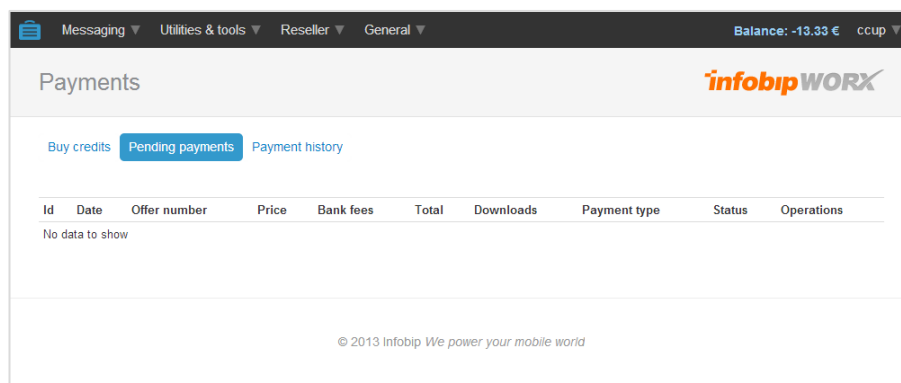
- Pending payments - displays the number of pending payments. This is also the link to the Pending payments page.
- Account balance - displays your current account balance.
- Payment model - your payment model - Prepaid or Postpaid.

To change your payment model, please contact your sales manager.

For companies in the European Union a valid VAT number is obligatory to be exempt from VAT

4.2 PENDING PAYMENTS

→ Figure 27: Pending payments list



Id	Date	Offer number	Price	Bank fees	Total	Downloads	Payment type	Status	Operations
No data to show									

This page displays a detailed list of payment transactions already processed and payment management options.

Once the transaction is completed for a specific item regardless of the payment method, the item is cleared from the "Pending payments" page and can be found on the Invoices history page.

4.2.1 PENDING PAYMENTS LIST DESCRIPTION

- Id - payment identification number.
- Date - date of payment transaction.
- Offer number - unique Worx offer number.
- Price - total amount allocated to your account for message sending.
- Bank fees - administrative fee charged by bank for online payments.
- Total - total amount to be paid.
- Downloads - you can download a quotation for a pending payment in PDF format by clicking the "Download" button.
- Payment type - displays payment type:
 - Offline
 - Credit card
 - PayPal
- Status - displays payment status.

- Operations - click the "Delete" button to remove a payment quotation from the list. A confirmation window will appear.

4.3 PAYMENT HISTORY

→ Figure 28: Payment history screen

Messaging ▾ Utilities & tools ▾ Reseller ▾ General ▾ Balance: -13.33 € ccup ▾								
Payments								infobipWORX
Buy credits Pending payments Payment history								
Date	Offer number	Invoice number	Price	Bank fees	Total	Payed	Date paid	Downloads
2013-03-18	CP-8887	CP-4121	€1.00	€0.05	€1.05	✓	2013-03-18	Download PDF
2013-03-05	CP-7226	CP-3387	€1.00	€0.05	€1.05	✓	2013-03-05	Download PDF
2013-02-26	CP-6638	CP-2863	€1.00	€0.05	€1.05	✓	2013-02-26	Download PDF
2013-02-22	CP-6883	CP-2677	€1.00	€0.05	€1.05	✓	2013-02-22	Download PDF
2013-02-22	CP-6882	CP-2676	€1.00	€0.03	€1.03	✓	2013-02-22	Download PDF
2012-12-20	TC-88781	TC-TC-116282	€70.00	€0.00	€70.00	✗		Download PDF
2012-11-16	CP-62162	CP-12836	€1.03	€0.00	€1.03	✓	2012-11-16	Download PDF
2012-08-24	CP-67162	CP-8642	€1.00	€0.03	€1.03	✓	2012-08-24	Download PDF
2012-08-23	CP-67045	CP-8684	\$1.00	\$0.03	\$1.03	✓	2012-08-23	Download PDF
2012-08-20	CP-66743	CP-8678	\$1.00	\$0.05	\$1.05	✓	2012-08-20	Download PDF
◀ ▶ Page 1 of 7 Refresh								

On this page you can view a detailed list and download quotations for all payment transactions associated with your account.

4.3.1 PAYMENT HISTORY LIST DESCRIPTION

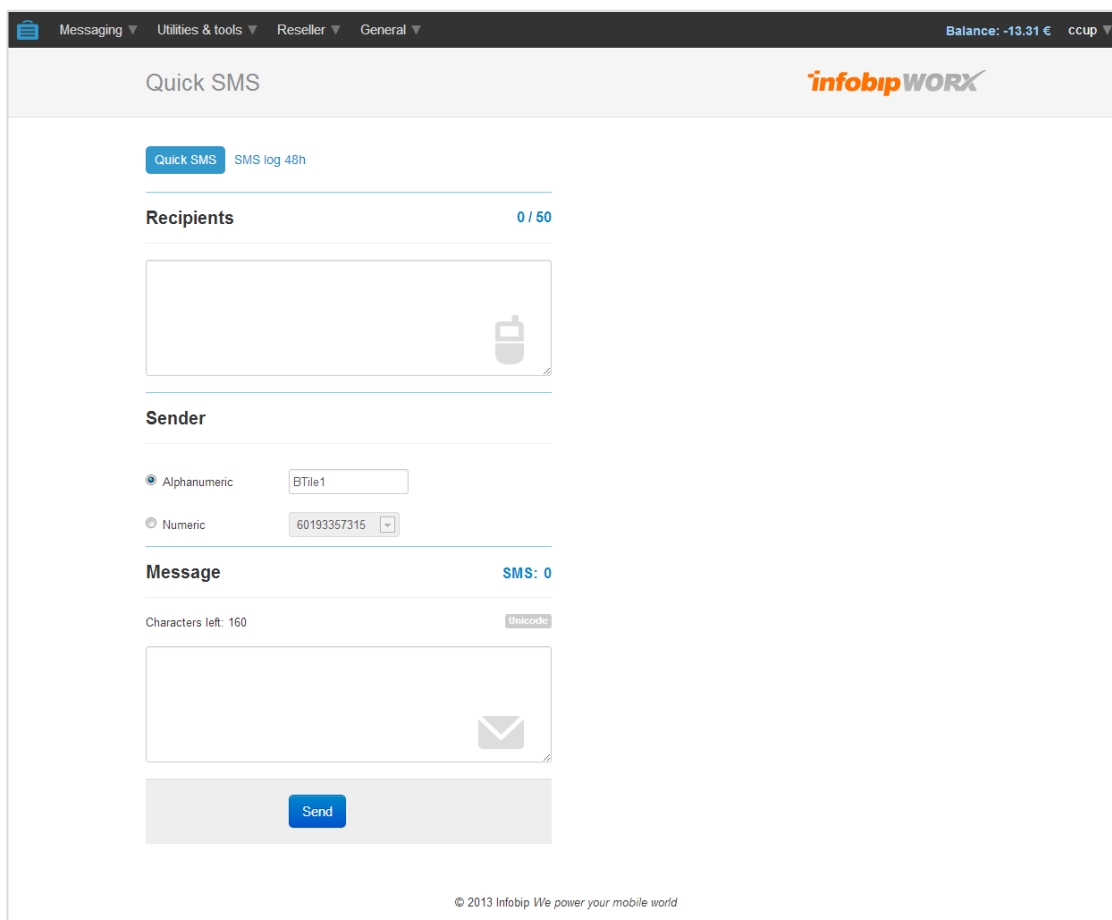
- Date - date of quotation creation.
- Offer number - unique Worx offer number.
- Invoice number - unique Worx invoice number.
- Price - total amount allocated to your account for message sending.
- Bank fees - administrative fee charged by banks for making online payments.

- Total - total amount to be paid.
- Paid - displays whether the transaction has been completed:
 - Paid - green tick
 - Not paid - 'x'
- Date paid - displays the date of transaction completion if paid.
- Downloads - you can download an invoice in PDF format by clicking the "Download" button.

5 MESSAGING

5.1 QUICK SMS

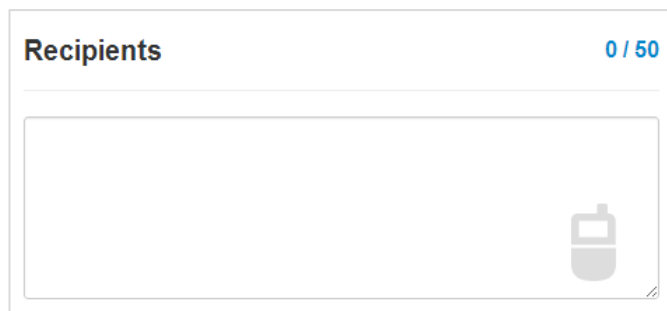
→ Figure 29: Quick SMS screen consisting of the “Recipients”, “Sender” and “Message” sections



Quick SMS allows you to send SMS messages to up to 50 recipients by using four simple steps.

5.1.1 STEP 1

→ Figure 30: Recipients section



Enter the mobile number(s) in the "Recipients" field.

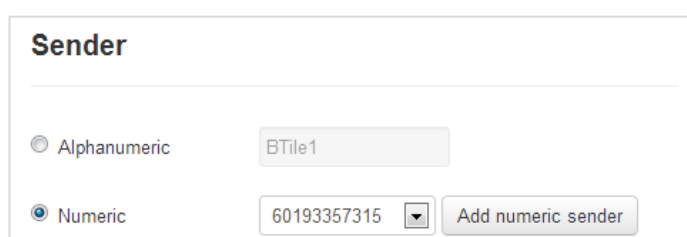
You can enter them manually by typing, or by pasting numbers copied from a TXT, Excel or CSV file. The maximum number of recipients you can add on quick SMS is 50.

Make sure the numbers are each in a new line, one under the other.

The system automatically recognises the numbers and their format, and there is no need to enter delimiters (comma, semi-colon, full stop etc.) or special characters (leading + or zero).

5.1.2 STEP 2

→ Figure 31: you can choose between alphanumeric and numeric sender. Add numeric sender button triggers with the same procedure as described in 2.3



Select the numeric or alphanumeric sender ID in the Sender section.

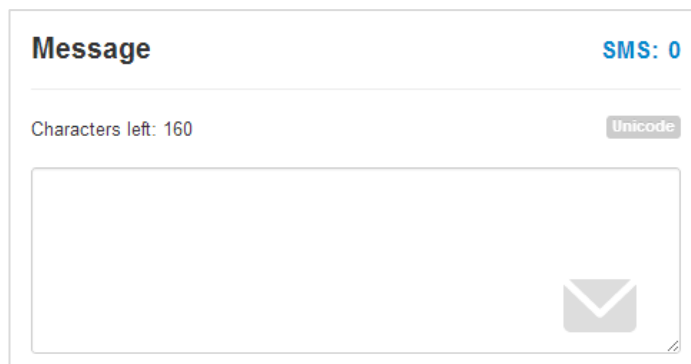
When selecting the numeric sender ID, select one of the registered and verified mobile numbers on the list. Numeric values are used to simulate actual international or national sender IDs.

Alphanumeric sender IDs can be entered manually and can contain both numbers and letters, but not only numbers.

The default alphanumeric sender ID is set up under "Account > My Account menu, Account information panel."

5.1.3 STEP 3

→ Figure 32: Message section

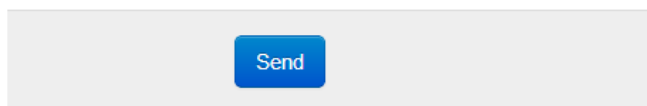


Enter the message text in the Message box.

Message and character counts are displayed above the frame.

5.1.4 STEP 4

→ Figure 33: Send button



Click Send to send message(s) to send a preview message to the number of your choice.

5.2 SMS LOG 48H

→ Figure 34: SMS log 48h screen

External message id	Sent date	Sender	Recipient	Destination country	Destination network	SMS count	Status	Delivery report time	Message text
033031915274888401	19.03.2013 15:27:49	SenderReg	385992576181	Croatia	T-Mobile HR	1	Message sent		Your activation code is: ****

SMS log 48h section gives you an overview of all your sent messages, as well as export options.

5.2.1 FILTER MESSAGES

→ Figure 35: Filter forms. Click the Refresh button after toggling form properties or entering or removing data for changes to take effect.

