



RSA SMS HTTP Plug-In Implementation Guide

Last Modified: May 2, 2013

Partner Information

Product Information	
Partner Name	Strikelron
Web Site	www.strikeiron.com
Product Name	SMS Alerts and Notifications
Version & Platform	4.0
Product Description	<p>SMS Alerts and Notifications Web service enables an SMS (text) message to be sent to virtually any mobile phone instantly. Provide corporate alerts and notifications to improve communication processes to opt-in mobile users.</p> <p>Features:</p> <ul style="list-style-type: none">• Text messages can be delivered to any mobile phone capable of receiving SMS text messages.• Supports single message or bulk message capability.• Can be used for alerting, monitoring, calls to action, data-driven notifications and many other scenarios to communicate with a mobile phone in an automated or non-manner.• Delivers to North American and International Mobile carriers.• No additional charge for sending SMS messages. (However, standard and other rates from your carrier apply for mobile terminated messages. Check with your carrier for rate information.)• Strikelron also offers the ability to send 2-way SMS messages.• Easily integrated into websites, applications, business processes and more.

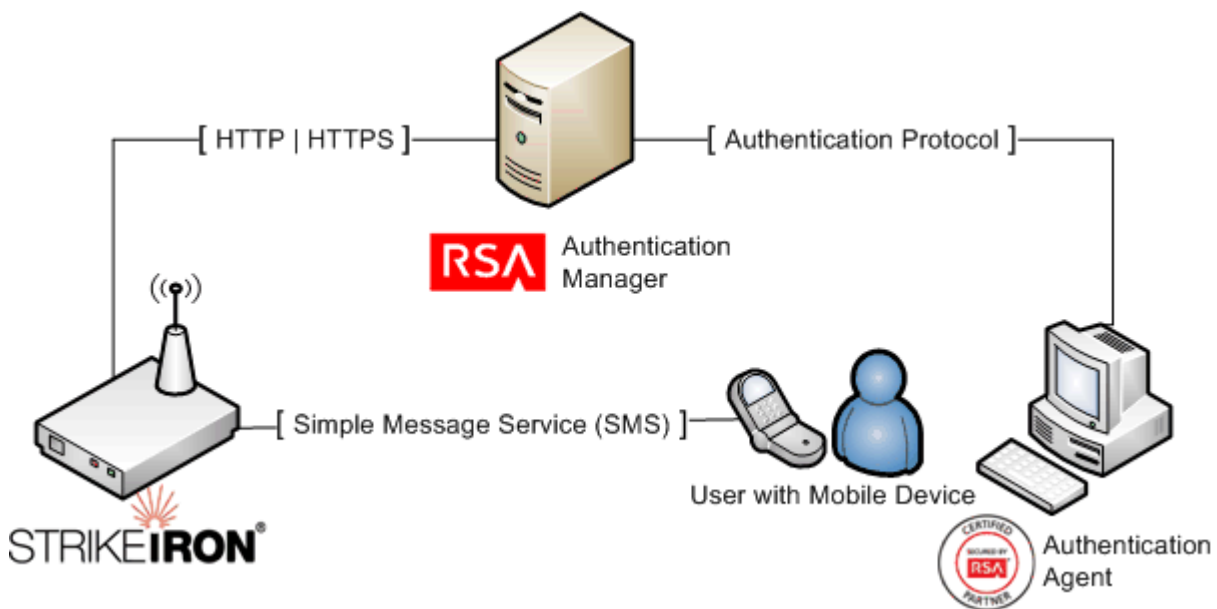


Solution Summary

RSA Authentication Manager can be configured to utilize Strikelron SMS Alerts and Notifications 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 Strikelron SMS Alerts and Notifications using the HTTP or HTTPS protocol. Strikelron SMS Alerts and Notifications 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	
Strikelron SMS Alerts and Notifications	
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 checked="" type="checkbox"/> Delivery by SMS:	<input checked="" type="checkbox"/> Enable the delivery of on-demand tokencodes using SMS service
<input checked="" type="checkbox"/> User Attribute to Provide SMS Destination: *	-- Choose One --
<input checked="" type="checkbox"/> Default country code: *	-- Lookup Country Code --
<input checked="" type="checkbox"/> SMS Plug-In:	HTTP

SMS Provider Configuration

- Copy the following line into Base URL field and replace [IP or hostname] with the IP or hostname provided by your SMS Provider.

`http://ws.strikeiron.com/StrikeIron/SMSAlerts4/GlobalSMSPro/SendMessage`

- Click Import Certificate to browse to and install an SMS certificate if you are configuring your base for HTTPS.
- Select GET from the HTTP Method drop-down menu.
- Copy the following string into the Parameters field.

`LicenseInfo.RegisteredUser.UserID=$cfg.user&LicenseInfo.RegisteredUser.Password=$cfg.password&SendMessage.ToNumber=$plus$msg.address&SendMessage.MessageText=$msg.message`

- 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.

21

- Copy the following line into the Response Format field.

`.+?<StatusNbr>(.)</StatusNbr>.*`

The screenshot shows the 'SMS Provider Configuration' form with the following fields and values:

- Base URL:** * [Empty field] (Note: RSA recommends using HTTPS to increase security.)
- Certificate:** [Import Certificate button] (If you enter an HTTPS Base URL, you must import a certificate.)
- HTTP Method:** GET
- Parameters:** * [Empty text area]
- Account User Name:** * [Empty field]
- Account Password:** * [Empty field]
- Connection Timeout:** 5000 milliseconds
- Success Response Code:** * [Empty field]
- Response Format:** * [Empty field]

SMS HTTP Proxy Configuration (optional)

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

The screenshot shows the 'SMS HTTP(S) Proxy Configuration' form with the following fields:

- Proxy Hostname:** [Empty field]
- Proxy Port:** [Empty field]
- Proxy User:** [Empty field]
- Proxy Password:** [Empty field]

Click Update to save the SMS Configuration.

Certification Checklist for RSA HTTP Plug-In

Date Tested: May 2, 2013

Product Name	Certification Environment	
	Version Information	Operating System
RSA Authentication Manager	8.0	Virtual Appliance
RSA Authentication Agent	7.2	Windows Server 2008 R2
Strikelron Alerts and Notifications	4.0	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