

Four51 Guide to SAP OCI

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Table Of Contents

Overview	2
Getting Started.....	2
Understanding OCI	2
OCI Event Sequence	2
Supported & Unsupported Features	3
Setting Up The Service	4
Four51 Buyer Interface Configurations	4
Four51 OCI Service Configurations	5
Customer SAP System Configurations	5
Implementation	6
Additional Reference Material	6
Customer Service & Support.....	6

Overview

Open Catalog Interface (OCI) enables users of SAP procurement applications to access and purchase products that reside on your Four51 website. OCI is similar to cXML PunchOut, but in concept only. OCI is an SAP-specific standard, and uses a set of data transfer mechanisms that are unique to SAP.

This guide is intended to provide a description of Four51's OCI features and a guide to implementing OCI with your customer.

Getting Started

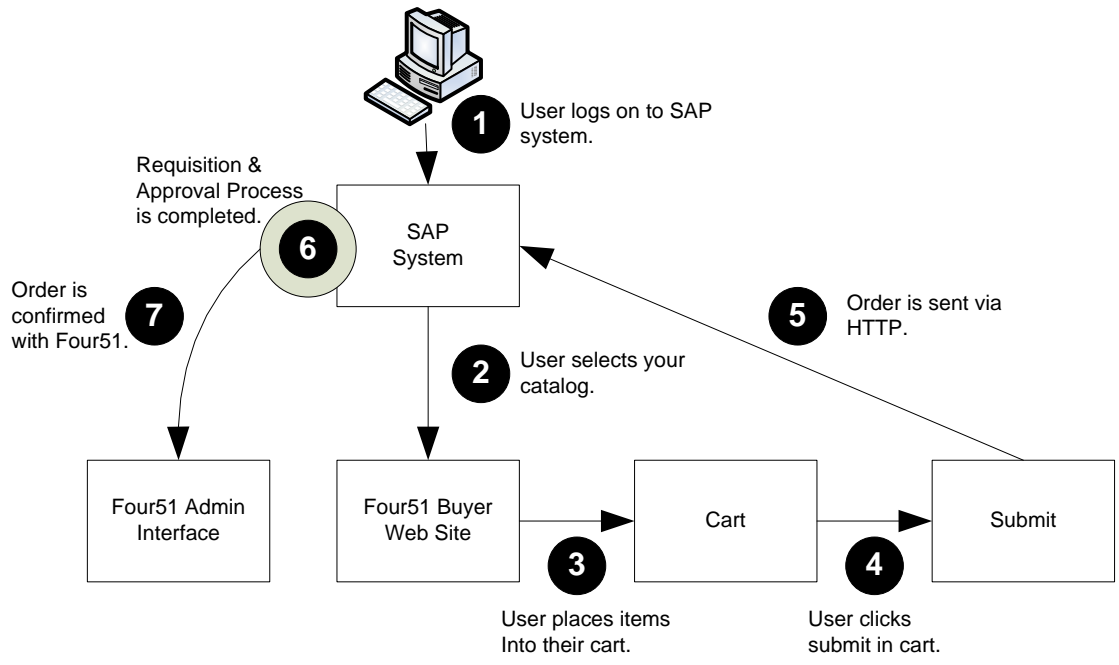
- **Understanding OCI**

What is OCI? - OCI describes the data exchange between SAP Enterprise Buyer Professional and external catalog applications and supports the procurement processes for SAP solutions. OCI enables the transmission of selected products from an external catalog to SAP Enterprise Buyer Professional. The interface makes use of the transfer mechanisms of HTTP (Hyper Text Transfer Protocol).

- **OCI Event Sequence**

An OCI session is composed of several distinct steps.

1. Users log on to their SAP system and open a new purchase order.
2. Users click a link to shop in your Four51 website, which opens a web browser and logs them into your Four51 web site automatically.
3. Users shop on Four51, and place items into their shopping cart.
4. When ready, they click Submit in the Four51 shopping cart.
5. Four51 sends the order back to the SAP system in HTTP. User is simultaneously redirected back to their SAP system.
6. The order is routed through the SAP system's established requisition and approval process.
7. The SAP System confirms the order with Four51 via a final purchase order transaction. This is typically in xCBL format. Finally, you receive customer's order in your Four51 administration interface.



- OCI Event Sequence -

▪ **Supported & Unsupported Features**

There are aspects of the OCI specification that Four51 does not support. Below is a short list of supported and unsupported features. Four51 makes every attempt to accommodate customer requirements; however, requests for unsupported features are beyond the scope of Four51's standard OCI services, and may or may not be considered for application enhancement. Four51 reserves the right to determine unsupported features and whether to consider specific OCI enhancements.

- *Catalog URL & Parameters* – Four51 supports the standard SAP catalog URL and parameters (HOOK_URL, ~OKCode, ~Target, ~Caller), and also supports some catalog specific parameters relating to a user's profile (Username, Password, Email, etc.). However, Four51 does not support additional parameters or additional functions. Unsupported functions include: Detailed Display of a Product or Service, Validation of a Product, Sourcing/Product Search, and Background Search.
- *Purchase Order Processing* –
 - Final purchase orders are accepted by Four51 only via HTTP Post in XML format. If the purchase order is in xCBL format, the document must be contained in the body of the HTTP post.
 - Specific user identification on Purchase Orders is supported only if unique users are profiled and if the submitting user is identified in the final purchase order.
- *Order Status & Tracking* – Customer's will have the ability to log on to a buyer site and lookup order history and tracking information only if unique identifiers are used to profile users.