- By recipient:
 1. Enter recipient number
 2. Press Refresh button
- By status:
 1. Select only the desired checkbox for statuses you want to filter
 2. Press Refresh button
- By External message Id:
 1. Enter the desired External message Id

2. Press the Refresh button

5.2.2 EXPORT MESSAGES

→ Figure 36: Export form

Export to:
 Excel
CSV
☒ With message text

- To Excel - press the Excel button
- To CSV - press the CSV button

If you also wish to export message text, mark "With message text" checkbox.

5.2.3 REFRESH DATA

Click Refresh to get the most up-to-date information on your sent messages.

5.2.4 DETAILS SHOWN

→ Figure 37: SMS kog 48h list xample

External message id	Sent date	Sender	Recipient	Destination country	Destination network	SMS count	Status	Delivery report time	Message text
XXXXXXXXXXXXXXX	19.03.2013 15:27:49	XXXXXXXXXX	XXXXXXXXXX	Croatia	T-Mobile HR	1	Message sent		Your activation code is: ****

- Sending time - exact time when SMS was sent
- Sender ID - sender name
- Recipient - recipient name or number
- Destination country - details on the destination country name
- Destination Network - details on the destination network name
- Sent count - total number of SMS sent in job
- Status - gives information about current message status
- Delivery report time - time when the message was delivered

5.3 PROFESSIONAL SMS

➔ Figure 38: Professional SMS home screen

Messaging ▾Utilities & tools ▾Reseller ▾General ▾

Balance: -13.36 €ccup ▾

Professional SMSinfobipWORX

Professional SMS

Drafts (2)SMS log 48hSMS bulk list

Recipients

Total recipients: 0

Paste / Manual inputContactsGroups

FilterSelect: AllNone

First name	Last name	GSM
☐ Darko		385981779617
☐ Igor		385992576181
☐ Marijan		385997368586
☐ Sandra		38598388225
☐ Vesna		385989152886

No selected contacts

Sender

☒ AlphanumericBTile1

☐ Numeric60193357315▾

Message

Mapping: None▾Messages: 1/3Characters: 160Unicode

Insert placeholder: ▾

Message options

48h▾Validity period

☐ Flash SMS☐ Delivery speed limit☐ Scheduled job

Start jobSend Test SMSSave DraftReset

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The module for quick messaging to many recipients. This section is closely tied with Worx "Address Book contacts and groups".

5.3.1 PROFESSIONAL SMS

5.3.1.1 RECIPIENTS

The "Recipients panel" displays the full recipient list and all selected recipients.

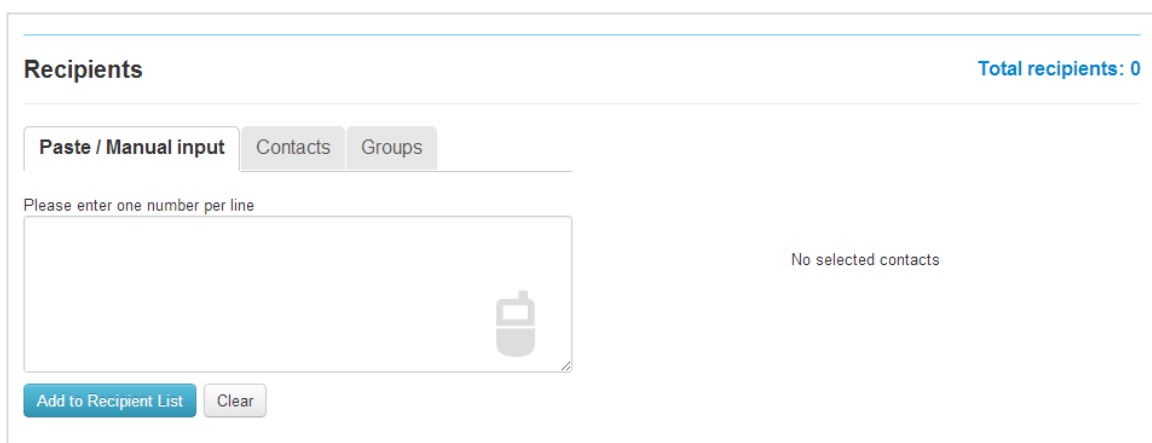
- Select recipients - recipients can be added manually or inserted from the address book (contacts and groups).
- Recipients list - displays the list of recipients that will receive the message.

5.3.1.1.1 ADD RECIPIENTS TO RECIPIENTS LIST

You can add recipients to the recipients list using the options provided below:

- Manual input - by entering the mobile number in the text field and confirming by clicking "Add to Recipient List". Make sure the numbers are each in a new line, one under the other.
- Contacts - by selecting contacts under the "Contacts" tab.
- Groups - add a whole contact group to the recipients list by selecting a group under the Groups tab.

→ Figure 39: Recipients section, paste / manual input option



→ Figure 40: Recipients section, Groups option

Recipients

Total recipients: 0

Paste / Manual input

Contacts

Groups

Filter

Select: [All](#) [None](#)

Name	Contact count
☐ 1353531328377.txt 1	0
☐ 1353531328377.txt 2	0
☐ 1353531727433.csv 1	0
☐ 1353531727433.csv 10	0
☐ 1353531727433.csv 11	0
☐ 1353531727433.csv 2	0
☐ 1353531727433.csv 3	0
☐ 1353531727433.csv 4	0
☐ 1353531727433.csv 5	0
☐ 1353531727433.csv 6	0

No selected contacts

◀ ▶

Page 1 of 3

5.3.1.2 SENDER

Professional SMS sender panel lets you choose between alphanumeric or registered numeric sender IDs.

- Alphanumeric sender ID - it can be entered manually and can contain both numbers and letters, but not only numbers.
- Numeric sender - you can select one of the registered and verified mobile numbers in the list. Numeric values are used to simulate actual international or national sender IDs.

Default sender ID is set up under Account > My Account menu, Account information panel

→ Figure 41: Sender section, Alphanumeric / Numeric sender option

Sender

☒ Alphanumeric

☐ Numeric

▼

Sender

☐ Alphanumeric

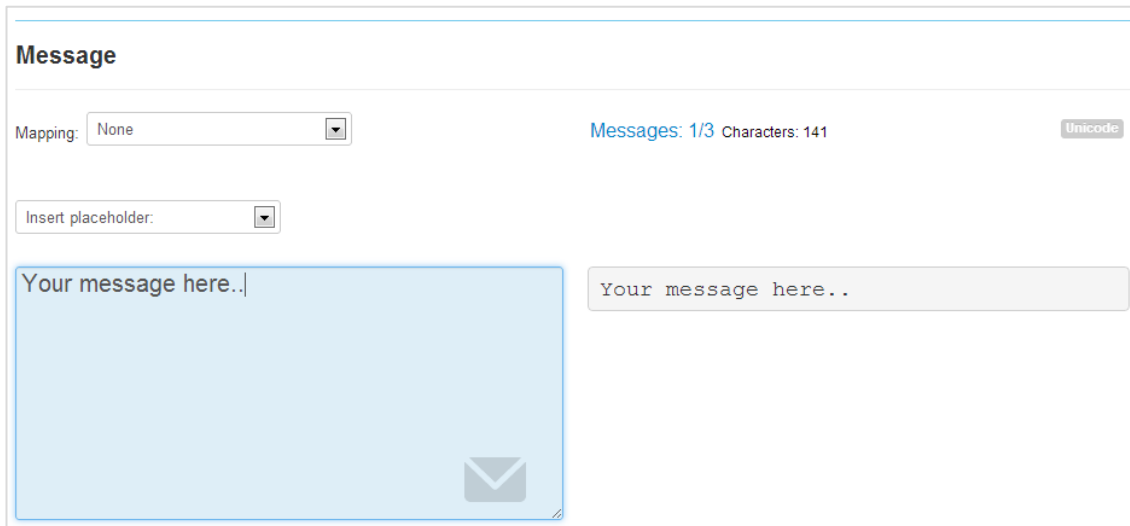
☒ Numeric

▼

Add New

5.3.1.3 MESSAGE

→ Figure 42: Message section



The “Message” section has a text box for entering messages.

Several important message-related details are displayed in the message panel.

There are 2 text boxes displaying message text. The left box is where you input your message text, the right one displays the preview of the actual text you will be sending. The preview is very useful when you are using the mapping option.

- Number of SMS messages - displays the current number of SMS messages per recipient and the maximum allowed number of messages per recipient.
- Characters left – displays the number of characters remaining in the current message. Total allowed number of characters per message is 160 or 459 if multipart message is used.

- Select mapping⁴ – If any symbol outside the GSM7 standard is used, the message will be sent in Unicode. Since Unicode messages have fewer characters per message, mapping is used to replace symbols outside the GSM7 standard to the GSM7 standard.

5.3.1.3.1 HOW TO USE MAPPING:

1. Write your message without restrictions
2. If any symbol outside the GSM7 standard is used, the message will be sent in Unicode format.
3. Select the mapping that suits your language to transform all special symbols from Unicode to the GSM7 standard.
4. A preview of mapped message is shown

If mapping is active, you will not be able to enter any symbol outside the GSM7 standard. If you need to enter other symbols, turn off transliteration. When done, turn it on again.

Long SMS (concatenated SMS⁵) is used to overcome the limitation on the number of characters in a single SMS message. Using this method, long messages are split into smaller messages by the sending device and recombined at the receiving end.

Each message is then billed separately.

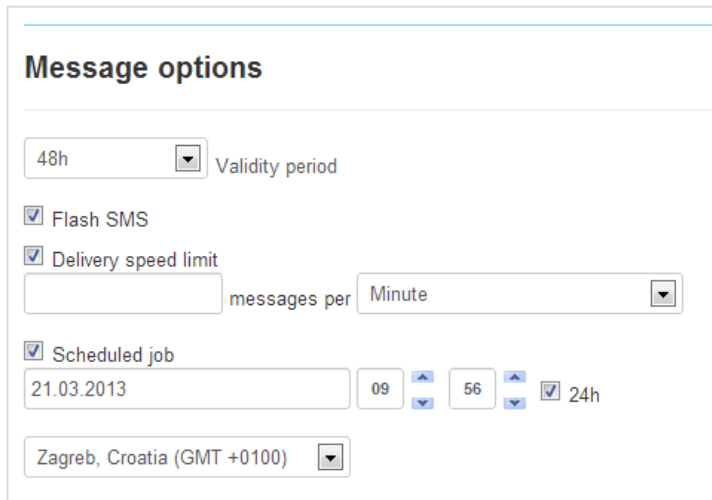
The maximum number of combined messages is 3.

⁴ In information theory, transliteration is a mapping from one system of writing into another, word by word, or ideally letter by letter. Transliteration attempts to use a one-to-one correspondence and be exact, so that an informed reader should be able to reconstruct the original spelling of unknown transliterated words. To achieve this objective, transliteration may define complex conventions for dealing with letters in a source script which do not correspond with letters in a goal script.

⁵ Mobile phones and mobile networks sometimes support concatenated short message service (or concatenated SMS) to overcome the limitation on the number of characters that can be sent in a single SMS text message transmission (which is usually 160). Using this method, long messages are split into smaller messages by the sending device and recombined at the receiving end. Each message is then billed separately. When the feature works properly, it is nearly transparent to the user, appearing as a single long text message.

5.3.1.4 MESSAGE OPTIONS

→ Figure 43: Message options section



5.3.1.4.1 VALIDITY PERIOD

By default, each message has a 48 hours expected delivery timeframe. The “Validity period” function allows this value to be shortened to the desired time period.

If needed, change the default validity of your message.

5.3.1.4.2 FLASH SMS

Flash SMS is a message that appears directly on the phone screen, instead of being routed to the inbox. It is a useful alternative to normal SMS when you want to capture the recipient’s attention immediately.

Select the checkbox if you want your message to be displayed as flash SMS.

5.3.1.4.3 SCHEDULE JOB

Messages can be sent immediately or scheduled for later sending at a specific time.

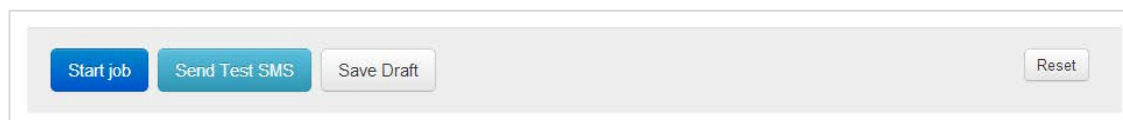
Scheduled messages can be found under SMS Bulk List.

5.3.1.4.4 DELIVERY SPEED LIMIT

You can limit sending speed if you wish the messages are sent at a slower rate.

