



## RSA SMS HTTP Plug-In Implementation Guide

Last Modified: April 22, 2013

### Partner Information

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Product Information	
Partner Name	Clickatell
Web Site	<a href="http://www.clickatell.com">www.clickatell.com</a>
Product Description	<p>Clickatell's messaging gateway allows you to send messages to almost any mobile phone in the world. Its high powered platform ensures reliable delivery of all messages, and our global coverage means that you can reach 819 mobile networks in 220+ countries.</p> <p>With Clickatell's SMS gateway you can SMS enable any application, website or system and send messages around the globe with a variety of connection options. There's no charge to sign up or to use our gateway, you only pay for the messages you send.</p>

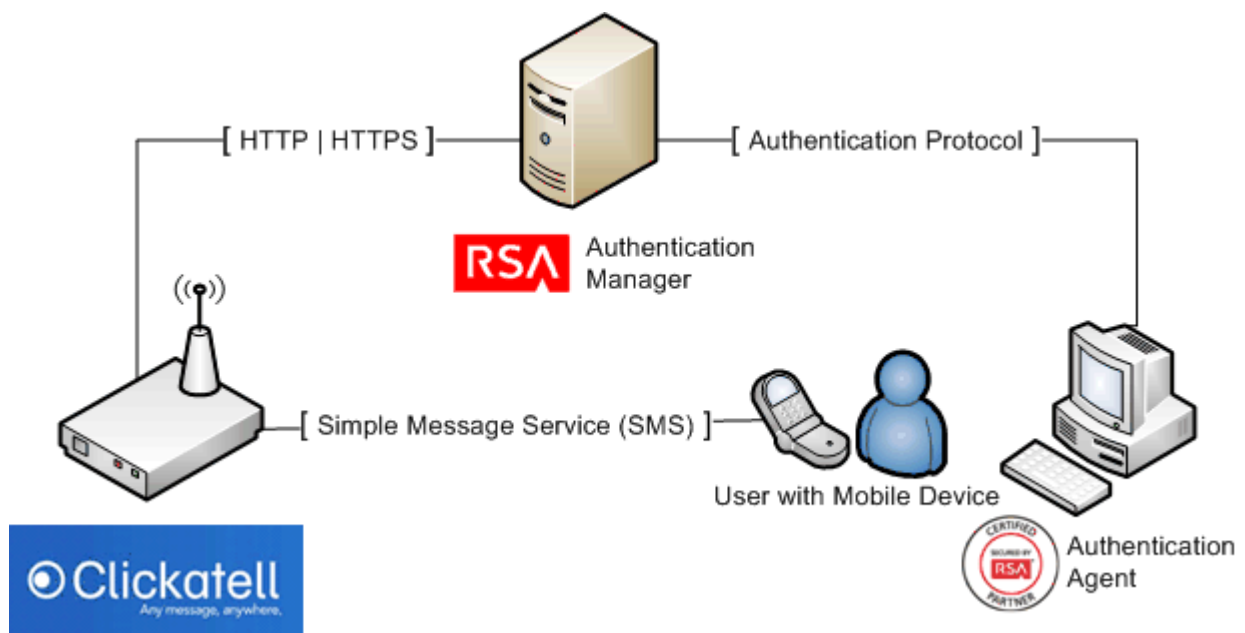


## Solution Summary

RSA Authentication Manager can be configured to use Clickatell for delivery of on-demand tokencodes to be used in on-demand authentications.

When a user authenticates to an agent using his/her username and on-demand PIN, the RSA Authentication Manager sends the on-demand tokencode and mobile number to Clickatell using the HTTP or HTTPS protocol. Clickatell then delivers the on-demand tokencode to the user's mobile device via Short Message Service (SMS.) The authentication process is completed when the user enters the on-demand tokencode into the agent's prompt for next tokencode.

