Open Catalog Interface and Integration to EAM

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KOHLER COMPANY

- Founded in 1873
- 52 Manufacturing Locations on Six Continents
- 30,000+ Associates
- 50+ Global Brands
- One of the Largest Privately Held Companies
- Herbert V. Kohler, Jr. – Chairman & CEO
- Mission Statement: Contribute to a Higher Level of Gracious Living
- Newest Endeavor: Kohler Original Recipe Chocolates
The Kohler Family of Businesses

KITCHEN AND BATH
Kohler Co. is a recognized global leader in kitchen and bath design. Its diversity of products and powerful portfolio of brands lead the way in design, craftsmanship and innovation – knit together by a singular level of quality over a broad range of price points.

KOHLER®, Englefield
KARAT®, JACOB DELAFON®,
SANUERA®, Mira®,
STERLING®, Dari®,
Novita®

INTERIORS
The Kohler Interiors Group, composed of internationally recognized brands Baker, McGuire, Ann Sacks and Kallista, delivers gracious living to every area of the home.

ANN SACKS®, Baker®,
Daphne®, Kallista®,
Mark David®, McGuire®,
Robert®

GLOBAL POWER
Kohler entered the power systems market in the early 1920s with the world’s first engine-driven electrical generator powered by a Kohler cast-iron gas engine. Today, Kohler provides complete power systems to the industrial, residential and marine markets including generators, automatic transfer switches, switchgear, monitoring controls and accessories. In addition, Kohler manufactures a wide range of gaseous, gasoline and diesel engines supplied worldwide.

Kohler Power Systems®, SDMO
Maughera®, UPSL
Kohler Engines®, Lombardini

HOSPITALITY AND REAL ESTATE
The Kohler Hospitality and Real Estate Group is comprised of service businesses that capitalize on the historic and environmental assets to create award-winning hospitality, world-class golf destinations and exceptional work and living communities.

The American Club®, Blackwolf Run®,
Whistling Straits®, Kohler Golf Academy
Sports Core Health & Racquet Club, Inn on Woodlake
Kohler Design Center, Riverbend
Sandhill, Kohler Waters Spa
The Shops at Woodlake, Kohler Stables
KOHLER® Original Recipe Chocolates, Old Course Hotel, Golf Resort & Spa
Kohler SAP Landscape
Live Since 1999

SAP ECC 6.0
At Vesta our customers count on us for:

- Implementing and providing system analysis for SAP’s Enterprise Asset Management solution.
- Analyzing the technology “partner” landscape and recommending the right solutions.
- Implementing solutions on time, within budget and with a clear ROI.
- Delivering cost effective asset management and performance improvements.
Vesta Partners was founded on the belief that the best run companies have something in common; solid business processes enabled by the best available technology solutions.

We Offer:

- Enterprise Asset Management Solutions
- Specialty and Technical Services
- Software Products
- Industry Solutions
As an SAP Select Consulting Partner, Vesta has the depth and experience to meet all of your SAP EAM needs. Through our propriety VTEAM methodology, Vesta’s services and products can address your industry specific needs and meet your unique business requirements.

Our services are positioned as follows:

**Enterprise Asset Management Services**
- SAP Enterprise Asset Management
- Maintenance Work Process
- Training and Workshops
- Strategy and KPI’s
Representative Customers
Vesta’s Global Presence
What is Open Catalog Interface – OCI?

- With the advent of the internet suppliers and distributors opened up new ways of searching and ordering materials. Databases with material number and descriptions were displayed on web pages, shopping systems were added and today you can use sophisticated search mechanisms to find the right tools and materials for your specific need.

- After a user selects the list of materials in the online system, they can check out and order them. The downside of this process is the loss of document flow. In order to keep track of what materials, quantities and when somebody ordered it are lost unless you re-enter it manually into the local procurement system.

- SAP implemented an interface called OCI (Open Catalog Interface) that allows the user to stay within the SAP environment, select the correct materials and conclude the procurement process from within SAP. The advantage is the combination of superior online catalog functionality with excellent business system processes.
Open Catalog Interface and Integration to EAM

- One question asked on many occasions is, “Can OCI/e-Procurement tools (ie..SRM, Ariba, etc.) and SAP Work Order procurement processes co-exist without losing the benefits of any of these tools?” The answer is yes! Today we will cover how these material catalogs that are built in collaboration with our primary vendors can be utilized from the work order via the OCI functionality.

- We will cover the benefits of utilizing OCI functionality within SAP for our end users and provide a demonstrated example of how one customer (Kohler Co.) utilizes the OCI functionality for their maintenance users.
Open Catalog Interface and Integration to EAM

- Work Order Users can access the vendor web page via the “Catalog” button located on the “Components” tab of the work order. Specific pricing for the vendor/customer combination is displayed, the user can browse the catalog items, the material(s) can be selected and placed in a shopping cart. When the user’s shopping selection is complete, the material(s) information returned into the work order.