5.3.1.5 ACTIONS

→ Figure 44: Professional SMS page actions



5.3.1.5.1 START JOB

Once you set your SMS job click “Start job” in order to start your SMS sending process.

5.3.1.5.2 SEND TEST SMS

Allows you to send a preview message to the number of your choice.

5.3.1.5.3 SAVE DRAFT

Saves a draft of the message for later editing and sending.

Draft messages are messages saved for later editing or sending.

These unfinished messages can easily be customised at any later point.

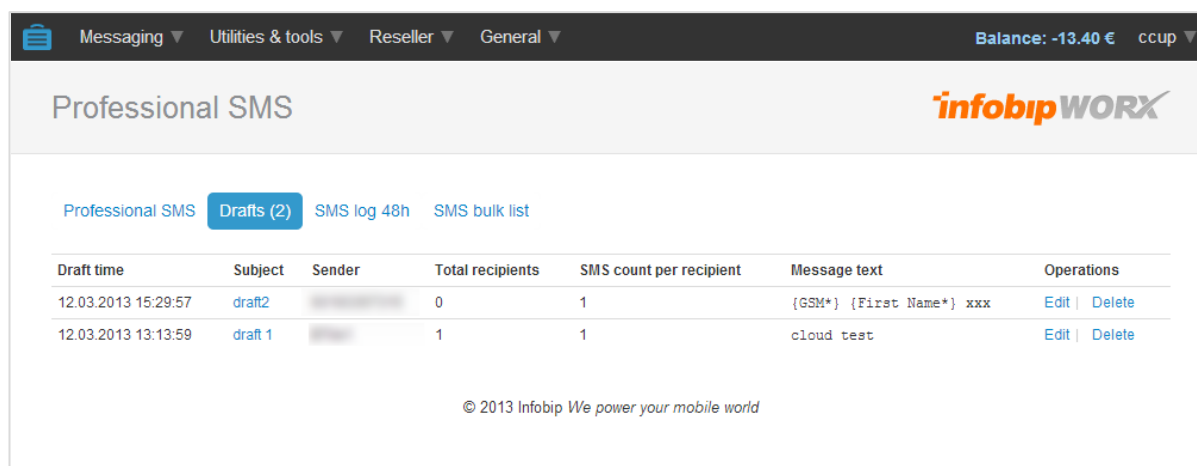
5.3.1.5.4 RESET

Use the button to reset the current job (can be undone by clicking Undo).

All messages saved as drafts are displayed under Drafts menu.

5.3.2 DRAFTS

→ Figure 45: Drafts screen



The Drafts table shows all draft messages with their relevant data.

- Draft time - date and time when the draft message was created.
- Subject - name of draft entered when saving the draft message. Clicking on the subject will allow you to edit the draft message.
- Sender ID - sender ID that will be displayed to recipients.
- Total recipients - total recipients count per draft job.
- SMS count per recipient – number of SMSs per recipient in a draft job.
- Message text – displays the body of the message.
- Operations - drafts can be either edited by clicking the “Edit” button or deleted using the “Delete” button.
- Draft messages can be saved only with Professional SMS.

5.3.3 SMS LOG 48H

→ Figure 46: SMS log 48h screen

Professional SMS

Professional SMS Drafts (2) **SMS log 48h** SMS bulk list

Messages sent in the last 48 hours

Recipient ☒ Pending ☒ Delivered ☒ Failed External message id

Export to: ☒ With message text

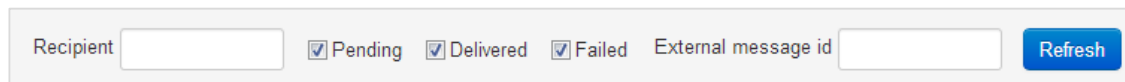
External message id	Sent date	Sender	Recipient	Destination country	Destination network	SMS count	Status	Delivery report time	Message text
	21.03.2013 09:30:28			Croatia	VIP-NET	1	Message sent and delivered	21.03.2013 09:30:39	αβγδεζηθικλμνξοπρστυφχψω
	21.03.2013 09:26:14			Croatia	VIP-NET	1	Message sent, not delivered		αβγδεζηθικλμνξοπρστυφχψω
	19.03.2013 15:27:49			Croatia	T-Mobile HR	1	Message sent		Your activation code is: ****

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SMS log 48h section gives you an overview of all your sent messages, as well as export options.

5.3.3.1 FILTER MESSAGES

→ Figure 47: SMS log 48h sent messages filter



- By recipient:

1. Enter recipient number
2. Press the Refresh button

- By status:

1. Select only desired checkbox for status you want to filter
2. Press Refresh button

- By External message Id:

1. Enter desired External message Id
2. Press the Refresh button

5.3.3.2 EXPORT MESSAGES

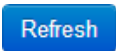
→ Figure 48: Export data to excel or CSV with or without message text



- To Excel - press the "Excel" button
- To CSV - press the "CSV" button

If you also wish to export message text, mark the "With message text" checkbox.

5.3.3.3 REFRESH DATA

Click  to get the most up-to-date information on your sent messages or to refresh data after toggling filter properties.

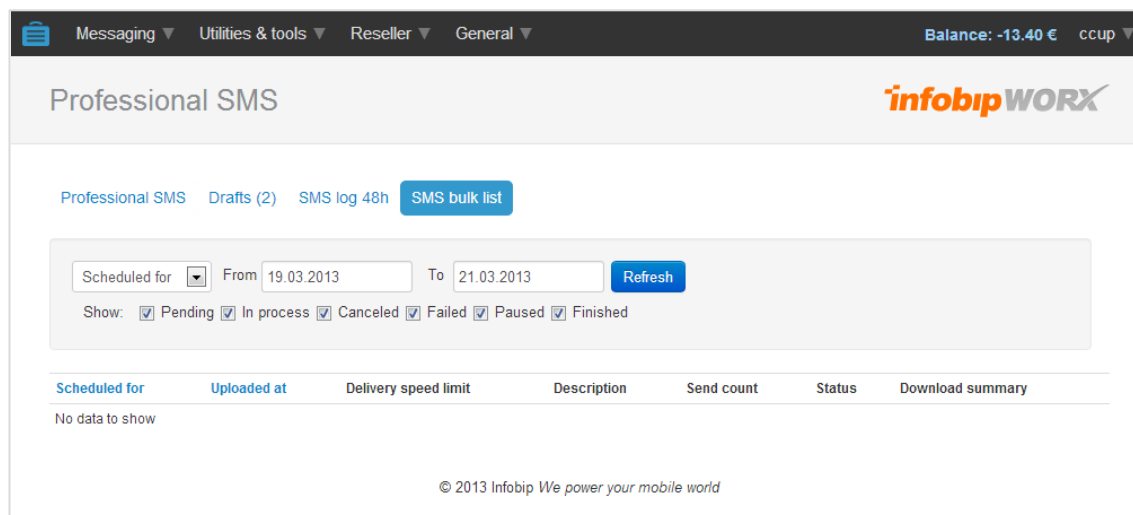
5.3.3.4 DETAILS SHOWN

- Sending time - exact time when an SMS was sent

- Sender ID - sender name
- Recipient - recipient name or number
- Destination country - details on the destination country name
- Destination Network - details on the destination network name
- Sent count - total number of SMS sent
- Status - gives information about message status
- Delivery report time - time when the message was delivered

5.3.4 SMS BULK LIST

→ Figure 49: SMS bulk list screen



This section displays the list of your Professional SMS performed jobs.

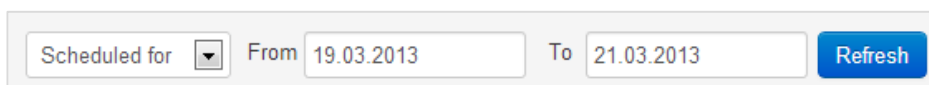
SMS bulk result list:

- Scheduled for - if a job has been scheduled for a specific time then this column will display the scheduled job time. If the job has been sent immediately then it will show the exact sending time
- Updated at - displays the time when the job has been uploaded to our system
- Delivery speed limit - max number of messages that will be sent per chosen time unit (Minute, Hour, Day)
- Description - default or user predefined Professional SMS job name. Click on the "Professional SMS job name" to open the SMS log 48h for the selected SMS job. If the selected job is older than 2 days you need to export it from the Report Centre inside the "Analytics" application.

- Send count - displays total SMS count of a job
- Status - sent job status. Can be one of the following: Scheduled, Paused, In process, Finished, Failed, Cancelled, Delayed
- Download summary - download Professional SMS job summary in excel or CSV formats. Also, depending on the bulk job status you can "Cancel", "Pause", and "Resume" a job, change schedule time and delivery speed.

5.3.4.1 FILTER BY DATE

→ Figure 50. Date filter



Filtering by date allows you to set a time frame for which you want to observe data.

1. Choose date criteria first – "Scheduled for" or "Uploaded at"
2. Select the start date from which you wish to review data
3. Select the end date to which your wish to review data
4. Click the Refresh button to display filtered data

The application assumes 00:00 (midnight) times: the 'to' date should be after the last day of sending you are interested in.

5.3.4.2 FILTER BY STATUS

Uncheck unwanted statuses and click  button.

5.4 FILE2SMS

File2SMS is a Worx tool designed to handle large customised SMS volumes (e.g. political messaging campaigns).

5.4.1 STEP 1 : UPLOAD A FILE

→ Figure 51: Upload a file containing GSM numbers to start the wizard.

File2SMS **infobip WORX**

File2SMS SMS bulk list

1 Upload a file 2 Create message 3 Process / Preview 4 Start Job 5 Report

Please select an Excel (up to 6 MB), .csv or .txt (up to 15 MB) file with GSM numbers

Choose File No file chosen

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In this step import your contact database by uploading a CSV, TXT or MS Excel document. Select recipient column and click next.

→ Figure 52: Worx will try to recognise the column containing recipients. Check if the right column is marked “Recipients” to proceed.

File2SMS **infobip WORX**

File2SMS SMS bulk list

1 Upload a file 2 Create message 3 Process / Preview 4 Start Job 5 Report

Please choose the recipient column. Showing only first 5 rows

Filename
C:\fakepath\Test-Group.xlsx

☐ Use first row as a header

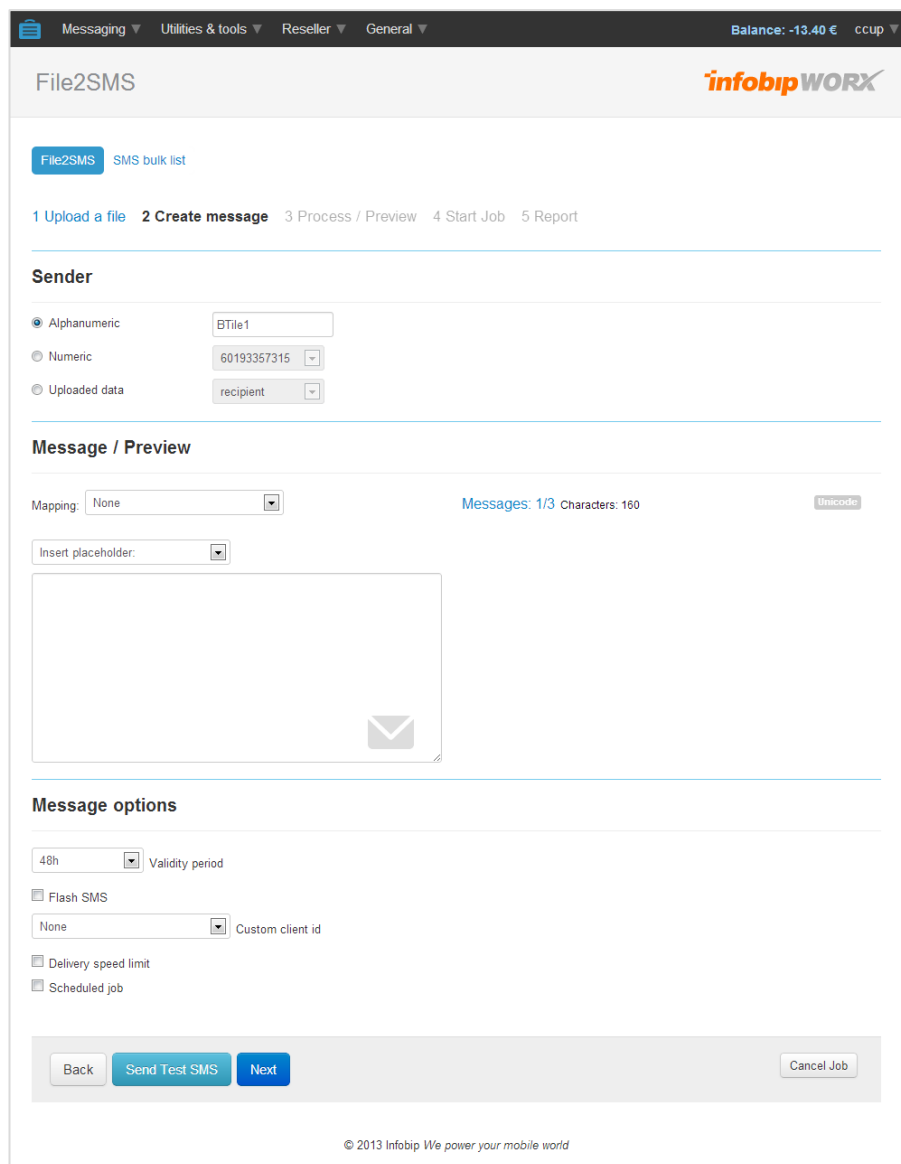
Recipient	Recipient	Recipient	Recipient	Recipient
385992576181	Igor	Blilic	Desinger	Column 5
385997368586	Marijan	Bojjar	Kako kada	
385981779617	Darko	Blažok	Broz	
38598388225	Sandra	Colnar	Zena	
385989152886	Vesna	Tadic	Penzioner	

