Configuration Guide

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SAP Information Collaboration Hub for Life Sciences
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ATTP Settings for ATTP to ATTP Connection

SAP Information Collaboration Hub for Life Sciences

Document History

Version	Date	Change
1.0	29-Aug-17	Initial release
1.1	17-Oct-17	• Update for SAPExtension namespace • New product name
1.2	18-Oct-17	Addition of SAP Note 2549274
1.3	18-Jul-18	New name added to graphic

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1 About this Document

1.1 Purpose and Scope

This document describes required settings for exchanges between two Advanced Track and Trace for Pharmaceuticals (ATTP) systems connected through the SAP Information Collaboration Hub for Life Sciences, formerly the SAP Pharma Network.

1.2 Target Audience

This document is for:

- Project leads
- Solution Architects
- Business consultants

1.3 Assumptions

Knowledge of the SAP Information Collaboration Hub for Life Sciences is assumed, as is knowledge of how to configure SAP Advanced Track and Trace for Pharmaceuticals (ATTP).

1.4 Related Information

- SAP Note 2468099
- SAP Note 2549274

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2 Serial Number Request and Response

Currently, if a Contract Manufacturing Organization (CMO) using ATTP requests serial numbers, the request contains the receiver's system name, and the serial number request response of the receiving MAH ATTP system contains a different name.

Because of this, the SAP Information Collaboration Hub for Life Sciences may not be able to route the response message from the MAH to the CMO, as the receiver cannot be derived from the content of the message.

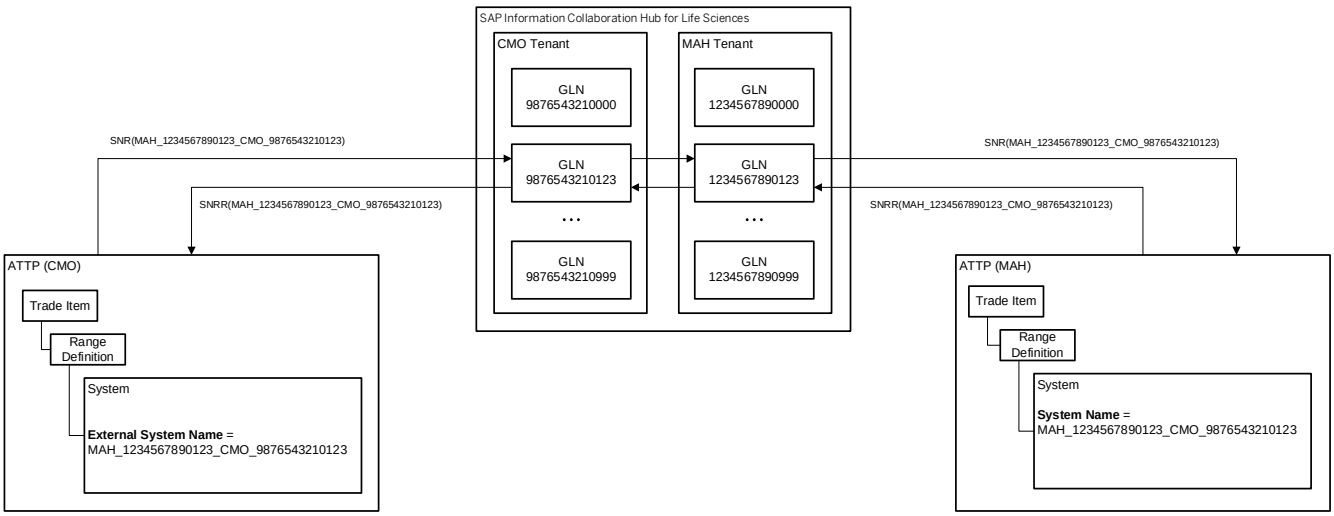
To avoid building new master data, you can use an external system name on the CMO ATTP system.

