



Home center 2.7.3+ SMS integration





The SMS functionality is available exclusively on the Home center interface Server (VMBHIS or HIS)

Revision 02-08-2015

More info http://www.homecenter.be

Table of Contents

1	Basic concept	3
2	Getting started	3
	2.1 Create an account at one of the services	3
	2.1.1 Clickatell	4
	2.1.2 CM Gateway	5
	2.2 Enter the account details in Home center	5
	2.2.1 Clickatell	6
	2.2.2 CM Gateway	6
	2.3 Send test SMS	6
	2.3.1 Clickatell number formating	7
	2.3.2 CM SMS gateway number formating	7
	2.4 Creating an SMS message	7
	2.5 Link the SMS message to an event	8
	-	

1 Basic concept

Configure Home center to send SMS messages through online services.



This adds a whole new dimension to your Home automation system. It is possible to get fast notifications on your mobile when certain events happen. The advantage over the push notifications on smart phones is that even if you are outside of WiFi or 4G range, you still can get the SMS.

2 Getting started

2.1 Create an account at one of the services

For starters you must create an account with one of the supported services. With both of the services you get some free credits to test their service.

If you haven't decided yet which service to use, use the free credits before purchasing.

Please note

It is likely that when using the free credits, a default message will be delivered and not your actual message. That is ok if it is just for testing purposes.

2.1.1 Clickatell

When you create an account with Clickatell, you will need to activate an **API**. Login to Clickatell at the Developers' central:

	្ន SMS settings 🛛 🗙	Login to your	Clickatell ac ×			🔺 Liesber 📃 🗖 🗙
*	-> C 🖍 🔒 Clickate	II (PTY) Ltd [ZA] ht	tps://www.clickatell.com/Log	jin/	0 F 5	🔆 🌣 📓 🔒 💀 💰 🗏
	Clickat			Login > Gi	ET STARTED FOR FREE	
	mf smrs s	SOLUTIONS	PRICING & COVERAGE	APIS & SCRIPTS	RESOURCES	
	You are here: Home > L	ogin				
	Login					
	Which product would	l you like to log	in to?		Don't have an account	t? Sign up here
	Communicator2 Send bulk SMS via the internet. No programming needed.	Develop Central Reliable, e customisa Integrates system via	ers' icalable, ble. with your APIs.			
	What is your usernan	ne? *				
	What is your Client I)? *				
	ABC123					
	What is your passwo	rd? •	Forg	got your password?		
	Remember Me					
	Login					
						*
up a new A	PI:					
-				***		
			5		und Cambral	
		SIVI:	s settings	× Develope	ers Central X	
		$\leftarrow \Rightarrow$	C 🕯 🔒 http	s://central.clic	katell.com/index	
			Clickate Modele Touch Ma	ell ⁻ Develo Centra	opers' al	
			APIs -	Receive Mes	sages - Mes	55
				Receive Mea	Mus	
			Manage A Set up a n Exclud	NPIS > New API >] pa	
	T٠					
	1.					
HTTP		Simple, fa	st and reliable. Used as a	n HTTP/Internet Post		
		The HTTP	API can be used with prac	tically any web service	or application and is one	A
		of the simp	ler ways to connect to the	Clickatell Gateway.		
		▼ MORE II	NFO			

This will create a new API with an ID. You will need this API ID in Home center.

2.1.2 CM Gateway

When you create an account at CM Gateway, you will receive a product token. You will need this product token in Home center.

2.2 Enter the account details in Home center

When you have created an account with one of the services, enter the account information in Home center:

Do this by first loging in to the Home center web interface, then open the settings page. Select 'Configuration' and then 'SMS'.

Home cent	er interface ser × 📧	
← → C	10.250.3.151/plug/settings.php	5
A Home	Home center interface server settings	🗶 Log out 🔶
	Welcome admin	
	License information	>
	🧸 Backup / Restore / Reset	>
	☆ Configuration	>
	Logic functions	>
	* _k Advanced	>
	e Help and Downloads	>
Configurat		Gast _ 🗆 🗙
 Configuration ← → C² 	ion × 10.250.3.151/plug/adm/configuration.php	Gast - C ×
 Configurati ← → C' ← Settings 	ion × 10.250.3.151/plug/adm/configuration.php	Gast ×
 Configuration C^a C^a Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration	Gast – – ×
 Configurat ← → C ← Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration Jynamic DNS (DDNS)	Gast - C ×
 Configurat ← → C⁴ ← Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration Py Dynamic DNS (DDNS) Time sync (NTP)	Gast - · ×
 Configurat ← → C⁴ ← Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration Dynamic DNS (DDNS) Time sync (NTP) Email	- Cast ×
 Configurat ← → C⁴ ← Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration Dynamic DNS (DDNS) Time sync (NTP) Email SMS	×
 Configurat ← → C ← Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration Pynamic DNS (DDNS) Time sync (NTP) Email SMS Messages on OLED display	×
 Configurat ← → C' ← Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration Dynamic DNS (DDNS) Time sync (NTP) Email SMS Messages on OLED display y Music info on OLED display	×
 Configurat ← → C⁴ ← Settings 	ion × Dynamic DNS (DDNS) Time sync (NTP) Email Messages on OLED display Music info on OLED display IR Commands	Gast - × Sat - - > - - > - - > - - > - - > - - > - - > - - > - - > - -
 Configurat → C Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration P Dynamic DNS (DDNS) Time sync (NTP) Email SMS Messages on OLED display Music info on OLED display IR Commands User management	Gast - × Image: Control of the second secon
 Configurat ← → C' ← Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration Dynamic DNS (DDNS) Time sync (NTP) Email SMS Messages on OLED display Music info on OLED display I Music info on OLED display I R Commands User management Rename in/outputs	- Cast - C ×
 Configurat ← → C ← Settings 	ion × 10.250.3.151/plug/adm/configuration.php Configuration Dynamic DNS (DDNS) Time sync (NTP) Email SMS Messages on OLED display Music info on OLED display IR Commands User management Rename in/outputs	Gast - × Image: Control of the second secon

