ASAPIO OCI Catalog Interface

Downport of the OCI interface to older SAP R/3 and SAP ERP systems as well as solutions for multiple catalogs in purchase orders, purchase requisitions and maintenance orders

ASAPIO –
your SAP Partner for Procurement solutions and Cloud Integration

- ✓ Founded in 2003 by former SAP Consulting Managers and Senior Consultants

- ✓ Headquarters at Munich Technology Center (MTZ), locations in Hamburg, Heidelberg, Stuttgart, Nearshore-Center Voronezh (RU)

- ✓ A team of 40 SAP experts with many years of experience and close cooperation with SAP

- ✓ Visit us at www.asapio.com for more information

Our scope of services:

» SAP S/4HANA Sourcing & Procurement, SAP SRM, ERP

» SAP Cloud Solutions, SAP Ariba, SAP Fieldglass and much more

» Cloud Integration via ASAPIO Cloud Integrator

» SAP Automotive Solutions and SAP PLM

» SAP ABAP, Web Dynpro and Fiori developments

» Development and implementation of ASAPIO Solutions, our add-ons for SAP Procurement solutions

ASAPIO OCI Add-On Solutions for SAP ERP

Enable your SAP ERP System for Catalog Procurement!

The ASAPIO OCI Add-Ons for SAP ERP allows you to connect your purchasing processes in SAP ERP to todays cloud catalogue platforms like Ariba Catalog and many other suppliers offering OCI interfaces.

Asapio is a German-based SAP Silver Partner, founded in 2003 and specialized in procurement topics for SAPs on-Premise and Cloud solutions including SAP SRM, SAP ERP, S/4HANA, Ariba Solutions and Ariba Network, Fieldglass and Concur.

We operate worldwide with an expert team of consultants and developers.

Please contact info@asapio.com for further details and to receive your personal offer.

ASAPIO OCI Add-Ons for SAP ERP – Availability Overview

Module	Release	OCI interface downport	Multiple catalogs	Access control for multiple catalogs
PM / PS	ECC 6.0	✓	✓	✓ / ✚
	ECC 5.0	✓	✚	✚
	Enterprise 4.7	✚	✚	✚
	Enterprise 4.6C	✚	✚	✚
MM	ECC 6.0 EhP5	✓	✓	✚
	ECC 6.0	✓	✚	✚
	ECC 5.0	✚	✚	✚
	Enterprise 4.7	✚	✚	✚
	Enterprise 4.6C	✚	✚	✚

✓ = available in SAP standard   ✚ = available with the ASAPIO Add-On

Look & Feel – Catalogs in SAP ERP Purchsae Order

✓ The Add-On adds a new button to the screen, which calls the catalog via OCI4.

✓ On click, a window opens that brings up the catalog frontend, embedded in the SAP GUI environment.

✓ After the user selected the desired catalog items, the items are transferred into the purchasing document

Look & Feel – Catalogs in SAP ERP Purchase Requistion

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ASAPIO OCI Add-On – Solution Scope

Solution Scope

- Which SAP transaction do you need the catalog interface for?
    - MM Purchase Requisition
    - MM Purchase Order
    - PM Order
- Which Item type is required for the catalog items?
    - Materials and / or Services?
- No. of catalogs to be connected to the SAP Application?
    - Single catalog or multiple catalogs?
- Catalog authorization / view concept?
    - Are typical PR/PO authorizations sufficient?
    - If further restriction is required, please name the criteria: e.g. based on plant, purchasing organization, purchasing group, custom authorization object
- Is there customer-specific mapping of master data required during item transfer?
    - Supplier master, Material master, Product categories, Units of Measures?
    - Any Customer-specific parameters or custom OCI fields?
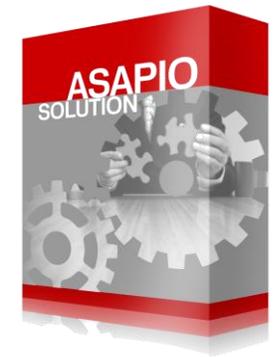
ASAPIO OCI Interface Downport – Technical Requirements

Technical requirements

- ASAPIO provides a packaged Add-On Solution for downgrading the OCI interface to earlier SAP Releases
- OCI Downgrade for MM PR & PO is supported for SAP R/3 4.6C, SAP R/3 4.7, SAP ECC 5.0
- OCI Downgrade for PM Order is supported for SAP R/3 4.6C, SAP R/3 4.7 for Services
- Customer-specific Mapping method similar to BADI ME_CATALOG_INTERFACE is optionally available
- OCI Downgrade requires a limited number of modifications to the SAP standard transactions