- *Shipment Emails* – Customer's will receive a shipment email only if a valid user and email address is provided in the setup request and the final purchase order.
- *Four51 Inventory* features are not supported.
- *USAData* is not supported during OCI sessions.
- *Buyer Interface* – The Four51 buyer interface is scaled down due to the requirements of OCI.
 - The Four51 "Orders" and "Reports" button will appear only if requested.
 - The Four51 "Logout" button will not appear.
 - Four51 Cost Center features are not supported. Cost Center data is sent from the SAP system in the final purchase order.
 - Four51 Billing & Shipping addresses are not supported. Address information is sent from the SAP system in the final purchase order.
 - Four51 PO ID is not supported. PO ID is sent from the SAP system in the final purchase order.
 - Four51 Custom Order Fields are not supported.
 - Four51 Date Needed is not supported. Date needed is sent from the SAP system in the final purchase order.
 - Four51 Buyer Super User permissions are not supported.

Setting Up The Service

There are 3 sets of configurations required to setup the OCI service.

- Four51 Buyer Interface Configurations – Your organization will be responsible for these.
- Four51 OCI Service Configurations – Four51 will be responsible for these.
- Customer SAP System Configurations – Your customer will be responsible for these.

Below is a description of each of these configurations.

▪ **Four51 Buyer Interface Configurations**

You will be responsible for completing these configurations. Completion of these configurations is required before the OCI service can be configured by Four51.

Configuration		Comments
1	Buyer Catalog	Focus primarily on setting up categories and products. Custom Themes and Site Customization are supported. Do not configure features related to the checkout process: Shipping, Billing, Payment Methods, Tax, Order Fields, Cost Centers, Addresses, etc.
2	Template User	A template user is required. Create a template user as you would create any other user. The following are the minimum permission requirements: a. Place Standard Orders b. PunchOut User – If you do not find this permission in your list of permissions, contact your Four51 representative. This permission is enabled once you have subscribed to the OCI service.

- **Four51 OCI Service Configurations**

Four51 is responsible for completing these configurations. Most of these configurations require information from your customer, and are collected during the implementation process.

Configuration		Comments
1	Catalog URL & Parameters	Four51 will map the parameters passed by the SAP system to Four51 values. Four51 will provide the Catalog URL. You and your customer must provide the parameter names and values (whether static or variable).
2	Shopping Cart Mapping	Four51 will map the values of the Four51 shopping cart to the outbound transaction received by the SAP system. You and your customer must provide the required parameter names.
3	Purchase Order Mapping	Four51 will map the values of the final purchase order from the SAP system to Four51. You and your customer must provide the required information for this mapping.

- **Customer SAP System Configurations**

To interact with Four51, the customer's SAP system requires two pieces of information. This information will be provided by Four51 during the implementation process.

Configuration		Comments
1	Catalog URL	The URL to which the customer's SAP system will direct user's when logging on to Four51.
2	Purchase Order URL	The URL to which the customer's SAP system application will send purchase orders to Four51.

Implementation

A Four51 solution specialist will work with you throughout your OCI implementation until completion. Four51 will make reasonable efforts to assist you during your OCI implementation. Requests for additional services may increase your project cost and timeline.

Project timeline can vary significantly based on several factors: 1) Availability of your company's resources, 2) Availability of your customer's resources, 3) Four51 buyer site build out, 4) Other.

Below are the typical implementation steps for a standard OCI.

1. You and your customer agree to implement OCI.
2. Contact your Four51 representative to subscribe to Four51's OCI service.
3. A solution specialist will contact you to schedule and host an initial call with you and/or with your customer.
4. Four51 buyer site is constructed and OCI Template User created.
5. Customer provides OCI configuration information to Four51.
6. Four51 provides Catalog URL and Purchase Order URL information to customer.
7. Test OCI connection and event sequence.
8. Go live.

Additional Reference Material

- **SAP OCI Documentation** – <https://www.sdn.sap.com/irj/sdn?rid=/webcontent/uuid/ff03d072-0501-0010-aa88-8018506a2ebe>.

Customer Service & Support

Questions can be submitted to Four51 by submitting a case in the Four51 Customer Resource Center. This can be accessed through the knowledgebase as follows:

- Logon to your admin interface on Four51 (<http://www.four51.com/ui/logon.aspx>)
- Select "Help" in the upper right corner
- Click on "Find Answers"

In all instances we encourage you to first check whether the answer to your question has already been posted to the knowledge base. If you still need help, the please select one of the following links

- Click on the "Submit A Case Here" link in the lower right-hand side of the panel; or

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- Click on “Click Here To Submit A Case” on the home page of the knowledgebase.

Information can also be found in the Online Resource Center at <http://myaccess.four51.com>.