2.2.1 Clickatell

In the SMS settings, first select 'Clickatell' as SMS Server. Then add the API ID, Username and Password. Then click '**Update**' to save the settings. And finally click '**reload configuration**' to make Home center to activate the settings.

SMS settings ×				🔺 Liesbet 📃 🗖 🗙
← → C ♠ 🗋 10.250.3.151	/plug/adm/sms.ph	0		☆ 🏘 📓 🔒 🖼 💰 ≡
← Settings		SMS settings		
	SMS Server	Clickatell	•	~
	API ID	1234567		
	Username	MyAccount		
	Password			
	Test Mobile)
	Send test sms			
		+ New SMS		
		Vpdate		
5	Please reload conf	guration to apply changes. C reload configuration] 🔫	
	Home c	enter is a product by <u>Stijnen Solutions</u> © 2005-2015 All rights reserved.		

2.2.2 CM Gateway

In the SMS settings, first select 'CM SMS gateway' as SMS Server. Then enter the product token. Then click '**Update**' to save the settings. And finally click '**reload configuration**' to make Home center to activate the settings.

SMS settings ×					4	Liesbe	t _		×
← → C ㎡ 🗋 10.250.3.15	51/plug/adm/sms.ph	p		53	۰	S	1 0 1 0	css	≡
← Settings		SMS settings							
	SMS Server	CM SMS gateway	~						
	Product Token	123xxxx-xxxx-xxxx-xxxxxxxx		-					
	Test Mobile	(
	Send test sms								
		+ New SMS							
		Vpdate							
Please reload configuration to apply changes. 🕝 reload configuration									
	Home	enter is a product by <u>Stilnen Solutions</u> © 2005-2015 All rights reserved.							

2.3 Send test SMS

If you entered the SMS settings correctly, you can send a test SMS to see if your account was activated succesfully.

Enter a mobile number (your mobile number) in the 'Test Mobile' field.

The number must be formated like mentioned in 2.3.1 Clickatell number formating or 2.3.2 CM SMS gateway number formating.

If there was an error sending the message, there will be an error message in the top right corner of the screen.

- Is your account activated at your provider?
- Did you enter the correct account information?
- Do you have enough credits at your provider?
- The provider service might be down
- Also check your message history at Clickatell / CM SMS gateway website

2.3.1 Clickatell number formating

SMS messages need to be sent in the standard international format, with country code followed by number. No leading zero to the number and no special characters such as "+" or spaces must be used. For example, a number in Belgium being 0476816856 should be changed to **32476816856**.

2.3.2 CM SMS gateway number formating

SMS messages need to be sent in the standard international format: leading zero's, country code and number. No special characters such as "+" or spaces must be used. For example, a number in Belgium being 0476816856 should be changed to **0032476816856**.

2.4 Creating an SMS message

Proceed to create an SMS, for example when a motion sensor is triggerd (and the alarm is active).

Create a new SMS message by clicking 'New SMS':



Complete the input fields:

- A description to identify the SMS
- a phone number to where the SMS must be send. Check the number formatting! (see 2.3.1 Clickatell number formating or 2.3.2 CM SMS gateway number formating)
- Message text.
 Please note: only use characters from the GSM Alphabet (character set) and limit to 144 chars to keep all info in one message.

SMS settings	×
← → C f	10.250.3.151/plug/adm/sms.php#editSms
+ Back	
Description	Motion detection trigger
.	
10	0032470810890
Message	

Click 'Back' to go back to the SMS settings.

Then click '**Update**' and '**Reload configuration**' to save and make the new SMS available for usage.

2.5 Link the SMS message to an event

Now you need add a Logic rule to link the SMS message to an event in the Home automation system.

For this we need to go to the Logic interface on the settings page.

Create a rule or add the command to an existing rule. For instance add a new rule to send an SMS when a motion sensor is triggered when the alarm is active.



🔼 Logic fu	ictions ×		<u> </u>
< → C	10.250.3.151/plug/adm/logic.php#editRule	52	¢ 🛿
+ Back	Logic functions		
Rule		🛃 Enabled	
	↓ Components ↓ Operators ↓ Values		
If			
	alarm equals On AND Binnen Motion output 1 equals Short press		
Then			
	Motion detection trigger set to Send		
Else			

The rule will be triggered when the alarm is actie (ID140 == 255) and the motion sensor is triggered (ID164 == 1)

The SMS will be sent because of the *Then action* ID183 = 1

How the Logic module works and needs to be configured, please see the Logic guide of Home center.