



RSA SMS HTTP Plug-In Implementation Guide

Last Modified: September 26, 2013

Partner Information

Product Information	
Partner Name	Motricity
Web Site	www.motricity.com
Product Name	Motricity Gateway
Product Description	Motricity Gateway delivers a robust solution for rapid delivery of wireless messaging and content, ensuring that communications, offers and promotions get to your customers on time. As a leading SMS aggregator, Motricity maintains mature carrier relationships across US and Canada and has built a reputation for reliability, performance and service by delivering millions of successful SMS messages to hundreds of millions of subscribers.

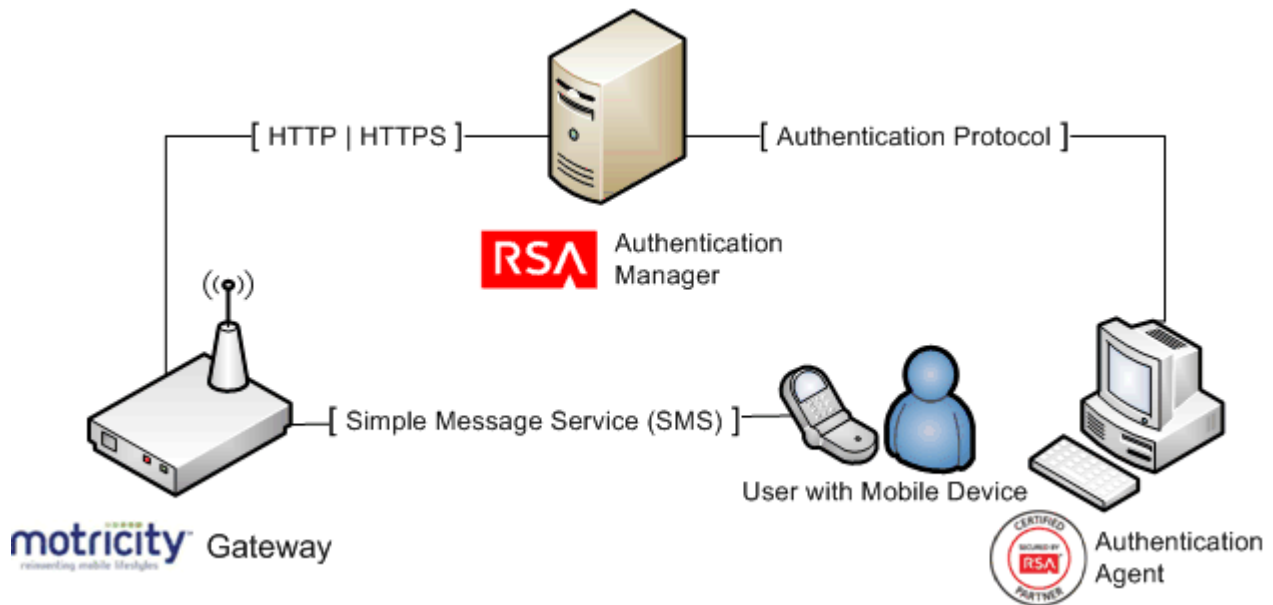


Solution Summary

RSA Authentication Manager can be configured to utilize Motricity 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 Motricity Gateway using the HTTP(S) protocol. Motricity Gateway 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	
Motricity Gateway	
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	
<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 Base URL field.
`http://gw.msg.mcore.com/messagingAPI/3_0/sendsms`
- Select GET from the HTTP Method drop-down menu.
- Copy the following string into the Parameters field and replace *[shortcode]* with your short code.
`a=$cfg.user&s=[shortcode]&d=$msg.address&m=$msg.message&c=99&messageCategory=0x10000001`
- Enter Account User Name for the SMS Provider.
- Motricity Gateway does not use an Account Password, but this is a required field for the SMS Plug-in. Enter any text into this field.
- Copy the following line into the Success Response Code field.
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- Copy the following line into the Response Format field.
`.*(-).*`

SMS Provider Configuration	
Base URL:	<input type="text"/> <small>RSA recommends using HTTPS to increase security.</small>
Certificate Name:	<input type="text" value="Import Certificate"/>  (If you enter an HTTPS Base URL, you must import a certificate.)
HTTP Method:	<input type="text" value="GET"/>
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	
Proxy Hostname:	<input type="text"/>
Proxy Port:	<input type="text"/>
Proxy User:	<input type="text"/>
Proxy Password:	<input type="text"/>

Click Update to save the SMS Configuration.

Certification Checklist for RSA HTTP Plug-In

Date Tested: September 26, 2013

Certification Environment		
Product Name	Version Information	Operating System
RSA Authentication Manager	8.0	Virtual Appliance
RSA Windows Authentication Agent	7.2	Windows Server 2008 Enterprise
Motricity 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