Next Cancel Job

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5.4.2 STEP 2: CREATE MESSAGE

→ Figure 53: Create message step



The screenshot shows the 'File2SMS' interface in the 'infobip WORX' system. The top navigation bar includes 'Messaging', 'Utilities & tools', 'Reseller', and 'General'. The user's balance is shown as -13.40 € and the currency is set to GBP. The main header displays 'File2SMS' and the 'infobip WORX' logo. Below the header, there are two tabs: 'File2SMS' (active) and 'SMS bulk list'. A progress bar indicates the current step is '2 Create message', with other steps being '1 Upload a file', '3 Process / Preview', '4 Start Job', and '5 Report'.

The 'Sender' section contains three radio buttons: 'Alphanumeric' (selected), 'Numeric', and 'Uploaded data'. The 'Alphanumeric' option has a text input field containing 'BTitle1'. The 'Numeric' option has a dropdown menu showing '60193357315'. The 'Uploaded data' option has a dropdown menu showing 'recipient'.

The 'Message / Preview' section includes a 'Mapping' dropdown set to 'None', a status indicator 'Messages: 1/3 Characters: 160', and a 'Unicode' button. Below this is an 'Insert placeholder' dropdown and a large text area for the message content, which currently contains a placeholder icon of an envelope.

The 'Message options' section features a 'Validity period' dropdown set to '48h', a 'Flash SMS' checkbox, a 'Custom client id' dropdown set to 'None', and checkboxes for 'Delivery speed limit' and 'Scheduled job'.

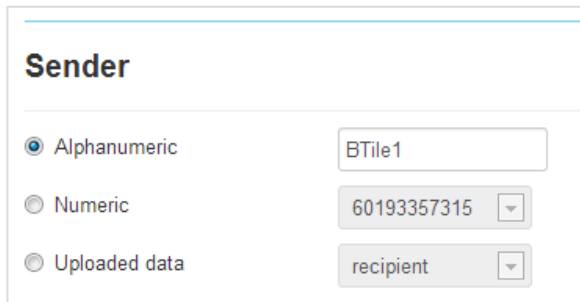
At the bottom, there are four buttons: 'Back', 'Send Test SMS', 'Next', and 'Cancel Job'. The footer of the interface displays the copyright notice '© 2013 Infobip We power your mobile world'.

This area has the following important sections:

- Sender
- Message/Preview
- Message options.

5.4.2.1 SENDER

→ Figure 54: Choose a desired sender type



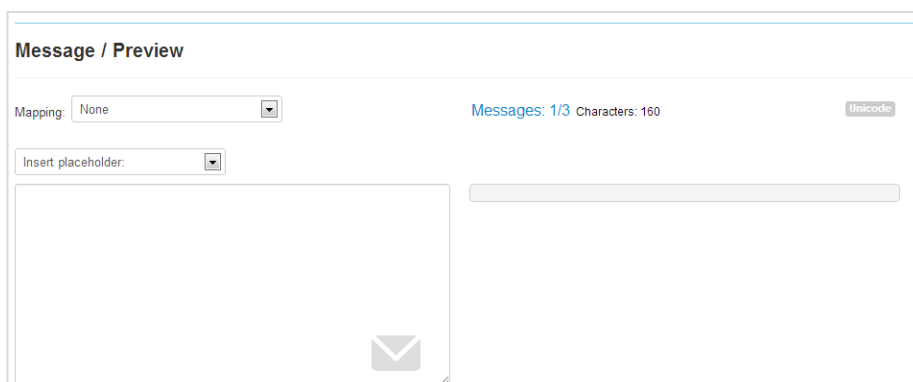
The “File2SMS” sender panel lets you choose between alphanumeric, registered numeric sender IDs or uploaded data.

- **Alphanumeric sender**
Letters and numbers are both an option for this type of sender.
Can be changed as needed.
Alphanumeric sender ID can be entered manually and can contain both numbers and letters, but not only numbers.
- **Numeric sender**
You can select one of the registered and verified mobile numbers on the list.
Numeric values are used to simulate actual international or national sender IDs.
- **Uploaded data**
Allows you to select a column from your uploaded document and use it as a sender. This way, you can customise the sender for each recipient.

Default sender ID is set up under Account > My Account menu, Account information panel

5.4.2.2 MESSAGE/PREVIEW

→ Figure 55: Message / preview section



The “Message” section has a text box (marked with an envelope) for entering your message.

Several important message-related details are displayed on the message panel.

- **Number of SMS messages**
Displays the current number of SMS messages per recipient and the maximum allowed number of messages per recipient.
- **Characters left**
Displays remaining characters in the current message.
Total allowed number of characters per message is 160 (459 if multipart message is used).
- **Select mapping⁶**
If any symbol outside the GSM7 standard is used, the message will be sent in Unicode.
Since Unicode messages allow fewer characters per message, mapping is used to replace symbols outside the GSM7 standard to the GSM7 standard.
- **Insert placeholder**
Use this option to personalise each of your messages. Use your database columns as data values.

5.4.2.2.1 HOW TO USE MAPPING:

1. Write your message without restrictions
2. If any symbol outside the GSM7 standard is used, the message will be sent in Unicode format.
3. Select the mapping that suits your language to transform all special symbols from Unicode to the GSM7 standard.
4. A preview of mapped message is shown
5. If any mapping is active, you will not be able to enter any symbol outside the GSM7 standard.
If you need to enter other symbols, turn off transliteration. When done, turn it on again.

5.4.2.2.2 HOW TO USE PLACEHOLDERS:

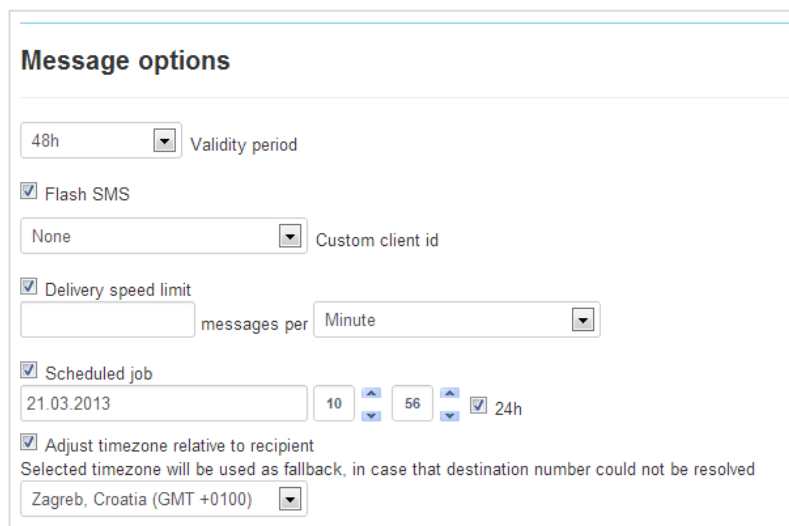
1. Write your message
2. Insert a placeholder when you need to add a different value for each contact

⁶ In information theory, transliteration is a mapping from one system of writing into another, word by word, or ideally letter by letter. Transliteration attempts to use a one-to-one correspondence and be exact, so that an informed reader should be able to reconstruct the original spelling of unknown transliterated words. To achieve this objective, transliteration may define complex conventions for dealing with letters in a source script which do not correspond with letters in a goal script.

3. Use the "Send test" button to send a test message to a custom GSM number.

5.4.2.3 MESSAGE OPTIONS

→ Figure 56 Message options sections

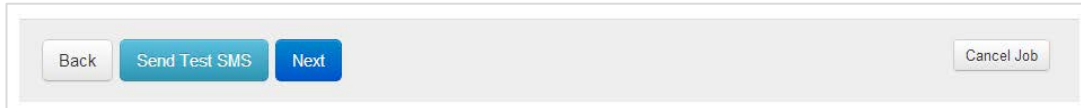


Several message options are available:

- **Flash SMS**
Is a message that appears directly on the phone screen, instead of being routed to the inbox. It is a useful alternative to normal SMS when you want to capture the recipient's attention immediately.
Select the checkbox if you want your message to be displayed as flash SMS.
- **Validity period**
By default, each message by default has a 48 hour expected delivery timeframe. The "Validity period" function allows this value to be shortened to the desired time period.
If needed, change the default validity of your message.
- **Scheduled job**
Messages can be sent immediately or scheduled for later sending.
Scheduled messages can be found under SMS Manager -> Scheduled messages
A flash SMS appears directly on the phone screen, instead of being routed to the inbox.
It is a useful alternative to normal SMS when you want to capture the recipient's attention immediately.
By default, each message has a 48 hour expected delivery timeframe. The "Validity period" function allows this value to be shortened to the desired time period.
- **Delivery speed limit**
You can limit sending speed if you wish the messages are sent at a slower rate.
- **Custom client Id**
Select column from uploaded file and data in that column will be saved with each sent message. You can then request report in Analytics Report Centre and report will contain this custom data.

5.4.2.4 ACTIONS

→ Figure 57: Page actions



- **Back**
Returns you to the previous step
- **Send test SMS**
Allows you to send a test message to a number of your choice. This is very useful for testing and verifying the actual message your recipients will receive once the job is started.
- **Next**
This action is used to proceed to next step (Process/Preview) and continue with the wizard.
- **Cancel job**
Use the "Cancel job" button to reset the current job. A confirmation dialog will appear. Confirming this action resets all changes made up to this point.

5.4.3 STEP 3: PROCESS/PREVIEW

→ Figure 58: Process / preview step

File2SMS **infobip**WORX

File2SMS SMS bulk list

1 Upload a file 2 Create message 3 **Process / Preview** 4 Start Job 5 Report

Summary

Total records processed: **5** Valid records: **5**

Message preview (showing only first 3 records)

Message text	Sender	Characters	SMS	Unicode
This is a test message	BTile1	22	1	—
This is a test message	BTile1	22	1	—
This is a test message	BTile1	22	1	—

Save job as

C:\fakepath\Test-Group.xlsx 21.03.21 File2SMS job name (optional):

Back Next Cancel Job

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This step displays preliminary message statuses and provides the option to name the current File2SMS job.

The “Summary section” displays numbers of total records processed, followed by invalid records, duplicate records and valid records (if any).

Message preview section displays the first three valid records for verification purpose. This is very useful if you use placeholder data in your message since the list previews the actual records inserted from respective uploaded data file columns. The list contains message text, sender, characters, and number of SMS per recipient. The last column specifies if your messages uses Unicode encoding. Unicode messages are longer than standard GSM7 encoded messages; this occurs if you use non-standard characters in your messages. If the message is Unicode encoded, it will be marked with a green checkmark, otherwise (for GSM7 encoding) it is marked with a red dash.

The last section provides a field to add a name to your current File2SMS job for easier referencing in the SMS bulk list and / or reports. This field is not mandatory – you can continue with the next step without adding a specific job name – an default name will be added instead.

5.4.4 STEP 4: START JOB

- Figure 59: Start job step. Pressing the **Start job** button in this step triggers the start of the actual job. You can use the **Back** button on all steps prior to this one in case you entered some data incorrectly or you wish to modify other bulk parameters.

