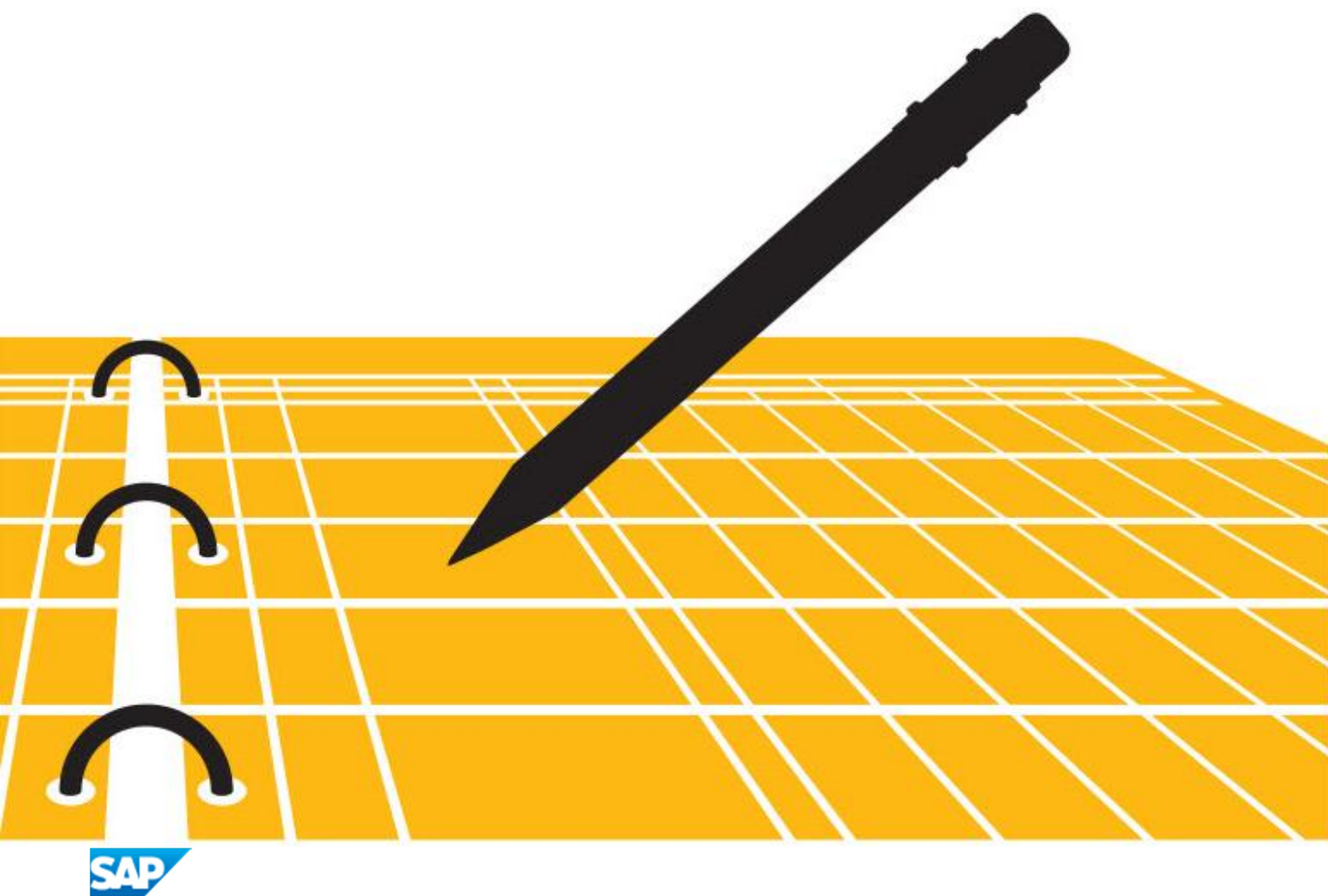


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SAP Advanced Track and Trace for Pharmaceuticals 1.0 SP1

South Korea



Typographic Conventions

Type Style	Description
<i>Example</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
Example	Emphasized words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE	Keys on the keyboard, for example, F2 or ENTER.

