

**RSA SECURID<sup>®</sup> ACCESS**  
**Authentication Manager**  
**SMS**  
**Implementation Guide**

**Mitto A2P SMS**

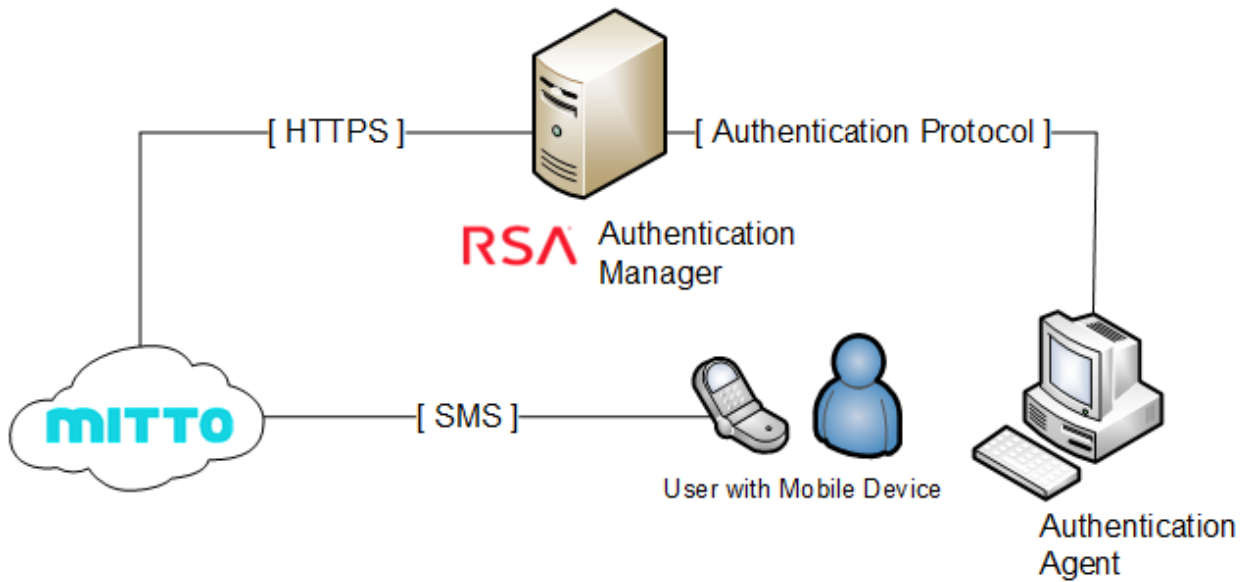
Last Modified: June 11, 2019

## Solution Summary

RSA Authentication Manager can be configured to utilize Mitto A2P SMS 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 Mitto A2P SMS. Mitto A2P SMS 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	
Mitto A2P SMS	
Integrates with HTTP Plug-In via HTTP	<input type="checkbox"/> No
Integrates with HTTP Plug-In via HTTPS	<input type="checkbox"/> Yes



## RSA Authentication Manager 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.

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	Not used
\$cfg.password	API Key
\$msg.address	User Attribute to Provide SMS Destination
\$msg.message	On-Demand Tokencode Message

The 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**

Delivery by SMS:  Enable the delivery of on-demand tokencodes using SMS service

User Attribute to Provide SMS Destination: \* -- Choose One --

Default country code: \* -- Lookup Country Code --

SMS Plug-In: \* HTTP

## ***SMS Provider Configuration***

- Copy the following line into the **Base URL** field and replace [IP or hostname] with the IP or hostname provided by your SMS Provider.  
`https://rest.mittoapi.com/sms`
- 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 where *<your\_from\_number>* is your own from number.  
`api-key=$cfg.password&from=<your_from_number>&to=$msg.address&text=$msg.message`
- Enter any value into the **Account User Name** field. Mitto does not use this field but it is required by form validation.
- Enter Mitto A2P SMS API key into the **Account Password** field.
- Copy the following line into the **Success Response Code** field.  
`0`
- Copy the following line into the **Response Format** field.  
`"responseCode": (.)`

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.