



RSA SMS HTTP Plug-In Implementation Guide

Last Modified: September 17, 2013

Partner Information

Product Information	
Partner Name	CM
Web Site	www.cmtelecom.com , www.cm.nl
Product Name	Voice Gateway
Product Description	<p>The VOICE Gateway enables clients to connect directly to CM's VOICE platform in order to integrate VOICE messages into their own systems and applications. The VOICE Gateway supports HTTPS, can also be fully programmed with IVR capabilities, and supports multiple languages.</p> <p>The voice gateway can terminate worldwide to mobile phones and land lines. Customers' own voice recordings can be implemented as well. The VOICE gateway enjoys the same 24x7 service level as our customers expect from our SMS gateway and can be setup within 1 working day.</p>

cm.

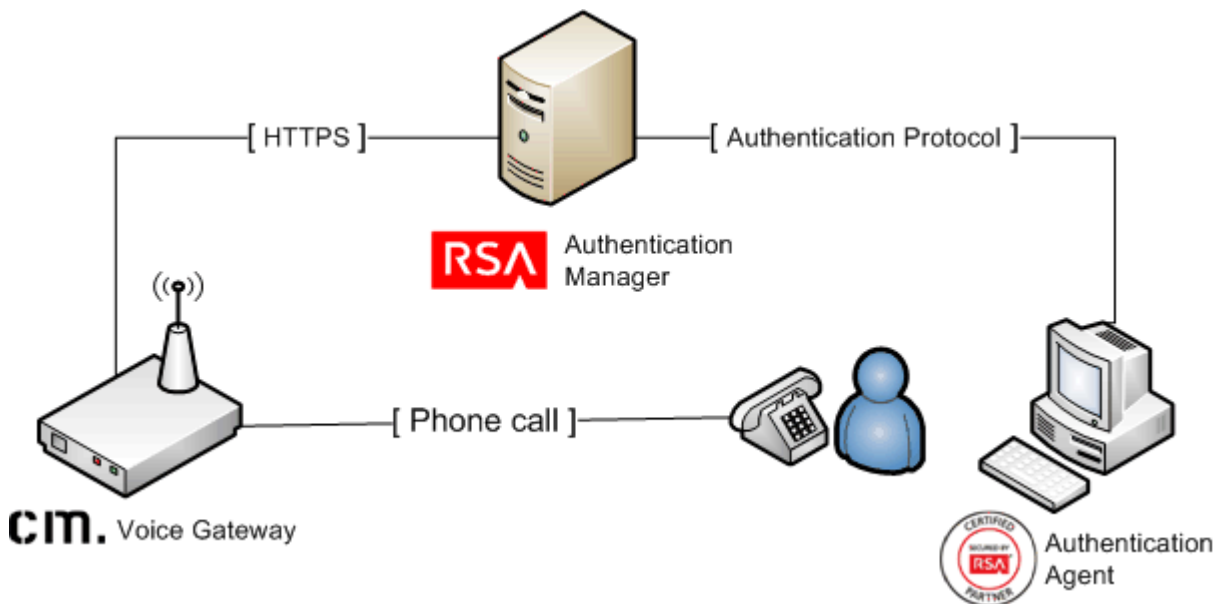
Solution Summary

RSA Authentication Manager can be configured to utilize CM Voice Gateway 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 CM Voice Gateway using the HTTPS protocol. CM Voice Gateway then calls the user on a previously registered phone number and plays a message containing the on-demand tokencode to the user. The authentication process is completed when the user enters the on-demand tokencode into the agent's prompt for next tokencode.

! > Important: This solution utilizes the RSA Authentication Manager's SMS Configuration to provide voice calls for On-Demand Tokencode Delivery. As such, this document contains many references to SMS. Be advised that this is a voice call solution only. No SMS messages will be sent or delivered using this solution.

RSA HTTP Plug-In Supported Functions	
CM Voice Gateway	
Integrates with HTTP Plug-In via HTTP	No
Integrates with HTTP Plug-In via HTTPS	Yes



SMS HTTP Plug-In Configuration

!> Important: This solution utilizes the RSA Authentication Manager's SMS Configuration to provide voice calls for On-Demand Tokencode Delivery. As such, this document contains many references to SMS. Be advised that this is a voice call solution only. No SMS messages will be sent or delivered using this solution.

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. 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 the 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	
<input type="checkbox"/> Delivery by SMS:	<input checked="" type="checkbox"/> Enable the delivery of On-Demand Tokencodes using SMS service
<input type="checkbox"/> User Attribute to Provide SMS Destination: *	-- Choose One --
<input type="checkbox"/> Default country code:	-- Select Country Code --
<input type="checkbox"/> SMS Plug-In: *	HTTP Which SMS plug-in is appropriate?

SMS Provider Configuration

- Copy the following line into the Base URL field for HTTPS:
https://secure.cm.n1/voicegateway/
- Click Import Certificate to browse to and install a certificate.
- Select XML from the HTTP Method drop-down menu.
- Copy the following string into the Parameters field and replace [customerid] with your customerid.


```
<?xml version="1.0" encoding="utf-8"?>
<callrequest reference="132981204626309127">
  <authentication>
    <customer>[customerid]</customer>
    <username>$cfg.user</username>
    <password>$cfg.password</password>
  </authentication>
  <recipients>
    <recipient>$msg.address</recipient>
  </recipients>
  <scenario id="29" culture="en-US">
    <parameter name="endusercode">$msg.message</parameter>
  </scenario>
</callrequest>
```

- Enter Account User Name.
- Enter Account Password.
- Copy the following line into the Success Response Code field.

0

- Copy the following line into the Response Format field.

. *code="(.)">.*

SMS Provider Configuration	
Base URL:	* <input type="text"/> <small>RSA recommends using HTTPS to increase security.</small>
Certificate Name:	<input type="button" value="Import Certificate"/>  (If you enter an HTTPS Base URL, you must import a certificate.)
HTTP Method:	GET <input type="button" value="v"/>
Parameters:	* <input type="text"/>
Account User Name:	* <input type="text"/>
Account Password:	* <input type="text"/>
Connection Timeout:	<input type="text" value="5000"/> milliseconds
Success Response Code:	* <input type="text"/>
Response Format:	* <input type="text"/>

SMS HTTP Proxy Configuration (optional)

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

SMS HTTP Proxy Configuration	
<input type="checkbox"/> Proxy Hostname:	<input type="text"/>
<input type="checkbox"/> Proxy Port:	<input type="text"/>
<input type="checkbox"/> Proxy User:	<input type="text"/>
<input type="checkbox"/> Proxy Password:	<input type="text"/>

Click Update to save the configuration.

Tokencode Settings

Open the Tokencode Settings tab, modify the **On-Demand Tokencode Message** to the following and click **Save**.

\$OTT

On-Demand Tokencode Delivery

SMS Configuration | E-mail Configuration | **Tokencode Settings**

Specify the On-Demand Tokencode message users receive and the amount of time it is valid for.

* Required field

General Settings

② On-Demand Tokencode Message: *

② On-Demand Tokencode Lifetime: * minutes

Certification Checklist for RSA HTTP Plug-In

Date Tested: September 17, 2013

Certification Environment		
Product Name	Version Information	Operating System
RSA Authentication Manager	8.0	Virtual Appliance
RSA Authentication Agent	7.2	Windows Server 2008 R2
CM Voice Gateway	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