

Email & text message (SMS) relaying using Talk2M

1. Introduction

This document explains how to configure your eWON in order to send out emails and text messages (SMS) using the Talk2M relay server.

1.1. Benefits

- It is not necessary to know the SMTP-server of the local Internet connection which enables you to use the same settings in all your eWONs.
- No need to have an eWON with wireless modem to send out text messages
- For eWONs having a wireless modem, the action of sending out an SMS does not interrupt the Internet connection.

1.2. What is needed

To be able to use the Talk2M relay you need to have a valid Talk2M account.

The SMTP server address to use is: relay.talk2m.com

The detailed procedure is as per § [2.1 SMTP Server configuration](#).

1.3. Costs

Sending an email through your Talk2M account is free of charge.

Sending a text message (SMS) through your Talk2M account is subject to a charge. Check your subscription details to know more about the amount that will be charged.

2. eWON Configuration

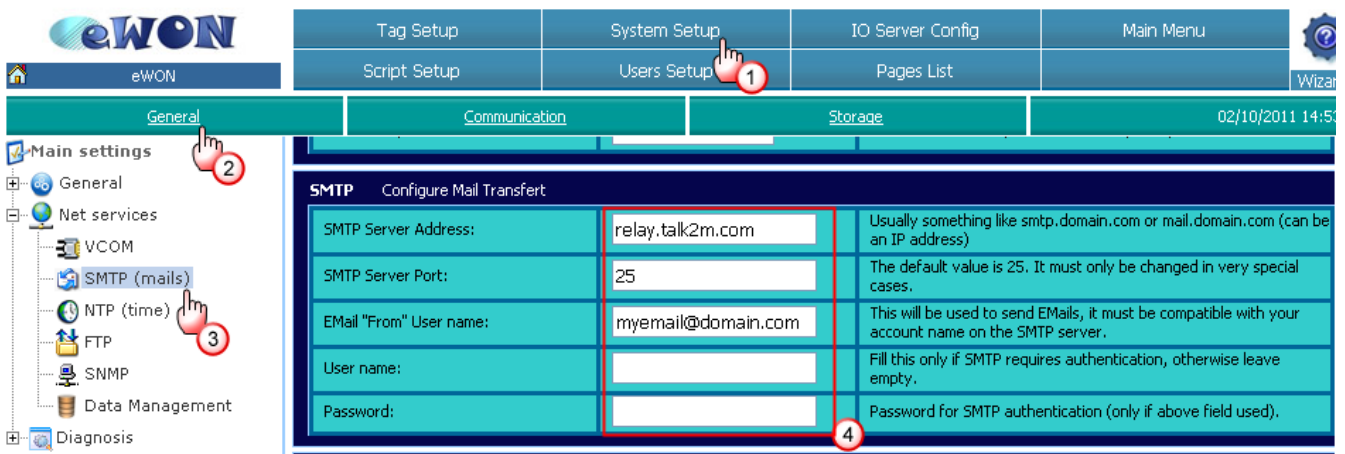
The described setup is available from firmware version 6.4s3. Earlier versions should first be updated using eBuddy.

2.1. SMTP Server configuration

- Note -

Some Internet access providers do not allow accessing an external SMTP server.

The SMTP server should be configured as follows:



- SMTP Server Address: relay.talk2m.com
- SMTP Server Port: 25
- Email "From" User Name: This can be set to any email address.

However to avoid the email to be flagged as spam mail will be sent by noreply@relaytalk2m.com on behalf of "Name of my eWON on Talk2M"

The email address entered inside the "email from User Name" will also be used to send an error message when a problem occurs during relaying.

- UserName and Password:
You can leave these fields empty (credentials will be taken over automatically).

2.1.1. Example of received eMail

The reply-to will be the email address indicated in the Sender field of the eWON itself.



With these implementations we are preventing emails sent by the eWON to be incorrectly tagged as spam but also phishing attacks.

2.2. Sending out emails

2.2.1. Tag alarm notification

Configure the email notification as usual:

Alarm Notification for tag: <u>Tag1</u>	
E-Mail upon	<input checked="" type="checkbox"/> ALM <input type="checkbox"/> ACK <input type="checkbox"/> RTN <input type="checkbox"/> END
Short Message:	<input type="checkbox"/> Format as short message
E-Mail to:	myemail@domain.com ex: usr1@dom.ci,usr2@dom.ci
E-Mail CC:	
E-Mail Subject:	test mail relay
E-Mail Attachment(s):	test SMS &[sdtEV] ex: &[sdtEV]

Sending an email to multiple recipients is possible just by using a comma “,” between different email addresses (no spaces).

2.2.2. Send mail using scripting

Use the regular “sendmail” command.