Document History

Version	Status	Date	Change
1.0	Final Version	2016-04-01	All topics updated

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1 About This Document

1.1 Purpose and Scope

This country-specific Configuration Guide is the documentation of steps that are required or optionally possible to configure SAP Advanced Track and Trace for Pharmaceuticals for a specific country usage. It therefore describes the configuration contents and context for country specific features that are included within SAP Advanced Track and Trace for Pharmaceuticals

1.2 Target Audience

This document is intended for the following target audiences:

- Consultants
- Partners
- Customers
- System administrators
- Support specialists

1.3 Related Information

For detailed information about the application refer to the application help:

<http://help.sap.com/attp>

For more information about the general configuration of SAP Advanced Track and Trace for Pharmaceuticals, please refer to the general configuration guide provided in the SAP Service Marketplace at:

<http://service.sap.com/instguides> → *Focused Business Solutions* → *SAP Advanced Track and Trace for Pharmaceuticals* → *SAP Advanced Track and Trace for Pharmaceuticals 1.0*.

2 Solution Overview

SAP Advanced Track and Trace for Pharmaceuticals includes country-specific contents mainly driven by the legislation within the respective country.

This mainly includes country-specific interfaces for communicating with governmental systems or supply chain partners but also may include certain additional master data or event properties including the related customizing settings.

The country specific functionality for Korea consists of the following features

- ERP Add-On for SAP Advanced Track and Trace
 - Upon goods issue of an outbound delivery from a Korean Plant the outbound delivery items and further information needed for Korean reporting are integrated as “master template raw data” to the connected SAP Advanced Track and Trace system.
- SAP Advanced Track and Trace System
 - **BAPI /STTP/KR_MSTR_TMPL_RAW_MAINT** to receive and save master template raw data from SAP ERP or another external source
 - Supply details reporting as CSV files triggered via a rule, the display transaction or the mass report
- The South Korea reporting functionality is only available with SP1 of Release 1.0

As of today the data exchange with Korea is file based and not service based.

For more detailed information about the country-specific functionality, please refer to the application help for SAP Advanced Track and Trace for Pharmaceuticals in the help portal at: <http://help.sap.com/attp>

3 Setting up the Solution

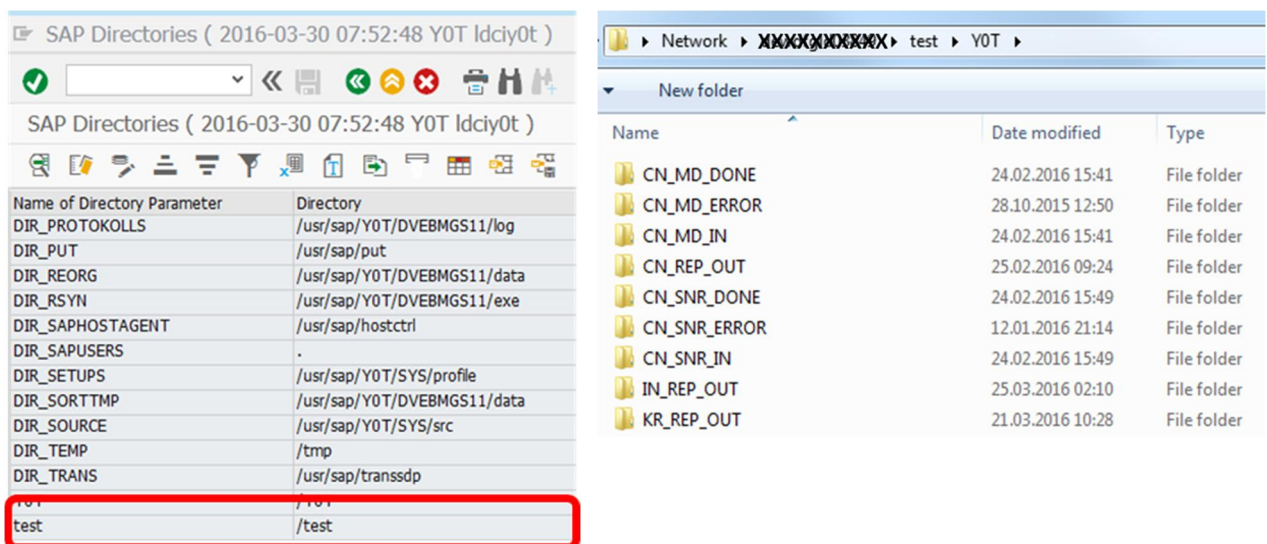
3.1 Setup file share handling

This country version is working with a file based data exchange and the files are exchanged with a file share mapped to the SAP system.

The following steps describe how to set up a file share for regular reporting functionality used in for example, the cases of India, South Korea and China. The steps below are based on an example implementation done within the SAP test landscape. There are other ways of configuring the file share handling and you may want to divert from the example in your implementation.