File2SMS **infobipWORX**

File2SMS SMS bulk list

1 Upload a file 2 Create message 3 Process / Preview 4 **Start Job** 5 Report

SMS count summary

Number of messages	Total SMS	Total price in EUR
5	5	0.10 EUR

[C:\fakepath\Test-Group.xlsx 21.03.2013 12:50:33]

Country	Network	Price per SMS in EUR	Total recipients	SMS count
Croatia	T-Mobile HR	0.02 EUR	5	5

Back Start job Cancel Job

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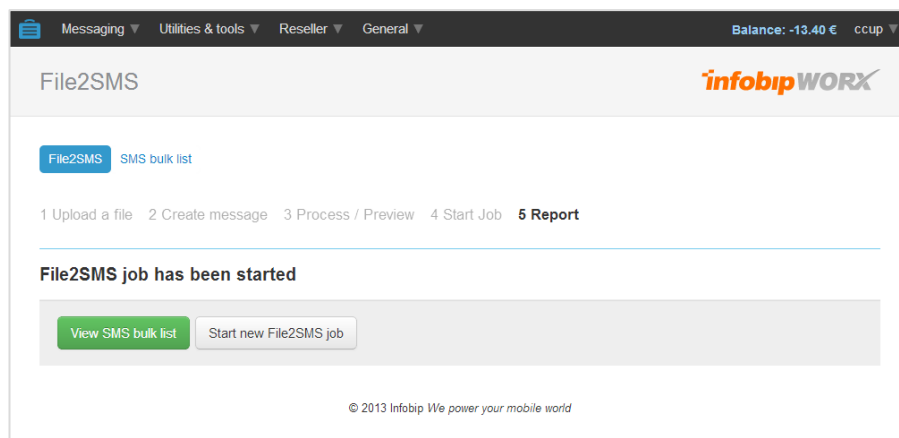
Here you can view a detailed job summary before proceeding with the File2SMS job. Summaries are available for messages with the same character set, separately displaying details for “Country”, “Network”, “Price per message”, “Total recipients, and SMS count”.

File2SMS job summary displays overall message volumes to be sent and total job price.

When creating a scheduled job, detailed information about sending time and location is displayed.

5.4.5 STEP 5: REPORT

→ Figure 60: Report step

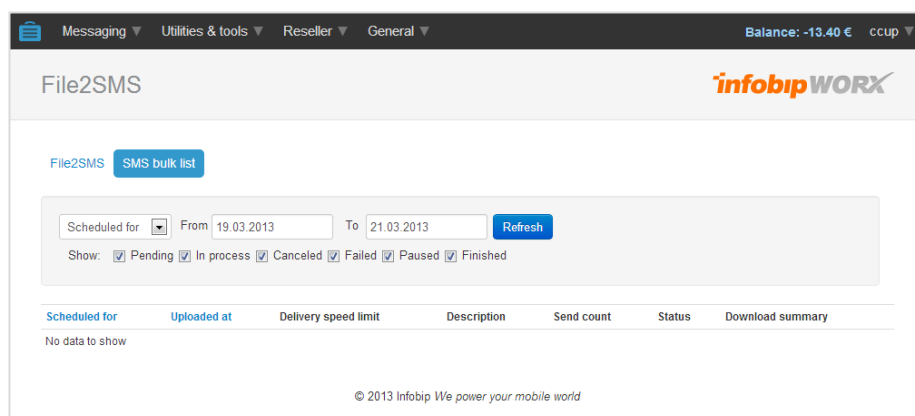


Once started, the job is displayed in the SMS bulk list page. You can either navigate to SMS bulk list to verify the job progress or start a new File2SMS job

Scheduled File2SMS jobs can also be found in the SMS Bulk List.

5.4.6 SMS BULK LIST

→ Figure 61: SMS bulk list page



This section displays the list of your File2SMS performed jobs.

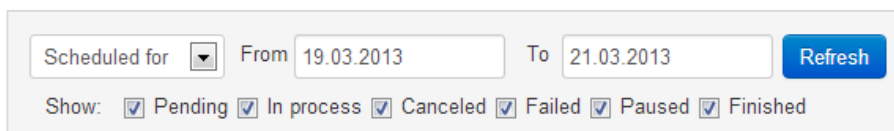
SMS bulk result list – the list below the date and message status filters:

- Scheduled for - if a job has been scheduled for a specific time then this column will display the scheduled job time. If the job has been sent immediately then it will show the exact sending time.

- Updated at - displays the time when a job has been uploaded to our system
- Delivery speed limit - max number of messages that will be sent per chosen time unit (Minute, Hour, Day)
- Description - default or user predefined Professional SMS job name. Click on Professional SMS job name open SMS log 48h just for the selected SMS job. If the selected job is older than 2 days you need to export it from the Report Centre inside the "Analytics" application.
- Send count - displays total SMS count for a specific job
- Status - sent job status. Can be one of the following: Scheduled, Paused, In process, Finished, Failed, Cancelled, Delayed
- Download summary - download Professional SMS job summary in excel or CSV formats. Also, depending on bulk job status you can "Cancel", "Pause" and "Resume" a job, change schedule time and delivery speed.

5.4.6.1 FILTER BY DATE

→ Figure 62: SMS bulk list filter.



Filtering by date allows you to set a time frame for which you want to examine data. You can also toggle various message statuses below to filter data only to very specific parameters. Please note that any changes to filter properties, being either date/time or message status-related, require the [Refresh](#) button to be clicked in order to display the filtered data.

5.4.6.1.1 HOW TO FILTER DATA

1. First select type of date reference – either the period the job is "scheduled for" or is "uploaded at".
2. Select the start date from which you wish to review data
3. Select the end date until which you wish to review data
4. Click the [Refresh](#) button to display filtered data

The application assumes 00:00 (midnight) time: the 'to' date should be after the last day of sending you are interested in.

6 UTILITIES & TOOLS

6.1 ADDRESS BOOK

6.1.1 MANAGE CONTACTS

→ Figure 63: Manage contacts page

Address Book

Manage contacts Import contacts Manage groups

Criteria: Filter New Delete all

Export to: Excel CSV

First name	Last name	Email	GSM	Operations
Darko				Operations ▼
Igor				Operations ▼
Marijan				Operations ▼
Sandra				Operations ▼
Vesna				Operations ▼

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The Manage contacts toolbar lets you search for contacts saved in your address book, as well as add, delete all and export contacts.

6.1.1.1 FINDING CONTACTS

→ Figure 64: Filter the contact data to

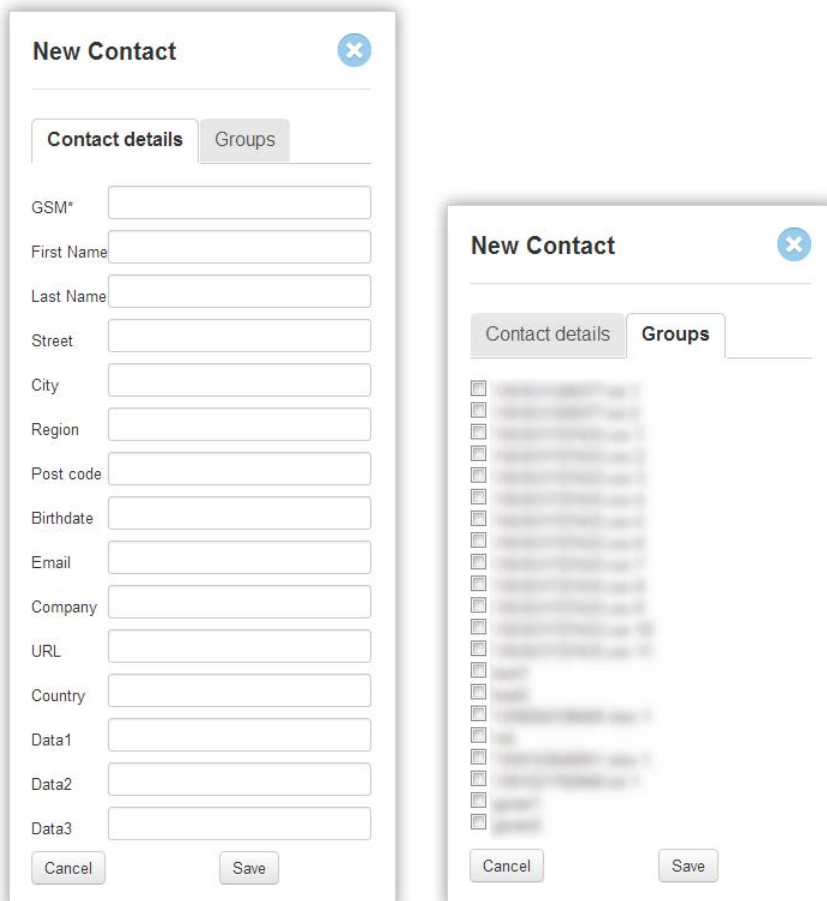
Criteria: Filter

1. Enter name or first letter in the "Criteria" text box and click "Filter". You can use any of the 4 column records displayed in the contact list below – First name, Last name, Email and GSM – as search criteria.
2. Search results will be displayed below.

To reset the filter and view the list of all contacts, delete the value from the "Criteria" input field and click "Filter".

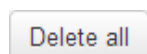
6.1.1.2 ADDING CONTACTS

1. Click . New Contact window opens, with fields for different contact details. Obligatory fields are highlighted yellow.
 2. Click "Save" to add new contact, or "Cancel" to dismiss.
- Figure 65: New contact popup. The popup window consists of two tabs. The first one - "Contact details" - provides a list of fields that can be associated with a user and used as placeholder text or number later when composing a message. The GSM and First name fields (the first two fields in the tab) are mandatory. The second tab - "Groups" - enables you to associate a user with one or more groups for easier sending to a specific list of recipients later. Click the "Save" button at the bottom of the dialog to keep changes or click "Cancel" button to discard all the changed data.



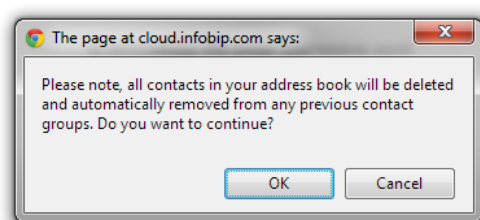
6.1.1.3 DELETING ALL CONTACTS

- Figure 66: The “Delete all” button the last button at the left hand side of the toolbar.



The “Delete all” button deletes all contacts in system. After clicking the button a confirmation dialog will appear. Click “Yes” to complete delete or “Cancel” to abort this action.

- Figure 67: Delete confirmation dialog.



6.1.1.4 EXPORTING CONTACTS

- Figure 68: The export buttons located at the right hand side of the toolbar.



To export contacts, click Excel or CSV to export in those formats.

6.1.1.5 CONTACTS LIST

- Figure 69: A contact list grid with one example row. Use the Operations dropdown menu to either edit contact details or to remove the contact from the list.

First name	Last name	Email	GSM	Operations
Darko				Operations ▼

The contacts list is displayed below the toolbar, with only the most important contact details.

The list displays 10 contacts per page. To navigate between pages, use the arrows below.

The “Operations” section at the far right of the toolbar gives you editing and deleting options for a single contact.

6.1.1.6 EDIT CONTACTS

→ Figure 70: Edit contact from contact list grid.

First name	Last name	Email	GSM	Operations
Sandra	Bullocksill	sandra.b@gmail.com		Operations ▼ Edit Delete

1. Opens the "Contact" editing window. This can be achieved either by clicking the name of the contact on the left hand side of the contact list grid or by clicking Edit link on Operations dropdown menu at the right hand side of the grid.
2. After changing the details, click "Save" or click "Cancel" to dismiss editing.
3. The same window opens if you click the contact name.

6.1.1.7 DELETE

Permanently deletes the contact. The link is available from "Operations" menu on the right hand side of the contact list grid (See Figure 70 for example; the "Delete" action is also available in the "Operations" dropdown menu).

6.1.2 MANAGE GROUPS

→ Figure 71: Mange groups page

Address Book **infobip WORX**

Manage contacts Import contacts **Manage groups**

Criteria: Filter **Add new group** Delete all

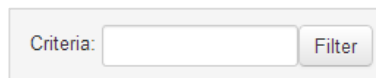
Name	Contacts count	Operations
1353531328377.bt 1	0	Operations ▼
1353531328377.bt 2	0	Operations ▼
1353531727433.csv 1	0	Operations ▼
1353531727433.csv 10	0	Operations ▼
1353531727433.csv 11	0	Operations ▼
1353531727433.csv 2	0	Operations ▼
1353531727433.csv 3	0	Operations ▼
1353531727433.csv 4	0	Operations ▼
1353531727433.csv 5	0	Operations ▼
1353531727433.csv 6	0	Operations ▼

Page 1 of 3

The "Manage groups" toolbar lets you search for contacts saved in your address book, as well as add new contact groups.

