

# Background Info

Smishing (short for SMS Phishing) is a variant of phishing email scams that uses Short Message Service (SMS) systems to send out bogus text messages. Also written as SMiShing, SMS phishing made recent headlines when a vulnerability in the iPhone's SMS text messaging system was discovered that made smishing on the mobile device possible.

Smishing scams frequently seek to direct the text message recipient to visit a website or call a phone number. At which point, the person being scammed is enticed to provide sensitive information such as credit card details or passwords. Smishing websites are also known to attempt to infect the person's phone with Malware.

## How is LUCY sending SMS?

LUCY has a build in API which will connect to a centralized LUCY gateway when initializing SMS delivery. The gateway will first verify, if the LUCY client has sufficient credits and is allowed to send SMS. If all checks pass our gateway will connect to an international provider using a second API. This provider is able to send the messages with the settings defined in LUCY.

## Requirements

In order to use the smishing feature in LUCY, you need a:

- a) commercial license and
- b) sufficient balance

### Questions

- Where can I see my current assets available for this feature?

You can find your current credit under settings/licence:

The screenshot shows the Lucy Security web interface. At the top, there is a navigation bar with links: Lucy, Campaigns, Recipients, Sessions, **Settings** (highlighted with a red box), Support, and Logout. Below the navigation bar, the breadcrumb path is 'Home / License'. The main heading is 'License'. On the left, there is a table with license details:

Workstation ID	ce483724-9087-40ff-a3
Workstation Key	EEC98B415C53D9355
License Type	Commercial
Expires	06.04.2017
<b>Balance</b>	<b>0.00 USD</b>
Campaigns	5 of ∞
Recipients	6 of ∞
Recipients / Campaign	∞
Recipient Domain Count	1 of ∞

On the right, there is a dropdown menu for 'Settings'. The menu items are: Scenario Templates, Awareness Templates, File Templates, Not Found Template, Report Templates, Download Templates, Benchmark Sectors, **License** (highlighted with a red box), Update, Reboot, SSH Password, Domains, Dynamic DNS, Clients, Users, and Advanced Settings.

- How do I add credits?

In LUCY < 2.9: You can simply send us a mail with the required balance. We will then update your balance. Payment can be done via credit card.

In LUCY > 2.9: You have a button next to the balance which enables you to buy more credits directly within the LUCY GUI.

- How many credits do I need?

One sms usually costs between 3 and 9 cents. Here's the detailed pricing page (there is a selection for destination country): <https://www.messagebird.com/en-us/pricing>

- How do I get a commercial licence?

After deciding which [pricing model](#) you need you can [purchase](#) and [activate](#) Lucy in order for this feature to work.

## Setup

Within the scenario (Base Settings -> Scenario Settings -> Message Settings) you can use as a delivery method either "mail" or "sms". Choose "SMS". As a sender you can put a name or phone number (use always the phone number with the country code: example 49 xxx). The actual phone number should have no "00" and "+" in front, i.e. 41796959611 (41 - Switzerland country code) and not 0041796959611 or +41796959611. See

[https://en.wikipedia.org/wiki/List\\_of\\_country\\_calling\\_codes](https://en.wikipedia.org/wiki/List_of_country_calling_codes)

