RSA SMS HTTP Plug-In Implementation Guide

Last Modified: November 9, 2017

Partner Information

| Product Information	
Partner Name	Proximus
Web Site	**www.smseagle.eu**
Product Name	SMSEagle
Version & Platform	1.2.1 Hardware Gateway
Product Description	SMSEagle is a hardware SMS gateway for sending and receiving SMS messages directly to/from GSM network. The device allows you to send SMS messages without the need of Internet connection. Just put a SIM card inside the device, plug it in your local network and use built-in API to send/receive SMS messages.

Solution Summary

RSA Authentication Manager can be configured to utilize SMSEagle 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 SMSEagle using the HTTP(S) protocol. SMSEagle 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 ondemand tokencode into the agent's prompt for next tokencode.

RSA HTTP Plug-In Supported Functions	
Proximus SMSEagle	
Integrates with HTTP Plug-In via HTTP	Yes
Integrates with HTTP Plug-In via HTTPS	Yes
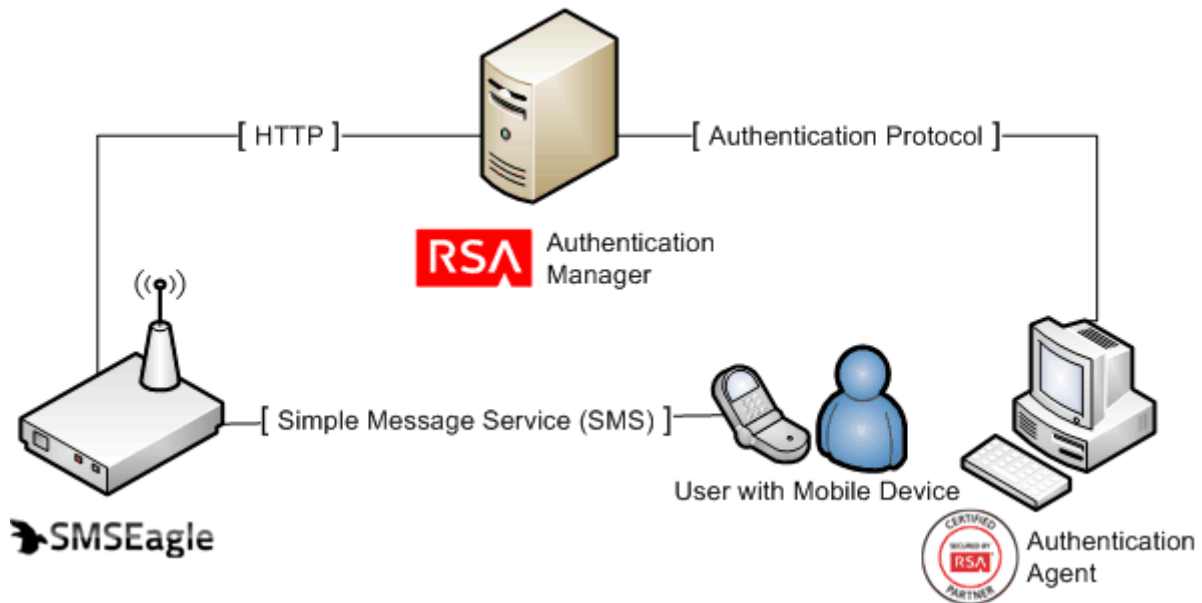
SMS HTTP(S) Plug-In Configuration

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. This information is identified during the configuration of SMSEagle. 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 or HTTPS from the SMS Plug-In drop-down menu.

SMS Provider Configuration

- Copy the following line into Base URL field and replace [IP or hostname] and [port] with the IP or hostname and port configured on your device. USE either http or https at URL beginning

  ```
  http(s)://[ip or hostname]:[port]/index.php/http_api/send_sms
  ```

- Select GET from the HTTP Method drop-down menu.
- Copy the following string into the Parameters field.

  ```
  login=$cfg.user&pass=$cfg.password&to=00$msg.address&message=$msg.message
  ```

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

  ```
  OK
  ```

- Copy the following line into the Response Format field.

  ```
  (..);*
  ```


SMS HTTP(S) Proxy Configuration (optional)

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

Click Update to save the SMS Configuration.

Partner Product Configuration

Before You Begin

This section provides instructions for configuring the SMSEagle with RSA HTTP(S) Plug-In to deliver on-demand tokencodes. This document is not intended to suggest optimum installations or configurations.

It is assumed that the reader has both working knowledge of all products involved, and the ability to perform the tasks outlined in this section. Administrators should have access to the product documentation for all products in order to install the required components.
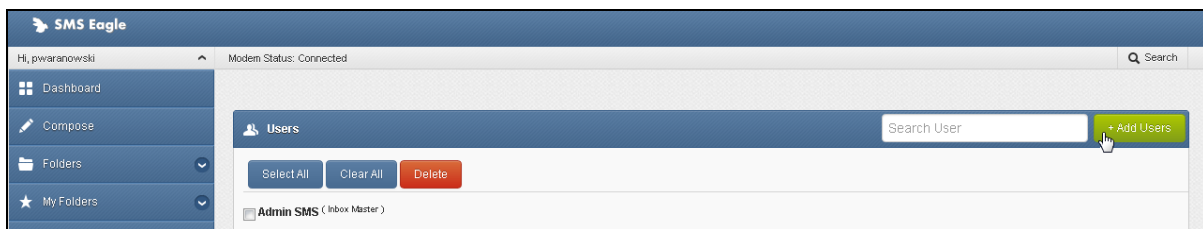
Configuring SMSEagle for RSA HTTP(S) Plug-In

To integrate the SMSEagle with the RSA HTTP Plug-In, you must only create a user account. The user account is automatically enabled for use with the HTTP(S) API.

1.   Logon to the SMSEagle Administrative Web Console, and click **Users**.
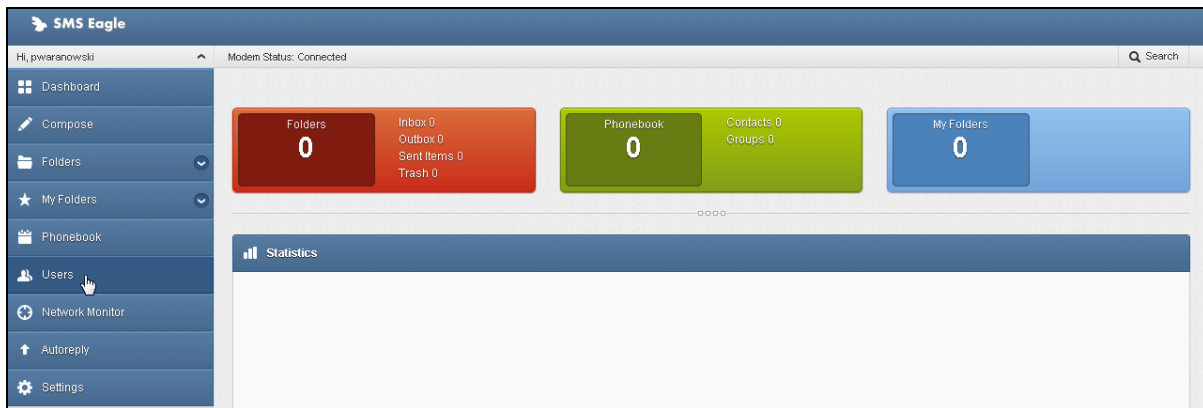
2.   Click **Add Users**.

3. Complete and submit the add user form.

Certification Checklist for RSA HTTP(S) Plug-In

Date Tested: December 20, 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
Proximus SMSEagle	1.2.1	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