6.1.2.1 FINDING GROUPS

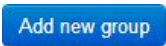
- Figure 72: Criteria filter. Clear the input and click filter again if you want to remove the filter and view all data.



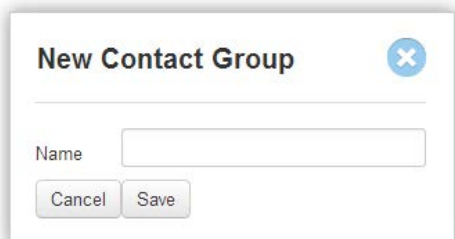
A UI element for filtering contact groups. It consists of a label "Criteria:" followed by a text input field and a "Filter" button.

1. Enter the name or first letter in the "Criteria" text box and click "Filter".
2. Search results will be displayed below.

6.1.2.2 ADDING GROUPS

1. Click . The New group window opens.
2. Enter group name.
3. Click "Save", or "Cancel" to dismiss.

- Figure 73: New Group dialog.



A dialog box titled "New Contact Group" with a close button (X) in the top right corner. It contains a "Name" label and a text input field. At the bottom, there are "Cancel" and "Save" buttons.

6.1.2.3 GROUPS LIST

→ Figure 74: Groups list contains group names, number of respective contacts and dropdown operations menu for each group.

Name	Contacts count	Operations
1353531328377.txt 1	0	Operations ▼
1353531328377.txt 2	0	Operations ▼
1353531727433.csv 1	0	Operations ▼
1353531727433.csv 10	0	Operations ▼
1353531727433.csv 11	0	Operations ▼
1353531727433.csv 2	0	Operations ▼
1353531727433.csv 3	0	Operations ▼
1353531727433.csv 4	0	Operations ▼
1353531727433.csv 5	0	Operations ▼
1353531727433.csv 6	0	Operations ▼

The groups list is displayed below the toolbar, displaying the number of contacts in each group.

The “Operations” section at the far right of the toolbar gives you various editing options for a single group.

The list displays 10 groups per page. To navigate between pages, click the arrows below.

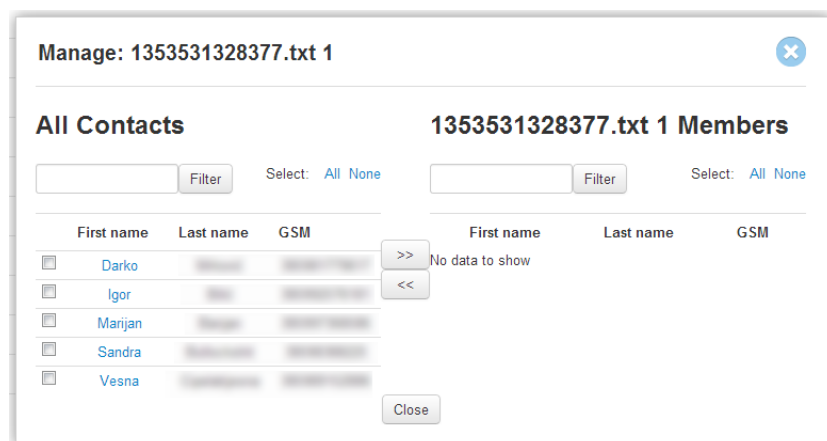
→ Figure 75: Group list with the “Operations” dropdown menu open for a group.

Name	Contacts count	Operations
1353531328377.txt 1	0	Operations ▼
1353531328377.txt 2	0	Contacts
1353531727433.csv 1	0	Import
1353531727433.csv 10	0	Excel
1353531727433.csv 11	0	CSV
		Rename
		Delete

6.1.2.4 ADD A CONTACT TO A GROUP

1. To add a contact to a group, click “Contacts”.
2. The same window is displayed if you click the name of a group.

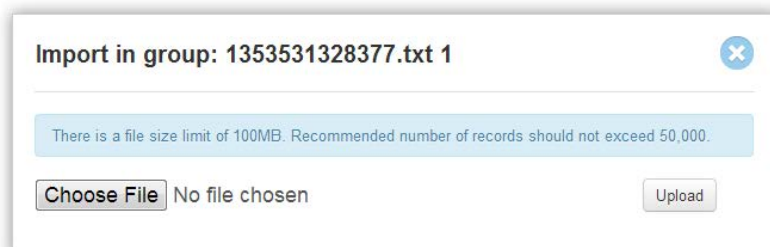
- Figure 76: Manage group popup. The left list contains all the contacts available in the “Address Book”. The right list is a list of contacts of the group you are currently modifying.



6.1.2.5 IMPORT CONTACTS TO GROUP

Click “Import” to browse for Excel, CSV or TXT files and upload contacts to a group.

- Figure 77: Import in group popup



6.1.2.6 EXPORTING GROUP CONTACTS

Click Excel or CSV from the “Operations” menu to download in those formats. See Figure 75 for Excel and CSV links in the aforementioned menu.

6.1.2.7 RENAME GROUP

Click on the “Rename” button allows you change group name.

→ Figure 78: Rename group popup

Edit contact group: 1353531328377.txt 1

Name: 1353531328377.txt 1

6.1.2.8 DELETING A GROUP

The “Delete” button permanently deletes a group. See Figure 75 additional “Delete” button information.

6.1.2.9 MANAGE GROUP CONTACTS

→ Figure 79: Managing a group

Manage: 1353531328377.txt 1

All Contacts

Select: [All](#) [None](#)

	First name	Last name	GSM
☐	Darko		
☐	Igor		
☐	Marijan		
☐	Sandra		
☐	Vesna		

1353531328377.txt 1 Members

Select: [All](#) [None](#)

No data to show

6.1.2.9.1 ADDING CONTACTS TO GROUPS

1. Click “Contacts” or group name. A new screen appears.
2. Select contact(s) you wish to enter in a group from the “Contacts” column and click the arrows pointing left. Contact(s) will appear in the “Group contacts” column.

Note that the selected contacts no longer appear in the “Contacts column” to prevent you from accidentally adding them twice. This does not delete the selected contact(s).

6.1.2.9.2 REMOVING CONTACTS FROM GROUPS

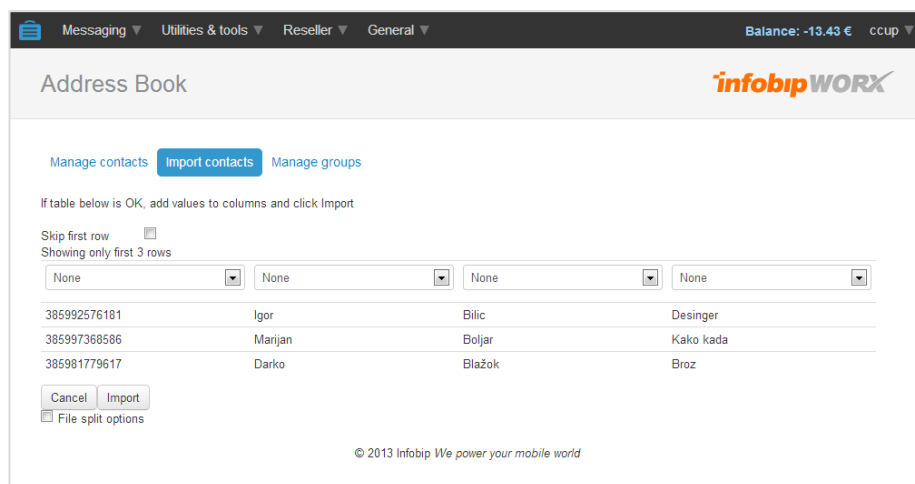
1. Check contact(s) you wish to remove from the group in the “Group contacts” column.
2. Click the arrows pointing right and the contacts will appear in the “Contacts” column.

3. Click "Close" to return to the "Manage groups" page.

*Note that only existing contacts from your address book can be added to a group.

6.1.3 IMPORT CONTACTS

→ Figure 80: Import contacts page



Address Book **infobip WORX**

Manage contacts **Import contacts** Manage groups

If table below is OK, add values to columns and click Import

Skip first row ☐
Showing only first 3 rows

None	None	None	None
385992576181	Igor	Blisc	Desinger
385997368586	Marijan	Boljar	Kako kada
385981779617	Darko	Blažok	Broz

Cancel Import

☐ File split options

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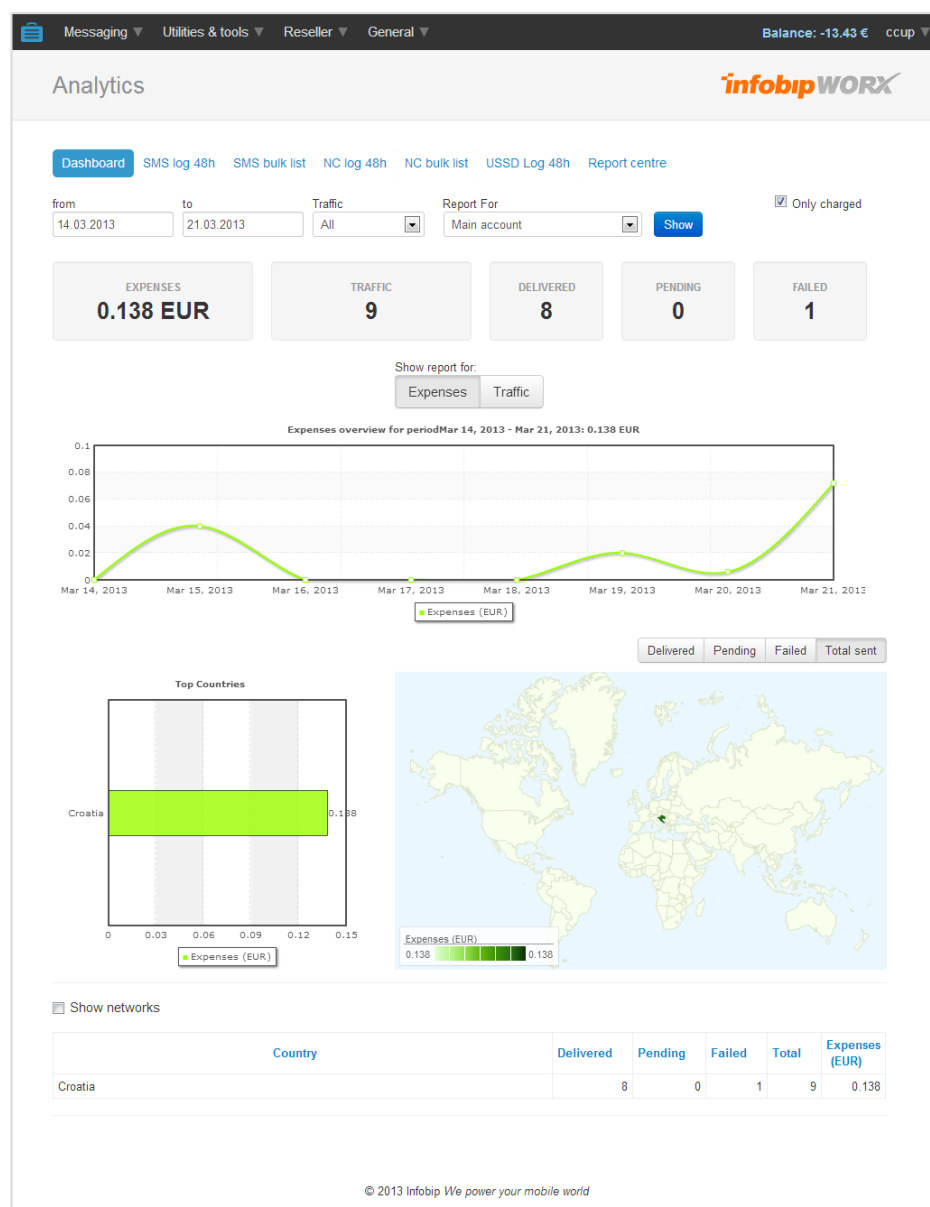
You can also import multiple contacts from a file. Supported formats are TXT, Excel or CSV files.

1. Click Import to browse for the file.
2. Click Upload to proceed.
3. System will automatically try to detect uploaded file encoding and delimiter. You can change this manually.
4. In the table map each column is set with predefined column names.
5. Optionally, you can use "File Split" options to split uploaded data into smaller groups by manually defining number of records per file. You can also ask the system to split data into set number of groups or split into even groups with set record number.