# SMS Test ▶

Summary

General Settings

Landing Page Template

Message Template

Errors

Restore Defaults

Clear Attachments

Delete All Attachments

**Message Type**

Sms

**Language**

English

**Sender Name**

41791266022

**Text**

Hi Peter  
Check this out: %link%

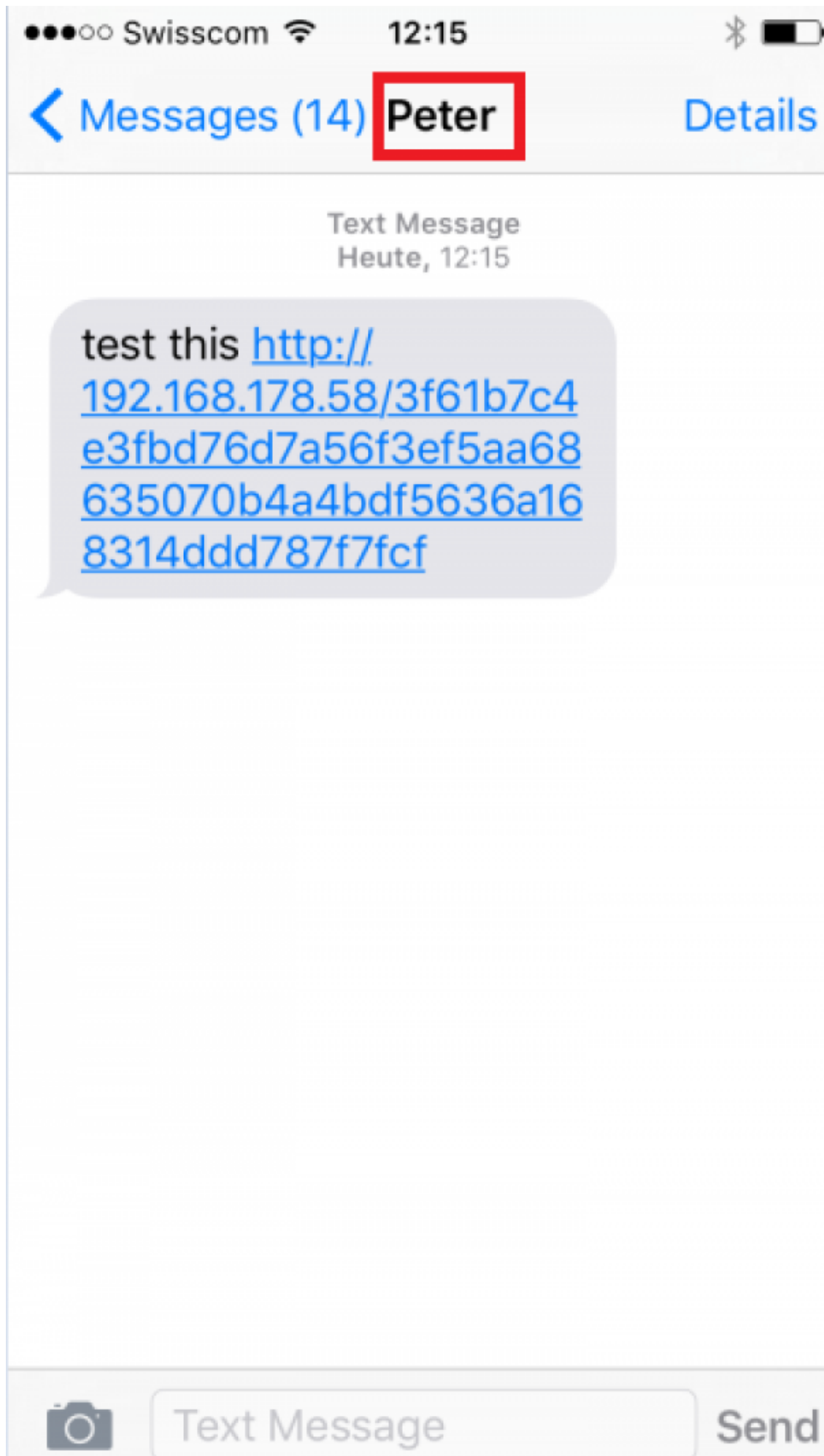
31/140

You may use the following variables in the template:  
• %link% — unique page URL for the recipient.

Save

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If the phone number is saved in the recipient's contacts, it will show the corresponding contact information upon arrival of the SMS.



Next, you will need to enter the phone number in your recipient's list. Don't forget to also set the correct language (the language should match the language chosen in General Settings (Base Settings -> Scenario settings -> Base Settings)).

The screenshot shows the SMISHING web interface. At the top, there is a breadcrumb trail: Home / Recipients / SMISHING / test@smishing.net. Below this is the 'SMISHING' header. On the left, there is a sidebar with buttons: Recipients (highlighted in blue), Edit Group Name, Import, and Scan. The main area contains a form for adding a recipient. The form fields are: E-mail (test@smishing.net), Phone (0041796775299), Language (English), Name (Oliver), Staff Type, Location, Division, Link, and Comment. The Phone and Language fields are highlighted with red boxes. A 'Save' button is at the bottom of the form.

## Automated URL Shortening

When you place the %link% variable within the message body and your scenario uses a public domain name, it will automatically be shortened. The link will look like "<http://is.gd/9VjDKF>" to fit into one text message. If you use an IP address for your landing page the link will be not shortened.

## Known Issues

- Issues when spoofing within same provider: Spoofing a message within same provider within the same country might not work. For example: if you want to send a spoofed message from a cell phone using "o2" to another cell phone using "o2" the message won't arrive. But if you send the same message from a phone using "telekom" to a cell phone using "o2" it will work
- Issues with specific countries: in certain countries SMS spoofing will not work at all or SMS might only arrive if the sender is using a different country code. Example: in Belgium the SMS sender will get replaced by a general number like "8850" when using a different country code.

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