- For the implementation of the solutions, we required:
- Access to SAP ERP System granted via OSS / SAP Support Connection or VPN access for Asapio Developers
- Developing and debug authorizations
- A technical contact on customer side to provide access, coordinate import of the transport request, and sample data for the purchasing documents in scope.
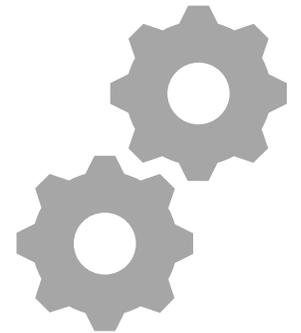
Add-On: Access Control for Multiple Catalogs

Access Control for Multiple Catalogs

Business Benefits

Why do you need the Multi Catalog option from ASAPIOs OCI Add-On Suite?

Your system supports multiple catalogs to be connnected, either as standard functionality in ERP 6 or through our downport solution described before.

- This multi-catalog interface has no access control feature.
- You like to control access to catalogs dynamically through several parameters, e. g. company code, plant, purchasing organization, roles assignment or user ID
- You might require mapping of important master data during transfer of items from the catalog to SAP ERP, e. g. supplier numbers, material groups
- You might require mapping for special data like long texts, OCI customer fields etc.

Access Control for Multiple Catalogs

ASAPIO provides a packaged Add-On Solution for selective display of multiple catalogs in SAP MM/PM:

✓ When clicking the "Catalog" button, the Add-On brings in up a pop-up window with a list of catalogs available to the end-user

✓ Purchase order, purchase requisition and plant maintenance order screens are supported

✓ The list of catalogs can be restricted based on criteria like document type, item plant code, item purchase organization, role or user ID

Access Control for Multiple Catalogs

Solution Scope

- An access filter is delivered which lists catalogs based on multiple parameters:
  - Document Type (PO, PR, PM Order)
  - Subtype (Order Type, e. g. NB)
  - Company Code (for POs)
  - Plant
  - Purchase Organization
  - Role or UserID

Field	Key	Ini...	Data element	Data Type	Length	Deci...	Short Description
MANDT	✓	✓	MANDT	CLNT	3	0	Client
DOCTYPE	✓	✓	/ASAOCI/MC_DOCT...	CHAR	2	0	Document category (PM, PO, PR)
BSART	✓	✓	/ASAOCI/MC_BSART	CHAR	4	0	Purchase document type
BUKRS	✓	✓	BUKRS	CHAR	4	0	Company Code
WERKS	✓	✓	EWERK	CHAR	4	0	Plant
EKORG	✓	✓	EKORG	CHAR	4	0	Purchasing Organization
AGR_NAME	✓	✓	AGR_NAME	CHAR	30	0	Role Name
BNAME	✓	✓	XUBNAME	CHAR	12	0	User Name in User Master Record
OCI_NUMBER	✓	✓	NUM	NUMC	2	0	Sequence number
KATALOGID	☐	☐	KATALOGID	CHAR	20	0	Identifier for allowed catalogs

- For implementation of the solution, few implicit enhancement spots (soft modification) in the SAP system are required, which will be documented.
- For catalog data returned, standard mapping tables for important master data exist:
  - Supplier master
  - Material groups
  - Contracts Mapping
  - Longtext Mapping
  - General function exit per catalog available, e. g. for custom mappings of OCI customer fields
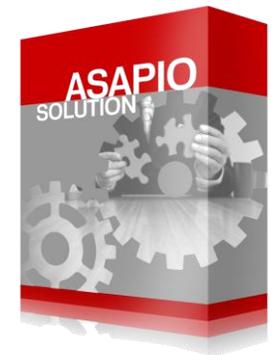
ASAPIO OCI Add-Ons – Delivery Approach

All our ASAPIO Add-On Packages contain the following services:

- You receive an SAP Transport Request for import into your ERP system, containing:
  - Customizing tables
  - Code
  - Documentation (for access control feature)
- We provide remote implementation support:
  - Implementation (developments) as required, depending on your system release
  - Necessary customizing settings
  - Implementation of enhancements can be agreed at additional costs
- Handover session is included, when the system is ready for testing

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