SEEBURGER BUSINESS INTEGRATION

SEEBURGER CLOUD

MaKo Cloud AS4 Service: REST data sheet

Configuration data of the SEEBURGER Cloud for the REST connection

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This data sheet is intended to support you in connecting to the SEEBURGER Cloud. The first section contains information for your network administration. This department must configure your **firewall** so that the HTTPS connection can be established.

The second section contains the configuration data required to **send** data to the SEEBURGER Cloud. The third section contains the configuration data required to **receive** data from the SEEBURGER Cloud. The last section contains information on how to **test** your HTTPS connection.

Please note: The REST service of the SEEBURGER Cloud is realized via HTTP/S. The services are addressed via URL/URI. The HTTP methods specify which operation a service should perform. The HTTP method for message delivery is POST, other methods are reserved for future use. HTTP is a connection via the Internet. The SEEBURGER Cloud only supports HTTP via TLS/SSL. We recommend the use of TLS V1.2. If your system does not support TLS/SSL, please contact our SEEBURGER Cloud service team.

1. REST - Configuration of the FIREWALL

To **send** data to the SEEBURGER Cloud, please open your firewall for the following outgoing HTTPS connections:

FROM:	IP address of your HTTPS system		**TO:**	IP range:	**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 for the following incoming HTTPS connections:

FROM:	IP range:	**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		

Note: Our firewall is already open to receive your data .

2. REST - SEND data to the SEEBURGER Cloud

Our URL:	https://rest.makgw.seeburger.cloud/msg
TLS/SSL certificate:	rest.makgw.seeburger.cloud.crt [1]
certification authority (CA):	GlobalSign Root CA

Authentication type:	Use user name and password (Basic Authentication) User name: Note: The user is currently provided by your SEEBURGER consultant. Password: Note: The password is currently provided by your SEEBURGER consultant.
HTTP method:	POST
HTTP header parameters:	The following HTTP header parameters must be supported: When **sending messages** to the SEEBURGER Cloud: Required: **Username** (user name) and **Password** in the header area of Basic Authentication

Note:

The EDIFACT message is transmitted in plain text within the JSON file. Compression (gzip) or encoding (base64) is not provided.

3. REST - RECEIVE data from the SEEBURGER Cloud

Your URL:	Note: Your URL must begin with HTTPS, the use of TLS/SSL is mandatory. Please enter the full URL (including the SAP client if applicable).
Compression:	None
Your TLS/SSL certificate:	Note: An approved certification authority (CA) should issue your SSL certificate. When requesting a certificate, please use the domain name of your URL as a normal name (CN). Please do not use static IP addresses as host names.
Our certificate for authentication:	see.mako.cloud.cer[1]
certification authority (CA):	GlobalSign Root CA

Authentication type:	- Use client certificate (two-way SSL) Note: Please load the certificate msg-api.authentication.seeburger.cloud.cer intended for authentication into the certificate store for accepted client certificates of your software. - Use user name and password (Basic Authentication) Note: Please ensure that you use secure user names and passwords. User name: User of your HTTPS system Password: Password of your HTTPS system
HTTP method:	POST
HTTP header parameters:	The following HTTP header parameters must be supported: When **receiving messages** from the SEEBURGER Cloud: Required: **Username** (user name) and Password in the header area of Basic Authentication (not for two-way SSL)

Optional: Response document

A response document (JSON object) indicating that the receipt status is available should be added. An interface must be provided on the customer side for this. The same connection details apply as described above.

[1] You can download the data sheets and certificates here: **https://www.seeburger.com/de/cloud/connect-the-cloud/**