Preconditions

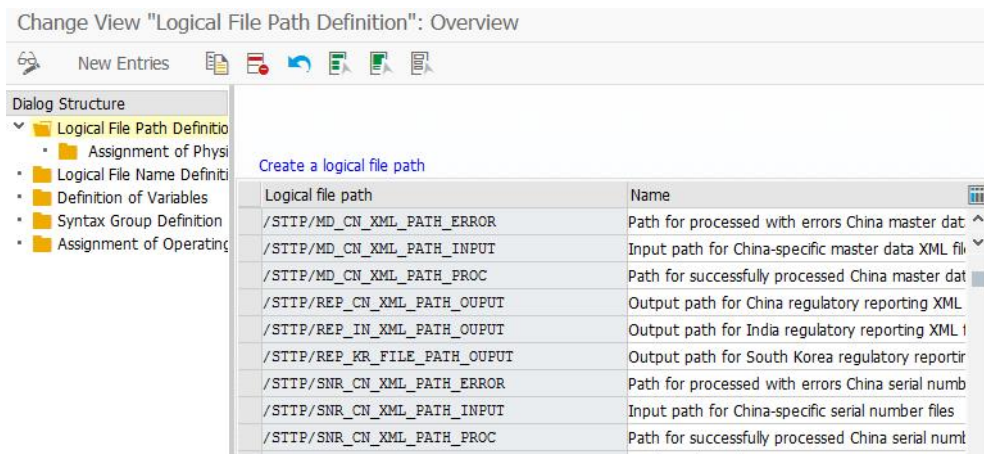
- The file share is available in the transaction [AL11](#). Example: folder "Test"



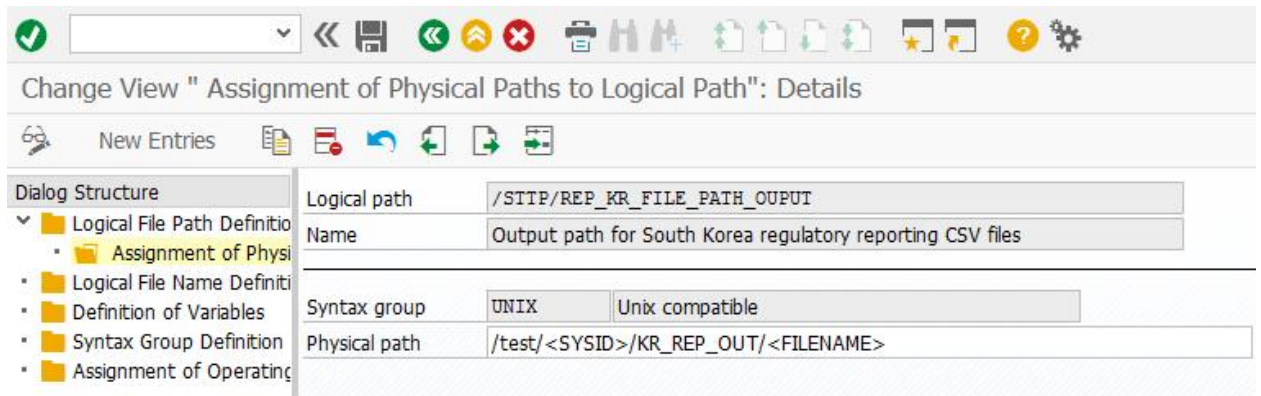
Steps

(1) Create logical path

- Go to transaction [FILE](#).
- Create logical path by clicking *New Entries*.
 - Example KR: [/STTP/REP_KR_FILE_PATH_OUPUT](#) - Output path for South Korea regulatory reporting CSV files.



3. Select created logical path and double choose *Assignment of Physical Paths to Logical Path*.
4. Maintain physical path by clicking *New Entries*. See the example screen shot given below:



- a. Fill *Syntax Group* according to your operating system.
- b. Fill *Physical path* according to your file share.
 - i. Example South Korea: `/test/<SYSID>/KR_REP_OUT/<FILENAME>`
- c. Notes:
 - i. Make sure that the maintained physical path exists in transaction **AL11**.
 - ii. `<FILENAME>` must be maintained as variable FILENAME (definition of variables) in transaction FILE

(2) General customizing for fileshare handling

Ensure that the entries needed for your country are done in general customizing (transaction `/STTP/CUSTGEN`)

Param. Application	Parameter Key	Parameter Option	Parameter Value	Description
REP	PATH_KR_FILE_OUTPUT		/STTP/REP_KR_FILE_PATH_OUTPUT	South Korea Regulatory Reporting Export Folder

3.2 General Customizing

Optionally you can maintain how the **BAPI /STTP/KR_MSTR_TMPL_RAW_MAINT** shall behave in case of errors during processing with parameter key FORCE_ALL (Application area: INT, Parameter key: FORCE_ALL, Optional Parameter: MTR). Please find the detailed documentation in the general configuration guide.

