



MaKo Cloud Service: REST Data Sheet

Technical information to configure your REST connection to the SEEBURGER Cloud

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To configure your connection to the SEEBURGER Cloud, please use this data sheet we prepared for you. The first information is for your network administrator to open your **firewall** for successful communication.

The second part contains the configuration data required to **send** data to the SEEBURGER Cloud, the third part includes the configuration data required to **receive** data. The last one contains information you need to **test** your connection.

Note: The SEEBURGER Cloud's REST Service is implemented via HTTP/S. The services are addressed by URL/URI. The HTTP methods specify which operation a service is to perform. The HTTP method for message delivery is POST, other methods are reserved for future use. HTTP is a connection over the Internet. The SEEBURGER Cloud only supports HTTP using TLS/SSL. We recommend to use TLS V1.2. If your system does not support TLS/SSL, please contact our SEEBURGER Cloud Service Team.

1. REST – FIREWALL Configuration

To **SEND** data to the SEEBURGER Cloud, please open your firewall to allow outgoing HTTPS traffic:

FROM: IP address of your HTTPS system	TO: IP ranges: 85.115.5.64 – 85.115.5.95 and 85.115.19.120 – 85.115.19.127
	Port: 443

To **RECEIVE** data from the SEEBURGER Cloud, please open your firewall to allow incoming HTTPS traffic:

FROM: IP ranges: 85.115.5.64 – 85.115.5.95 and 85.115.19.120 – 85.115.19.127	TO: IP address and port of your HTTPS system
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Note: Our firewall is already open to receive messages from you.

2. REST – SENDING Data to the SEEBURGER Cloud

Our URL:	https://msg-api.seeburger.cloud:443/mako/msgs		
TLS/SSL certificate:	http.seeburger.cloud.cer ¹		
Certificate Authority (CA):	GlobalSign Root CA		
Authentication mode:	Basic (Username/Password)		
	<table border="1"> <tr> <td>Username:</td> <td>Note: You can choose your own username. It must be unique in the SEEBURGER Cloud. We allow alphanumeric characters and underscores.</td> </tr> </table>	Username:	Note: You can choose your own username. It must be unique in the SEEBURGER Cloud. We allow alphanumeric characters and underscores.
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HTTP method:
HTTP header parameter:

<table border="1"> <tr> <td>Password:</td> <td><u>Note:</u> We will generate the password automatically after you clicked the corresponding button.</td> </tr> </table>	Password:	<u>Note:</u> We will generate the password automatically after you clicked the corresponding button.		
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POST				
The following HTTP Header parameters should be supported: On sending message to the SEEBURGER Cloud				
<table border="1"> <tr> <td>Mandatory:</td> <td>Username (Cloudlink ID) Password in Basic Authentication Header TXID with Transaction ID for duplicate checking (to uniquely identify the transaction)</td> </tr> <tr> <td>Optional:</td> <td>Filename Subject TTL with Message Time to Live (for automatic expiry) in minutes (replaces the value defined in B2B Directory for REST Cloudlink)</td> </tr> </table>	Mandatory:	Username (Cloudlink ID) Password in Basic Authentication Header TXID with Transaction ID for duplicate checking (to uniquely identify the transaction)	Optional:	Filename Subject TTL with Message Time to Live (for automatic expiry) in minutes (replaces the value defined in B2B Directory for REST Cloudlink)
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Optional:	Filename Subject TTL with Message Time to Live (for automatic expiry) in minutes (replaces the value defined in B2B Directory for REST Cloudlink)			
On receiving response document (XML (default) or JSON Object) from the SEEBURGER Cloud				
<table border="1"> <tr> <td>Mandatory:</td> <td>HTTP Status with Status Code: 200 OK, 400 Bad Request, 401 Unauthorized, 403 Forbidden,... GMID with Global Message ID generated by the SEEBURGER Cloud</td> </tr> </table>	Mandatory:	HTTP Status with Status Code: 200 OK, 400 Bad Request, 401 Unauthorized, 403 Forbidden,... GMID with Global Message ID generated by the SEEBURGER Cloud		
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3. REST – RECEIVING Data from the SEEBURGER Cloud

Your URL:
Compression:
Your TLS/SSL Certificate:
Authentication mode:
HTTP method:
HTTP header parameter:

<u>Note:</u> Your URL needs to start with HTTPS, TLS/SSL needs to be used. Please provide the complete URL (including an SAP client if required).				
None				
<u>Note:</u> An approved Certificate Authority (CA) should issue your SSL Certificate. Please add the domain host name used in the URL as Common Name (CN) in the certificate request and do not use a static IP as host name.				
Basic (Username/Password)				
<u>Note:</u> Please ensure that you use sufficiently secure user names and passwords.				
<table border="1"> <tr> <td>Username:</td> <td>User of your HTTPS system</td> </tr> <tr> <td>Password:</td> <td>Password of your HTTPS system</td> </tr> </table>	Username:	User of your HTTPS system	Password:	Password of your HTTPS system
Username:	User of your HTTPS system			
Password:	Password of your HTTPS system			
POST				
The following HTTP Header parameters should be supported: On receiving message from the SEEBURGER Cloud				
<table border="1"> <tr> <td>Mandatory:</td> <td>Username and Password in Basic Authentication Header (unless 2-way-SSL) TXID with Transaction ID from Sender or Global Message ID generated by the SEEBURGER Cloud (when sender does not explicitly specify Transaction ID)</td> </tr> </table>	Mandatory:	Username and Password in Basic Authentication Header (unless 2-way-SSL) TXID with Transaction ID from Sender or Global Message ID generated by the SEEBURGER Cloud (when sender does not explicitly specify Transaction ID)		
Mandatory:	Username and Password in Basic Authentication Header (unless 2-way-SSL) TXID with Transaction ID from Sender or Global Message ID generated by the SEEBURGER Cloud (when sender does not explicitly specify Transaction ID)			

	<p>Optional:</p> <p>GMID with Global Message ID generated by the SEEBURGER Cloud Priority with <i>High / 1, Medium / 2, Low / 3</i>. Default is <i>Medium / 2</i>. Filename Subject</p> <p>On sending response document (XML (default) or JSON Object) to the SEEBURGER Cloud</p> <p>Mandatory:</p> <p>HTTP Status with Status Code: 200 OK, 400 Bad Request, 401 Unauthorized, 403 Forbidden, ... Status with Short Status (SUCCESSFUL, EXPIRED, RECALLED, DATA ERROR, ...) Status Text with Text Indicating Error or Success</p>
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Optional:

A response document (XML (default) or JSON Object) indicating the receipt status (redundant to Headers) should be included.

4. REST – TESTING Your Connection

We are not using a separate test system for the SEEBURGER Cloud. After you have finished the configuration of your EDI system, you can start testing your configuration. The test works as follows:

1. You send a test message from your system to the SEEBURGER Cloud.
2. The same message will be sent from the SEEBURGER Cloud to your system.

If you do NOT receive our message 5 minutes after starting the test, please check your settings (e.g. firewall) or contact our SEEBURGER Cloud Service Team.

After successful testing, please contact our SEEBURGER Cloud Service Team to change from test to productive mode. Contact information can be found above.

¹You can download our data sheets and certificates on the following URL: www.seeburger.com/cloud/connect-the-cloud/