6.2 ANALYTICS

6.2.1 DASHBOARD

→ Figure 81: Dashboard page



The “Dashboard” displays a detailed overview of your traffic, expenses and delivery rate. It provides options for filtering your traffic and displaying the results graphically.

6.2.1.1 DATA FILTER

→ Figure 82: Data filters with highlighted statistics of traffic and expenses

from 14.03.2013 to 21.03.2013 Traffic All Report For Main account ☒ Only charged **Show**

EXPENSES	TRAFFIC	DELIVERED	PENDING	FAILED
0.138 EUR	9	8	0	1

Show report for: Expenses Traffic

Data can be filtered by using several options:

- By date
- By service type (SMS, HLR or All)
- By traffic or expenses

→ Figure 83: Date range and service type filter. Click the **Show** button to display data set in the filter fields, including the “Only charged” checkbox.

from 14.03.2013 to 21.03.2013 Traffic All Report For Main account ☒ Only charged **Show**

6.2.1.1.1 FILTER BY DATE

Filtering by date allows you to set a time frame for which you want to examine data.

How it works:

1. Select the start date from which you wish data to be displayed
2. Select the end date to which you wish data to be displayed
3. Click the Show button to display filtered data

The application assumes 00:00 (midnight) time: the 'to' date should be after the last day of sending you are interested in.

6.2.1.1.2 FILTER BY SERVICE TYPE

To provide you with even more insight on your traffic and costs, you can filter messages by service type.

- “Messages” shows only sent SMS messages.
- “HLR” shows only HLR queries.
- “All” will display both, sent SMS and HLR queries.

6.2.1.1.3 FILTER BY TRAFFIC OR EXPENSES

- Figure 84: Expenses / traffic filter. This option works independently from the filter in Figure 83 and switches between respective views with the data already shown.

Show report for:

Expenses Traffic

- Traffic shows how many messages you have sent to a specific location. It can be further filtered to show all traffic or only delivered, sent, or failed messages. It clearly shows which countries and networks you have the largest traffic volume towards.
- Expenses will show your expenses per top destinations. This will allow you to fine tune your prices and lower your costs.

Filtering traffic only by date and type requires clicking the “Show” button to display results.

All other filtering options will display filtered data when selected.

6.2.1.2 DASHBOARD NETWORKS OVERVIEW

- Figure 85: Networks overview

☒ Show networks

Country	Delivered	Pending	Failed	Total	Expenses (EUR)
Croatia	8	0	1	9	0.138
Invalid destination	0	0	1	1	0.000

The secondary toolbar on the dashboard is used to display your top destinations and give you quick information about your expenses and traffic.

6.2.1.2.1 TOOLBAR OPTIONS

Several options are visible on the toolbar:

- Show networks checkbox
- Traffic information

6.2.1.2.2 SHOW NETWORKS

→ Figure 86: Example overview of networks when the Show networks checkbox is checked.

☒ Show networks						
Country	Network	Delivered	Pending	Failed	Total	Expenses (EUR)
Croatia	T-Mobile HR	6	0	0	6	0.078
Croatia	VIP-NET	2	0	1	3	0.060
Invalid destination	Invalid network	0	0	1	1	0.000

If checked, the “Show networks” checkbox will display traffic in the selected country by networks.

If unchecked, you will obtain information about selected country traffic that won’t be extended for all networks in that country.

6.2.1.2.3 TRAFFIC INFORMATION

→ Figure 87: Traffic information is displayed depending on selected options – Traffic or Expenses



Displays your traffic information.

- Expenses
- Traffic
- Delivered messages
- Pending messages
- Failed messages

6.2.2 SMS LOG 48H

→ Figure 88: SMS log 48h page with filter and export toolbar and list of sent messages below

Analytics

Dashboard **SMS log 48h** SMS bulk list NC log 48h NC bulk list USSD Log 48h Report centre

Messages sent in the last 48 hours

Recipient ☒ Pending ☒ Delivered ☒ Failed External message id **Refresh**

Export to: ☒ With message text

External message id	Sent date	Sender	Recipient	Destination country	Destination network	SMS count	Status	Delivery report time	Message text
	21.03.2013 15:30:00			Croatia	T-Mobile HR	1	Message sent and delivered	21.03.2013 15:30:06	
	21.03.2013 09:30:28			Croatia	VIP-NET	1	Message sent and delivered	21.03.2013 09:30:39	
	21.03.2013 09:26:14			Croatia	VIP-NET	1	Message sent, not delivered		

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SMS log 48h section gives you an overview of all your sent messages, as well as export options.

6.2.2.1 FILTER MESSAGES

→ Figure 89: SMS log 48h filter displaying recipient filter field, message status checkboxes and external message ID field

Recipient ☒ Pending ☒ Delivered ☒ Failed External message id **Refresh**

- By recipient:

1. Enter recipient number
2. Press Refresh button

- By status:

1. Select only desired checkbox for statuses you want to filter
2. Press the Refresh button

- By External message ID:

1. Enter desired External message ID
2. Press the Refresh button

6.2.2.2 EXPORT MESSAGES

→ Figure 90: Export buttons and 'With message text' checkbox

Export to: Excel CSV ☒ With message text

- To Excel - press the Excel button
- To CSV - press the CSV button

If you wish to export message text as well, mark the "With message text" checkbox.

6.2.2.3 REFRESH DATA

Click Refresh to get the most up-to-date information on your sent messages.

6.2.2.4 DETAILS SHOWN

→ Figure 91: Sent messages list with detailed data overview for each message sent.

External message id	Sent date	Sender	Recipient	Destination country	Destination network	SMS count	Status	Delivery report time	Message text
	21.03.2013 15:30:00			Croatia	T-Mobile HR	1	Message sent and delivered	21.03.2013 15:30:06	
	21.03.2013 09:30:28			Croatia	VIP-NET	1	Message sent and delivered	21.03.2013 09:30:39	
	21.03.2013 09:26:14			Croatia	VIP-NET	1	Message sent, not delivered		

- Sending time - exact time when an SMS was sent
- Sender ID - sender name
- Recipient - recipient name or number
- Destination country - details on the destination country name
- Destination Network - details on the destination network name

- Sent count - total number of SMS sent in a job
- Status - gives information about message status
- Delivery report time - time when the message was delivered

6.2.3 NC LOG 48H

→ Figure 92: Number Context log 48h page with recipient filter and export actions and the list of performed lookups below

Recipient	Time sent	Error code	Permanent error	IMSI	Serving MSC
385995202002	21.03.2013 14:16:36.460	NO_ERROR	No	219014100212231	3859804****
385997368586	21.03.2013 11:00:14.537	NO_ERROR	No	219019901216434	3859804****
385995202002	20.03.2013 18:13:45.610	NO_ERROR	No	219014100142345	3859804****

This section displays real-time results of all your Number Context Home Location Register lookup is a lookup into central database that contains details of each mobile phone subscriber that is authorised to use the GSM core network. It displays lookups performed in the last 48 hours.

In the default view, the toolbar displays only the "Refresh" button, which you can use to get the most up-to-date information on your performed Number Context Lookups.

Information shown is dependent on your Number Context packet.

6.2.3.1 EXPORT DATA

→ Figure 93: Export buttons

Export options to Excel or CSV file.

6.2.3.2 FILTER BY RECIPIENT

→ Figure 94: Recipient filter

Recipient

Use the recipient filter to display specific lookups. Enter a part of a destination number or the whole number in the field and press "Refresh" to display filtered data. To clear filter, remove the entry from the field and press Refresh again.

6.2.4 USSD LOG 48H

→ Figure 95: USSD log 48h page with filter and export toolbar and the list of USSD sessions completed below

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Analytics

infobipWORX

Dashboard
SMS log 48h
SMS bulk list
NC log 48h
NC bulk list
USSD Log 48h
Report centre

Messages sent in the last 48 hours

Recipient
☒ Pending
☒ Delivered
☒ Failed
External message id

Export to:

☒ With message text

External message id	Sent date	Sender	Recipient	Destination country	Destination network	Status	Delivery report time	Message text
No data to show								

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This section displays real-time results of all your USSD sessions performed in the last 48 hours.

In the default view, the toolbar displays only the "Refresh" button, which you can use to get the most up-to-date information on your performed USSD sessions.

6.2.4.1 FILTER DATA

→ Figure 96: Filter by recipient, status and external ID toolbar. Press the Refresh button after entering data and / or toggling options to view data.

Recipient
☒ Pending
☒ Delivered
☒ Failed
External message id

6.2.4.2 EXPORT DATA

Export to:

Excel

CSV

☒ With message text

Export options to an Excel or CSV file. You can also include message text in the exported file by checking the 'With message text' checkbox.

6.3 NUMBER CONTEXT

6.3.1 PERFORM NUMBER CONTEXT LOOKUP

→ Figure 97: Number Context page contains a five step wizard that lets you perform in-depth check of a range of mobile numbers. You can either upload a file containing numbers or paste or enter a list of numbers to start with the lookup.

Here you can perform a Number Context lookup. It is a lookup into the central database containing details for each mobile phone subscriber number that is authorised to use the GSM core network.

The system is directly connected to the global mobile network, which ensures fast and highly accurate access to key information about a specific mobile number, including:

- Validity - checking whether a mobile phone number is valid.
- Mobile location - country level information about the location of a phone.
- Mobile network - the current network that the phone is operating on.

- International Mobile Subscriber Identity (IMSI)⁷ - enhance anti-fraud procedures by performing IMSI verification directly from the GSM network.
- Porting - checks whether a mobile phone number has been 'ported' to a new network due to MNP (Mobile Number Portability).

6.3.1.1 TOOLBAR

To reset current job press the "Cancel" job button (can be undone by clicking "Undo").

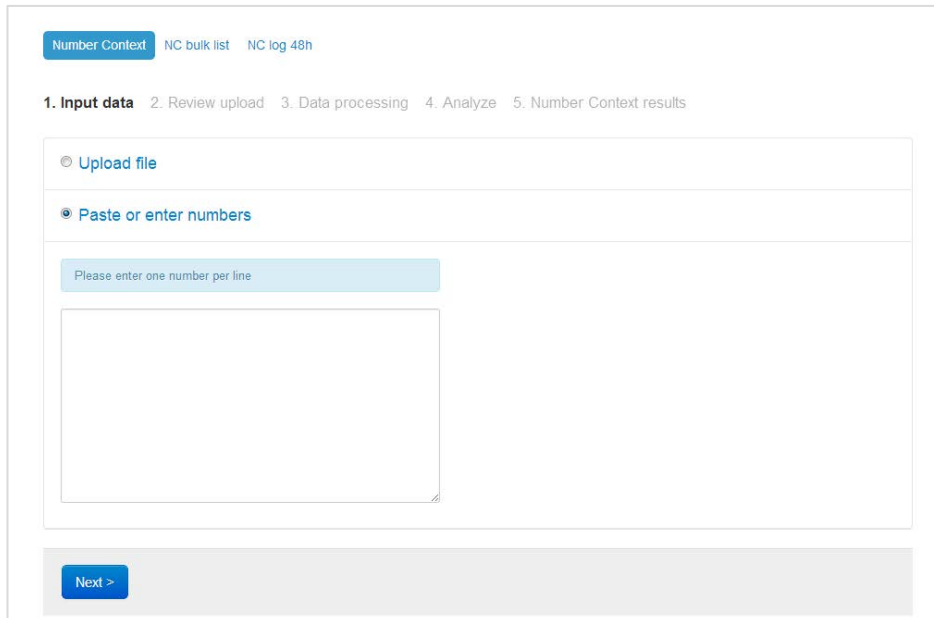
6.3.2 PERFORM NUMBER CONTEXT WIZARD

6.3.2.1 INPUT DATA

- Use the form to either insert numbers manually (by entering numbers individually or pasting spread sheets of numbers) or upload a CVS, TXT or MS Excel document containing mobile numbers.

⁷ IMSI An International Mobile Subscriber Identity or IMSI (pronounced / 'ɪmzi/) is a unique identification associated with all GSM and UMTS network mobile phone users. It is stored as a 64 bit field in the SIM inside the phone and is sent by the phone to the network. It is also used for acquiring other details of the mobile in the Home Location Register (HLR) or as locally copied in the Visitor Location Register. To prevent eavesdroppers identifying and tracking the subscriber on the radio interface, the IMSI is sent as rarely as possible and a randomly-generated TMSI is sent instead.