RSA HTTP Plug-In Supported Functions	
Clickatell	
Integrates with HTTP Plug-In via HTTP	Yes
Integrates with HTTP Plug-In via HTTPS	Yes



## SMS HTTP Plug-In Configuration

RSA Authentication Manager can be configured to integrate a supported Short Message Service (SMS) provider using HTTP, HTTPS, or XML-over-HTTP to deliver on-demand tokencodes to a user's mobile phone.

**! > Important: HTTP connections are not secure. Sensitive information, such as a tokencode, may be exposed. For secure connections, configure HTTPS.**

Before configuring the HTTP Plug-In, you must locate the configuration parameters and base URL. Contact your SMS provider for this information. You must include the following elements within your provider's parameters to retrieve data from the corresponding fields.

Required HTTP Plug-In Parameters	
Elements	Description
\$cfg.user	Account User Name
\$cfg.password	Account Password
\$msg.address	User Attribute to Provide SMS Destination
\$msg.message	On-Demand Tokencode Message

SMS HTTP Plug-In is configured in the RSA Authentication Manager's Security Console. The configuration page has three sections:

- Tokencode Delivery by SMS
- SMS Provider Configuration
- SMS HTTP Proxy Configuration (optional)

### Tokencode Delivery by SMS

- Mark the Delivery by SMS checkbox to enable the delivery of On-Demand Tokencodes using SMS service.
- Select the User Attribute to Provide SMS Destination from the drop-down menu.
- (Optional) Select the Default country code from the drop-down menu.
- Select HTTP from the SMS Plug-In drop-down menu.

Tokencode Delivery by SMS	
② Delivery by SMS:	<input checked="" type="checkbox"/> Enable the delivery of on-demand tokencodes using SMS service
② User Attribute to Provide SMS Destination: *	-- Choose One --
② Default country code: *	-- Lookup Country Code --
② SMS Plug-In: *	HTTP

## SMS Provider Configuration

- Copy the following line into Base URL field.  
`https://api.clickatell.com/http/sendmsg`
- Click Import Certificate to browse to and install an SMS certificate if you are configuring your base for HTTPS.
- Select POST from the HTTP Method drop-down menu.
- Copy the following string into the Parameters field, and substitute <API\_ID> for your API ID provided by Clickatell.  
`user=$cfg.user&password=$cfg.password&api_id=<API_ID>&to=$msg.address&text=$msg.message`
- To specify an SMS short code, append the following line to your Parameters string, and substitute <SHORTCODE> for your SMS short code.  
`&from=<SHORTCODE>&mo=1`
- Enter Account User Name for the SMS Provider.
- Enter Account Password for the SMS Provider.
- Copy the following line into the Success Response Code field.  
`ID`
- Copy the following line into the Response Format field.  
`(.*) : .*`

SMS Provider Configuration

Base URL: \*  RSA recommends using HTTPS to increase security.

Certificate :  (If you enter an HTTPS Base URL, you must import a certificate.)

HTTP Method: GET

Parameters: \*

Account User Name: \*

Account Password: \*

Connection Timeout: 5000 milliseconds

Success Response Code: \*

Response Format: \*

## SMS HTTP Proxy Configuration (optional)

Enter the configuration settings for your HTTP Proxy server if you are using one.

SMS HTTP(S) Proxy Configuration

Proxy Hostname:

Proxy Port:

Proxy User:

Proxy Password:

Click Update to save the SMS Configuration.

## Certification Checklist for RSA HTTP Plug-In

Date Tested: April 22, 2013

Product Name	Certification Environment	
	Version Information	Operating System
<b>RSA Authentication Manager</b>	8.0	Virtual Appliance
<b>RSA Authentication Agent</b>	7.2	Windows Server 2008 R2
<b>Clickatell</b>	N/A	N/A

Mandatory Functionality	
SMS Message Delivered	✓
On-Demand Authentication with SMS tokencode	✓
Success Code Received by HTTP Plug-In	✓

PEW

✓ = Pass ✗ = Fail N/A = Not Applicable to Integration