- The catalog feature is also available on other SAP transactions (ie..requisition & PO)
OCI Benefits

The primary benefit for utilizing the Online Catalog include tremendous time saving for the Technician, Buyer or whoever needs to purchase a component to ensure that the correct part is identified and ordered. Additional benefits are:

- User Acceptance/Ease of Use
- Cost/Purchase history maintained for the work order/asset
- Elimination of re-entry of material information
- Accurate ordering of Spare Parts
- Utilizing the work, effort, and functionality of the e-catalog
- Contracted Pricing
- Impact Supplier Spend Consolidation
- Electronic Quotations
- Utilizes Standard SAP Purchasing
Demonstration

- **Create or modify a work order**
- The catalog functionality can be called from work order management transactions IW31/IW32/IW3K. The Components tab contains a button to access external catalogs on the lower right.
Demonstration – Vendor Catalog

- The list of vendors that have been established and entered in the OCI configuration is displayed. Select the appropriate vendor

![Vendor Catalog Display](image-url)
Demonstration – Vendor Catalog

- The vendor catalog opens in a window, note transaction in bottom right hand corner still indicates user is on work order transaction (this example, IW32). User browses catalog and makes selection of materials desired.
Demonstration – Vendor Catalog

- User adds to shopping cart
Demonstration – Vendor Catalog

- After user completes shopping cart selections, click on “Return to Buying Application” button
Demonstration – Vendor Catalog

- Material information brought back from web page/vendor catalog to work order for user to complete the information for purchase requisitioning
Demonstration – Vendor Catalog

- Material now added to work order, purchase requisition created when work order released/saved.
### Information Returned to WO

<table>
<thead>
<tr>
<th>Order</th>
<th>50881329</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td></td>
</tr>
<tr>
<td>Item</td>
<td>0010</td>
</tr>
<tr>
<td>Item Cat.</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ball Pein &amp; Cross Pein Hammers;</td>
</tr>
</tbody>
</table>

#### General Data

<table>
<thead>
<tr>
<th>Requirement qty</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>11.31 USD</td>
</tr>
<tr>
<td>Material Group</td>
<td>271100000</td>
</tr>
<tr>
<td>Purch. group</td>
<td>PM1 / C0R1</td>
</tr>
<tr>
<td>Agreement</td>
<td></td>
</tr>
<tr>
<td>Goods recipient</td>
<td>John Doe</td>
</tr>
<tr>
<td>Requisition</td>
<td>ko40667</td>
</tr>
<tr>
<td>Pl. Deliv. Time</td>
<td>2</td>
</tr>
<tr>
<td>Vendor Mat. No.</td>
<td>06623300</td>
</tr>
</tbody>
</table>

#### Purchasing Data

<table>
<thead>
<tr>
<th>Sort String</th>
<th>1 EA per</th>
</tr>
</thead>
<tbody>
<tr>
<td>G/L Account</td>
<td>621000</td>
</tr>
<tr>
<td>Vendor</td>
<td>38505</td>
</tr>
<tr>
<td>Unloading Point</td>
<td>Central Shelf</td>
</tr>
<tr>
<td>Tracking Number</td>
<td></td>
</tr>
<tr>
<td>GR Proc. Time</td>
<td></td>
</tr>
</tbody>
</table>
External Procurement Defaults
External Procurement Defaults

- Purchasing data:
  - Purch. Group: PM1
  - Material Group: 27110000
  - Recipient: John Doe

- External processing:
  - G/L acct
  - Unloading Point: Central Shelf

- Ext. procurement:
Helpful hints

- Be cautious of Material Group Mismatch (UNSPSC Codes)
- Limiting the Catalog Selections to Vendor Core Competencies
- Ensure the use of the catalog button is integrated into current best practice (consider bill of material process)
- Collaboration with your vendor to initiate the project for the online catalog interface. Agreement for what the products/materials that will be included and the pricing structure.
- Configuration in SAP is required
- Authorizations
Other Key Transactions for Catalog Access

- ME51N – Create Purchase Requisition
Other Key Transactions for Catalog Access

- ME21N – Create Purchase Order
Configuration for Catalog Access

- The customizing of all OCI related functionalities can be found under the following branch in the customizing:
  Plant Maintenance and Customer Service → Maintenance and Service Processing → Maintenance and Service Orders → Interface for Procurement using catalogs
Configuration for Catalog Access

Display View "Catalogs": Overview

Display View "Call structure": Overview

Display View "OCI Interface: Control Parameter PM/CS Order"
In summary, OCI is a valuable integration tool for maintenance work orders:

- Ability to utilize e-catalogs within the work order requisitioning process
- Maximizes the e-catalog functionality
- Easy of Use
- High User Acceptance
- Maintains visibility of the material and cost history on the maintenance work order
THANK YOU FOR PARTICIPATING.

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Learn more year-round at www.asug.com