The ATTP set up described in the sections which follow enables the SAP Information Collaboration Hub for Life Sciences to route the message from the sender CMO to the receiver MAH, and to return the response, by deriving the required information from the message. The IV_System (CMO) and EV_System (MAH) parameters contain the values required.

This is a workaround until an Add-On for ATTP to include upgraded messaging services is available. Nevertheless, these settings can remain in use even if an enhanced message header includes sender and receiver information.

2.1 Architecture

The figure below shows the information flow of the two system parameters IV_SYSTEM and EV_SYSTEM. Inside each ATTP system, one trade item has an assigned range definition. Each range definition is assigned to one system only. On the CMO side, the relevant master data field is the *External System Name*, and in the ATTP system on the MAH side the System Name parameter is relevant.



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2.1.1 Definition

The definition of the two system names have a total length of 35 characters and are described as follows:

MAH_(MAH-GLN 13 digits)_CMO_(CMO-GLN 13 digits)

Example

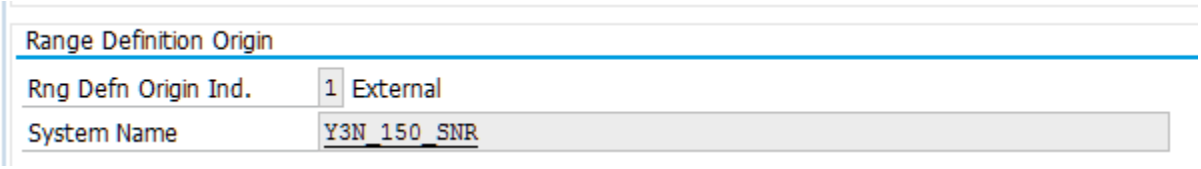
MAH_1234567890123_CMO_9876543210123

2.2 Settings in ATTP as a CMO

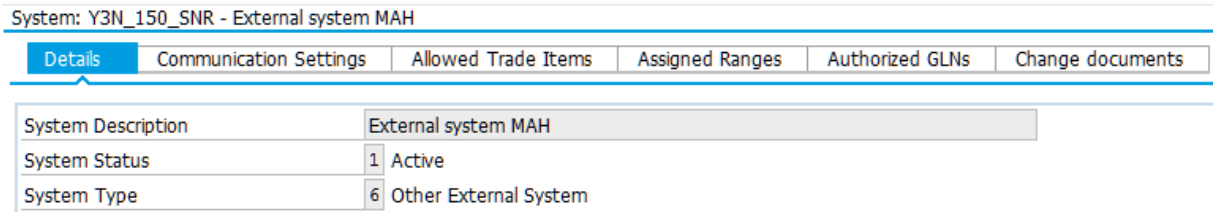
The range definition assigned to a trade item must be maintained as external, and a system name provided.

Note

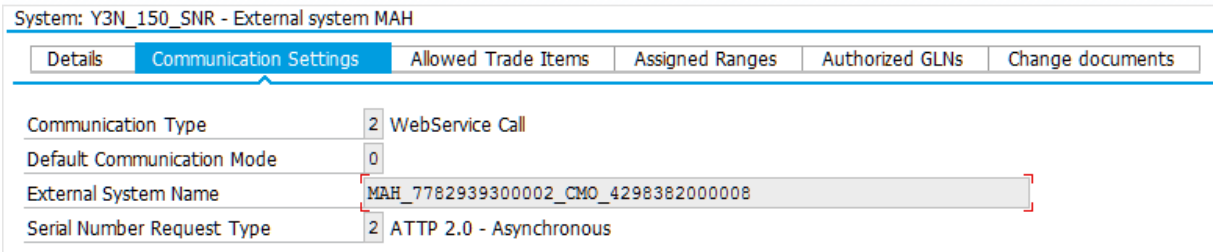
The system name has no impact on the value that is transferred to the SAP Information Collaboration Hub for Life Sciences.



Go to System Creation.



Go to Communication Settings.



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To avoid building new master data, enter an external system name.

In Change Mode, enter the external system name. If you do not enter an external system name, the standard system name is used for Serial number requests.