3.3 AIF Interfaces

The regulatory Reporting for South Korea is file based. So the outcome of the regulatory reporting are two CSV files which are stored on a file share location and which then have to be uploaded in a separate step to the web portal of KPIS.

The following messages are supported

- South Korea Send Supply Details Out Message

For each of these messages an according AIF interface is defined. Most messages are composed based on a rule that is also part of the delivered country-content. Some messages may be composed based on specific reports or dialog transactions that are part of the solution.

For more information about the country-specific features, please refer to the application help in the help portal at: <http://help.sap.com/attp>.

The required customizing for the AIF interfaces is included within the BC set for AIF that is part of the solution. A country-specific BC set is also provided which includes additional customizing within Advanced Track and Trace for Pharmaceuticals for that country.

You may extend the AIF interfaces based on local variants as part of the extensibility concept of AIF.

You may manipulate the data being transmitted or received through the interfaces based on according BADIs that are part of the country-specific logic within SAP Advanced Track and Trace for Pharmaceuticals.

3.4 Activating/Deactivating Master Template Raw Data Integration in SAP ERP

Upon goods issue of an outbound delivery from a Korean Plant, the outbound delivery items and further information needed for Korean reporting are integrated as *master template raw data* to the connected SAP Advanced Track and Trace system.

The integration is handled within enhancement spot `/STTPEC/ES_INT_TRN_DATA`, implementation `/STTPEC/EH_INT_TRN_DATA_KR`.

The implementation is delivered as active so it is working out of the box. In case you do not wish to integrate the data from SAP ERP you can deactivate this implementation.

3.5 Country-specific Parameters and Attributes

3.5.1 Product Properties

The following product properties for South Korea are included as part of the solution:

- `RR_KR_CONTAINER_SIZE`

3.5.2 Event BLOB

There are no specific event blob entries.

3.5.3 Event Attribute Mapping

There are no specific event attributes.

4 Enhancements of the solution

The regulatory reporting for South Korea has following places to enhance the solution through BAdIs which are described in the following subchapters.

4.1 BAdI (ERP Add-On for ATTP): Change Master Template Raw Data before Sending to Advanced Track and Trace

Enhancement spot: [/STTPEC/ES_INT_KR](#), BAdI definition: [/STTPEC/BADI_KR_MS_TMP_SEND](#).

This is the first place where you can change the content of the master template raw data that shall be integrated from SAP ECC to the SAP Advanced Track and Trace system.

4.2 BAdI (ATTP): Change after Mapping SAP Structure to AIF Interface

Enhancement spot: [/STTP/ES_REP_KR](#), BAdI definition: [/STTP/BADI_KR_NTF_AFTER_MAP](#).

This is the place where you can change the content of the regulatory reporting messages.

4.3 BAdI (ATTP): Process before Notification Uploading

Enhancement spot: [/STTP/ES_REP_KR](#), BAdI definition: [/STTP/BADI_KR_NTF_BEF_UPLD](#).

This is the place where you can manipulate the default file handling of the solution. The solution by default supports mapping to one file path and has a fixed filename. Within this BAdI you can e.g. skip the upload to the fileshare completely (CV_SKIP_UPLOAD = TRUE) and handle the storage of the file differently within the BAdI.

4.4 BAdI (ATTP): Set Notification Specific Format Attributes

Enhancement spot: [/STTP/ES_REP_KR](#), BAdI definition: [/STTP/BADI_KR_NTF_ATTR_SET](#).

Within this BAdI the mapping between ABAP field names and Korean Headers for the master template and sub template output CSVs is done. There is a default implementation delivered which handles the default mapping according to the information that was available at the time of the release of the solution.

5 Data Archiving

All data that is stored within the standard database tables that are part of SAP Advanced Track and Trace for Pharmaceuticals are archived based on the general archiving concept that is part of the solution. There are no country specific database application tables that need to be archived.

6 Volume-based License

Country-specific content is licensed separately and measured based on country functionality used. In other words, the regulatory reporting events are measured per country.

7 Disclaimer

The information stated herein is based on the feature set available in the release that is listed in the beginning of this document. SAP reserves the right to adjust and extend the configuration options of the solution in future releases. Certain options may be extended also as part of future service packs. This especially applies to additional country content that is made available.

The implementation of BAdIs is generally considered custom code and thus a resulting misbehavior of the solution is not covered as part of the general maintenance agreement for this solution. You should generally not change internal attributes that are used by the solution to control the system behavior despite that in some cases such attributes are exposed to the BAdI interfaces.

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