→ Figure 98: Paste or enter numbers option.



The screenshot shows a web interface for 'Number Context'. At the top, there are tabs: 'Number Context' (selected), 'NC bulk list', and 'NC log 48h'. Below the tabs is a progress bar with five steps: '1. Input data' (active), '2. Review upload', '3. Data processing', '4. Analyze', and '5. Number Context results'. The main content area has two radio button options: 'Upload file' and 'Paste or enter numbers' (selected). Below the selected option is a text input area with a placeholder 'Please enter one number per line' and a large empty box for pasting numbers. At the bottom of the form is a 'Next >' button.

6.3.2.2 REVIEW UPLOAD

- Here you can customise input from uploaded data by managing parameters such as the encoding delimiter, and preview data.

→ Figure 99: Step 2 – Review upload

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Number Context infobip WORX

Number Context

NC bulk list

NC log 48h

1. Input data

2. Review upload

3. Data processing

4. Analyze

5. Number Context results

If the table below is OK, add values to columns and click Next

Skip first row ☐

Showing only first 5 rows

Custom client id None

Number	Number	Number	Number
1234567890123	John	Jackson	
15348343153	James	Harveson	
848351531531	Jack	Johnson	
585484854123	Mary	Morrison	
51185348641	Angela	Dickinson	

< Prev

Next >

Cancel Job

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6.3.2.3 DATA PROCESSING

- This step displays the results status of and provides the option to name the current Number Context job.

→ Figure 100: Step 3 – Data processing

6.3.2.4 ANALYSE

- Here you can review job parameters such as “Country”, “Network”, “Price per (NC) lookup” in euro cents, “Total recipients and NC count”, “Total number” of Number Context lookups and “Total price” in euro cents.

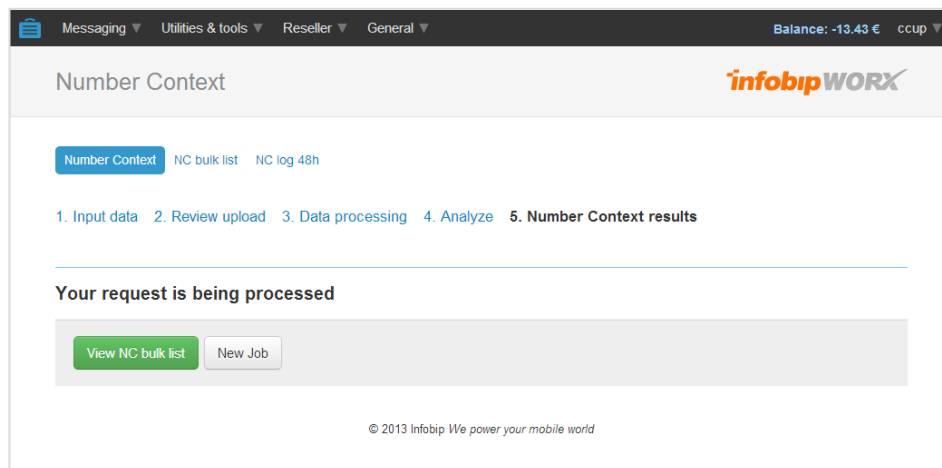
→ Figure 101: Step 4 - Analyse

Country	Network	Price per Number Context in EUR	Total recipients	Number Context count
United States (1)	Sprint Communications Company, LP	0.0060 EUR	1	1

6.3.2.5 NC RESULTS

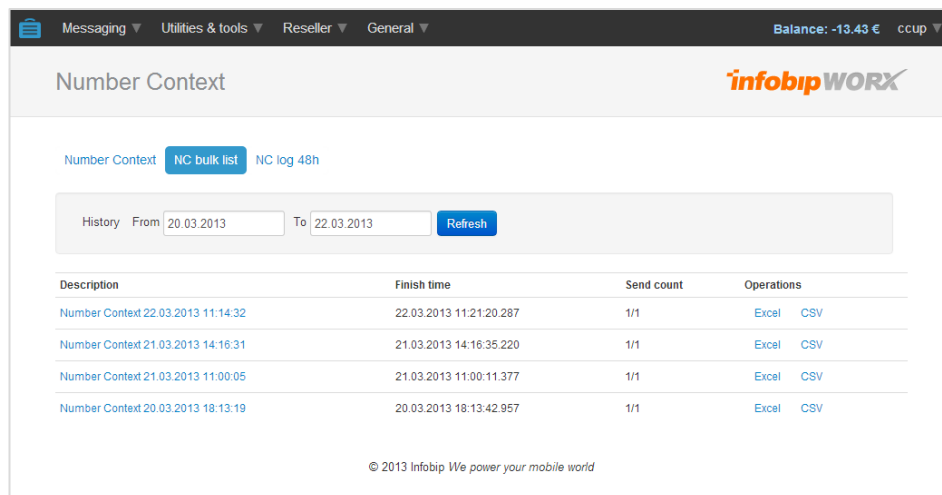
- Displays confirmation that a job is being processed. Use the “View NC list” link to display job status or click “New job” to perform new Number Context job.

→ Figure 102: Number Context results page



Large uploads can take a longer time to complete and display on the NC results page.

→ Figure 103: Number Context results page (NC Bulk list)



Use the  button on the toolbar to refresh data.

6.3.3 NUMBER CONTEXT BULK LIST

This section displays the results of your Number Context jobs.

Number Context lookup is a check of a central database with the details of each mobile subscriber authorised to use the GSM core network.

The Number Context Lookups store details of every SIM. A subscriber identity module (SIM) on a removable SIM card securely stores the service-subscriber key (IMSI) used to identify a subscriber on mobile telephony devices (such as mobile phones and computers) card issued by the mobile phone operator. Each SIM has a unique identifier called an IMSI.

International Mobile Subscriber Identity or IMSI (pronounced / 'ɪmzi/) is a unique identification associated with all GSM and UMTS network mobile phone users. It is stored as a 64 bit field in the SIM inside the phone and is sent by the phone to the network. It is also used for acquiring other details of the mobile in the Home Location Register (HLR) or as locally copied in the Visitor Location Register. To prevent eavesdroppers identifying and tracking the subscriber on the radio interface, the IMSI is sent as rarely as possible and a randomly-generated TMSI is sent instead. This is the primary key to each Number Context Lookup record.

Examples of other data stored in the Number Context Lookup against an IMSI record:

- GSM services that the subscriber requested or has been provided with.
- GPRS General packet radio service (GPRS) is a packet oriented mobile data service on the 2G and 3G cellular communication systems global system for mobile communications (GSM). The service is available to users in over 200 countries worldwide. GPRS was originally standardized by European Telecommunications Standards Institute (ETSI) in response to the earlier CDPD and i-mode packet switched cellular technologies. It is now maintained by the 3rd Generation Partnership Project (3GPP). Settings allow the subscriber to access packet services.
- Current location of the subscriber (VLR and serving GPRS support node/SGSN).
- Call diverts settings applicable for each associated MSISDN MSISDN is a number uniquely identifying a subscription in a GSM or a UMTS mobile network. Simply put, it is the telephone number of the SIM card in a mobile/cellular phone.

In the default view, the toolbar displays only the Refresh button, which you can use to get the most up-to-date information on your performed Number Context.

6.3.4 NUMBER CONTEXT RESULTS LIST

- Figure 104: Number Context results page with date range filter and the result list below. Number Context jobs are displayed chronologically in a descending order (from newest to oldest). You can export each job as Excel or CSV using the respective links in the operations column.

Description	Finish time	Send count	Operations
Number Context 22.03.2013 11:14:32	22.03.2013 11:21:20.287	1/1	Excel CSV
Number Context 21.03.2013 14:16:31	21.03.2013 14:16:35.220	1/1	Excel CSV
Number Context 21.03.2013 11:00:05	21.03.2013 11:00:11.377	1/1	Excel CSV
Number Context 20.03.2013 18:13:19	20.03.2013 18:13:42.957	1/1	Excel CSV

- **Description**
Default or user defined Number Context job name. Click on "Number Context Lookup job name" to display Number Context results for that Number Context job.
- **Finish time**
Shows the exact time when a Number Context Lookup job was done.
- **Sent count**
Total Number Context Lookups in a Number Context Lookup job.
- **Operations**
Export options to an Excel or CSV file.

7 GLOSSARY

Bulk SMS

Bulk Messaging is the dissemination of large numbers of SMS messages for delivery to mobile phone terminals. It is used by media companies, enterprises, banks (for marketing and fraud control) and consumer brands for a variety of purposes including entertainment, enterprise and mobile marketing.

CDMA

CDMA is a digital technology for transmitting data. It is a general technology utilized through various standards. CDMA has no limit on capacity but the base station will only connect users upon determining that the call quality would fall below a predetermined limit.

Concatenated SMS

In the cellular phone industry, mobile phones and their networks sometimes support concatenated short message service (or concatenated SMS) to overcome the limitation on the number of characters that can be sent in a single SMS text message transmission (which is usually 160). Using this method, long messages are split into smaller messages by the sending device and recombined at the receiving end. Each message is then billed separately. When the feature works properly, it is nearly transparent to the user, appearing as a single long text message.

Delivered messages

Messages that reached the destination successfully, and are terminated normally on the targeted handset.

Failed messages

Failed messages are messages that have been finalised but not delivered to the handset. This can happen when the destination does not exist, when the subscriber is invalid, or when a similar permanent unavailability issue occurs.

Flash SMS

Message that appears directly on the phone's screen, instead of the 'Inbox'. It's a useful alternative to normal SMS when you want to catch the recipient's attention immediately.

GPRS

General packet radio service (GPRS) is a packet oriented mobile data service on the 2G and 3G cellular communication systems global system for mobile communications (GSM). The service is available to users in over 200 countries worldwide. GPRS was originally standardized by European Telecommunications Standards Institute (ETSI) in response to the earlier CDPD and i-mode packet switched cellular technologies. It is now maintained by the 3rd Generation Partnership Project (3GPP).

IMSI

An International Mobile Subscriber Identity or IMSI (pronounced / 'ɪmzi/) is a unique identification associated with all GSM and UMTS network mobile phone users. It is stored as a 64 bit field in the SIM inside the phone and is sent by the phone to the network. It is also used for acquiring other details of the mobile in the Home Location Register (HLR) or as locally copied in the Visitor Location Register. To prevent eavesdroppers identifying and tracking the subscriber on the radio interface, the IMSI is sent as rarely as possible and a randomly-generated TMSI is sent instead.

MSISDN

MSISDN is a number uniquely identifying a subscription in a GSM or a UMTS mobile network. Simply put, it is the telephone number of the SIM card in a mobile/cellular phone.

Number Context

Number Context lookup is a check of a central database with the details of each mobile subscriber authorised to use the GSM core network.

Pending messages

Messages which were submitted to the operator, but are currently pending for delivery. This can happen due to temporary handset unavailability.

Sent messages

Messages which were submitted to the operator, but are currently pending for delivery. This can happen due to temporary handset unavailability.

SIM

A subscriber identity module (SIM) on a removable SIM card securely stores the service-subscriber key (IMSI) used to identify a subscriber on mobile telephony devices (such as mobile phones and computers)

SMS

SMS or the Short Messaging Service allows users to send and receive personal text messages directly between mobile phones or sometimes to email addresses. Each message can be up to 160 characters long (when using the default character set) and can be sent to and from users of different operator networks. All mobile phones support SMS.

Transliteration

From an information-theoretical point of view, transliteration is a mapping from one system of writing into another, word by word, or ideally letter by letter. Transliteration attempts to use a one-to-one correspondence and be exact, so that an informed reader should be able to reconstruct the original spelling of unknown transliterated words. To achieve this objective, transliteration may define complex conventions for dealing with letters in a source script which do not correspond with letters in a goal script.

UMTS

Universal Mobile Telecommunications System (UMTS) is one of the third-generation (3G) mobile telecommunications technologies, which is also being developed into a 4G technology. The first deployment of the UMTS is the release99 (R99) architecture. It is specified by 3GPP and is part of the global ITU IMT-2000 standard. The most common form of UMTS uses W-CDMA (IMT Direct Spread) as the underlying air interface but the system also covers TD-CDMA and TD-SCDMA (both IMT CDMA TDD). Being a complete network system, UMTS also covers the radio access network (UMTS Terrestrial Radio Access Network, or UTRAN) and the core network (Mobile Application Part, or MAP), as well as authentication of users via USIM cards (Subscriber Identity Module).

Validity period

Timeframe in which message delivery is expected.