SENDMAIL "myemail@domain.be", "", "email subject", "email contents"

2.3. Sending out text messages (SMS)

To send out text messages (SMS), instead of sending out the SMS as usual, you will send out an email to the SMTP server relay by specifying the mobile (GSM) number inside the email address. The SMTP server relay will then send the text message (SMS) to the indicated mobile number.

-Important-

Configure the SMTP server settings as described in [2.1 SMTP Server configuration](#) even if you want only to send out the text message (SMS).

2.3.1. Message recipient syntax

To send out a text message (SMS) through the SMTP server relay we will send out an email using following recipient:

mobilenumber@sms.talk2m.com

For the mobile number format use the international syntax starting with 00 followed by the country code. For example use 0033476998833@sms.talk2m.com, to send an SMS to the GSM number 0476998833 in France (country code 33).

-Note-

the syntax starting with + instead of 00 before the country code is NOT accepted. Using the + will generate this type of errors:

Event Log	Status	Scheduled Actions	Real Time Log	07/03/2013
Event log Event Class: All Events Reporting Level: Trace Per Page: 20 Update				
<< Previous Page Next Page >>				
Time	Event	Description	Originator	
07/03/2013 11:25:33	21609	uact-SMTP Server returned an error (SMTP Rep:5.1.1 <+32483599361@sms.talk2m.com>: Recipient address rejected: User unknown in virtual alias t...)	unact	
07/03/2013 11:25:33	21704	ssnd-SMTP server returned an error msg	unact	

Event Log	Status	Scheduled Actions	Real Time Log	07/03/2013 11:28:38	
Scheduled actions Update					
Action Id	Action Type	Status Code	Status As Text	Start	End
11	Send Mail	21609	SMTP Server returned an error	07/03/2013 11:25:32	07/03/2013 11:25:33

2.3.2. Tag alarm notification

Configure the SMS notification as following:

Alarm Notification for tag: Tag2

E-Mail upon		<input checked="" type="checkbox"/> ALM	<input type="checkbox"/> ACK	<input type="checkbox"/> RTN	<input type="checkbox"/> END
Short Message:	<input checked="" type="checkbox"/> Format as short message				
E-Mail to:	0033476998833@sms.talk2m.com				ex: usr1@dom.ci,usr2@dom.ci
E-Mail CC:					
E-Mail Subject:	This is my message to send out by SMS				
E-Mail Attachment(s):					
SMS upon		<input type="checkbox"/> ALM	<input type="checkbox"/> ACK	<input type="checkbox"/> RTN	<input type="checkbox"/> END
SMS Destination:					ex:0456334433,gsm,0;045645123,gsm,0
SMS Subject:					

If the check box **Format as short message** is checked, the alarm notification will be added at the end of the message (Subject field). An example is shown below:

```
This is my message to send out by SMS, Tag:Tag2,From:eWON,
At:31/05/2012 15:46:39, Cur. Val 0 (ALM LVL),Desc:,Action:
```

Sending a text message to multiple mobile numbers is possible just by using a comma “,” (no spaces) between different email addresses or using the email CC field.

For example 0032476998877@sms.talk2m.com,0033476998876@sms.talk2m.com

2.3.3. Send SMS using scripting

Use the “sendmail” command (not the sendsms command) by specifying the mobile number inside the email address:

```
SENDMAIL "0033476998833@sms.talk2m.com", "", "Text message", ""
```

Only the subject will be sent via SMS. The last parameter will not be taken into account.

3. Talk2M account configuration

To be able to send mails and SMS from an eWON through the mail relay proper rights should be granted to the account.

On Free+ accounts,

all users (user + admin) are allowed to send out SMS & emails. On this service, it is not possible to limit the user access to this function.

On Pro accounts,

it is possible to limit the use of the relay to those users belonging to groups for which the user rights "Mail Sender" and/or "Sms Sender" have been enabled.

Account Detail

← ↗ 🔍 📄

Account Id :	eWON_sales
Account Name:	eWON_sales
Company :	eWON
Country :	Belgium
AutoCreation and pool used :	
Device custom field Name 1 :	PLC type
Device custom field Name 2 :	Remote access media
Device custom field Name 3 :	IP camera
User custom field Name 1 :	Custom field 1
User custom field Name 2:	Custom field 2
User custom field Name 3:	Custom field 3
Mail / Sms Relay access requires authentication	<input type="checkbox"/>

If checked, this option requires the user to be part of a group for which sending out emails and/or short messages (SMS) has been enabled.

Revision

Revision History

Revision Level	Date	Description
1.0	15/06/2012	Creation
1.1	27/06/2016	Review SMTP configuration

Document build number: 6

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