The result is shown in the serial number request in AIF in the CMO system:

Exception	_LINE_NR	IV_SYSTEM	IV_SIZE	IV_LIST_RA	IV_READYLY	IB_ONLY_EX	IV_ASYNC_CALL_REFERENCE	IV_COMMIT	IV_CALLER
	13	MAH_7782939300002_CMO_4298382000008	7	L			/STTP/INT_REC_SNR_REQ_ASYNC	X	E

2.3 Settings in ATTP as MAH

You must create a new system using the external system name of the partner CMO. The external system name is ignored for SNRR. Only the standard system name is taken into consideration and must be the same as the external system name of the CMO.

Go to System.

System Name	System Description	Status	System Type	System Grp
MAH_7782939300002_CMO_4298382000008	System to send serial numbers	1 - Active	6 - Other External System	

System: MAH_7782939300002_CMO_4298382000008 - System to send serial numbers

Details | Communication Settings | Allowed Trade Items | Assigned Ranges | Authorized GLNs | Change documents

System Description	System to send serial numbers
System Status	1 Active
System Type	6 Other External System

System Name	System Description	Status	System Type	System Grp
MAH_7782939300002_CMO_4298382000008	System to send serial numbers	1 - Active	6 - Other External System	

System: MAH_7782939300002_CMO_4298382000008 - System to send serial numbers

Details | Communication Settings | Allowed Trade Items | Assigned Ranges | Authorized GLNs | Change documents

Communication Type	1 RFC Call
Default Communication Mode	2 Asynchronous
External System Name	
Serial Number Request Type	2 ATTP 2.0 - Asynchronous

Go to System Assignments. Assign the System to a range.

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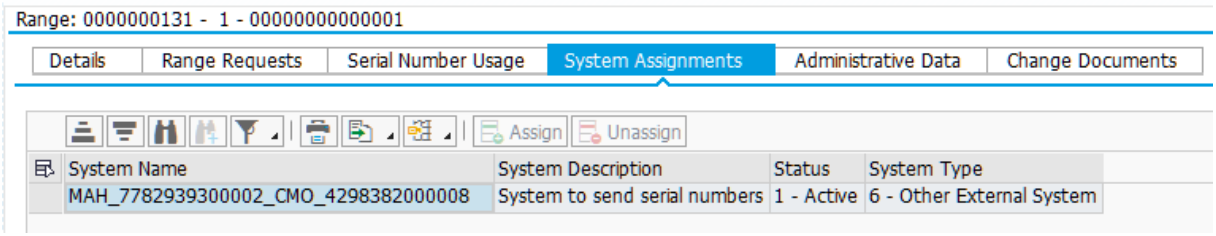
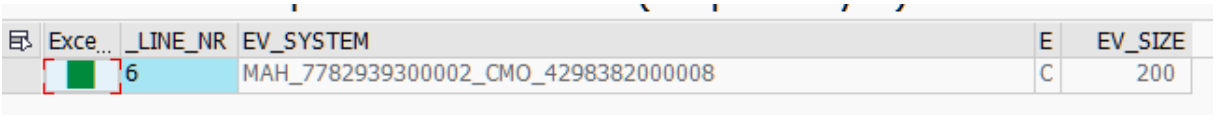


A Serial number request response in AIF Monitor of MAH ATTP is as follows.



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3 EPCIS Message Namespace

To ensure EPCIS messages are valid, you must configure a namespace or leave SAP extension without a namespace.

In general customizing, use transaction /STTP/CUSTGEN, then use the SET_NS_EPCIS_SAPEXT parameter to apply a default namespace for element <SAPExtension> in outbound EPCIS messages as follows:

Application Area/Component:	REP
Parameter Key:	SET_NS_EPCIS_SAPEXT
Optional Parameter:	<none>
Permitted Values:	X - True/Active (namespace is added) False/Inactive (Entries not maintained are considered FALSE)

Related Information

SAP Note 2468099

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4 Important Disclaimers and Legal Information

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