



GENERATE AND VERIFY SALES ORDER

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## Lesson 03 Exercise – Scan SAP Controls

### Objective

By end of this exercise, you will be able to scan an SAP application and create Modules using the XScan.

### Why is this important?

Modules are the building blocks of our automated TestCases in Tosca. It is essential to know how to scan your application to capture the necessary technical information required to steer your controls.

### Key elements:



Module Folder



Modules



XScan



Controls

### Instructions

Let's first manually walk through the SAP application so we can scan the pages we will need for our automation. After you have logged in, open the transaction "**VA01 – Create Sales Order**". You can do this by entering "**/nVA01**" in the command field\* of the SAP Toolbar. You can also navigate the SAP Menu tree structure on the lefthand side of the page to **User Menu for <>Username>> >> Order to Cash Process >>**

1. **VA01 Create Sales Order.**

\*The command field might be closed when you first log into the SAP GUI application. To open the command field, press the "**Open Command Field**" button in the toolbar.

2. Once you have opened the SAP page "**Create Sales Order: Initial Screen**", go back into Tosca and navigate to the Modules Folder. Within that Folder, expand the Module Folder "**02 Tosca SAP GUI Automation**". Within that Folder, create another Module Folder and name it "**01 Generate and Verify Sales Order**". Reorder this Folder by placing it above the "**02 Create Outbound Delivery**" Folder.

Use XScan to scan the screen "**Create Sales Order: Initial Screen**" in the SAP application and select the controls below:

3.
  - "Order Type" text box
  - "Sales Organization" text box
  - "Distribution Channel" text box
  - "Division" text box

Rename the Module "**Create Sales Order: Initial Screen: Enter Order Type and Organizational Data Fields**". Click "**Finish Screen**" to save the Module and proceed through SAP to continue scanning without closing the XScan.

4. In the SAP GUI application, manually fill in the following values and press **ENTER** to proceed to the next screen for scanning:

SAP Field	Value
Order Type	OR
Sales Organization	1000
Distribution Channel	12
Division	00

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Once you are on the "**Create Standard Order: Overview**" page in SAP, go back to the XScan and select "**Scan Screen**" to begin scanning this page. Select the controls below:

5.
  - "Sold-To Party" text box
  - "Ship-To Party" text box
  - "PO Number" text box

Rename the Module "**Create Standard Order: Overview: Enter Data in Fields**". You can click "**Finish Screen**" to save the Module and proceed through SAP to continue scanning without closing the XScan.

6. In SAP, manually fill in the following values and press **ENTER** or click the green circle with the white check mark in the SAP toolbar:

SAP Field	Value
Sold – To Party	1175
Ship -To Party	1175
PO Number	123
All Items table*: (Enter the values in 1st row):	
Item	2
Material	M-08
Order Quantity	5
Un	ST

\* We have not scanned this table yet. We will come back and add it to the Module in a later exercise.

7. Once this data has been entered, navigate using the header to **GoTo >> Header >> Sales**.

On the "**Create Standard Order: Header Data**" page in SAP, go back to the XScan and select "**Scan Screen**" to begin scanning this page. Use XScan to scan the "**Create Standard Order: Header Data**" screen and

8. select the control below:
    - "**Document Date**" text box
- Rename the Module "**Create Standard Order: Header Data: Enter Date Field**". You can click "**Finish Screen**" to save the Module and close, or press save and close the XScan.

## Hints

- » The ModuleAttributes in some of the Modules may appear in an incorrect order after scanning due to their position in the SAP code. You can drag and drop them to reorder them and adjust their positions within the Module. For example, in the Module "**Create Standard Order: Overview: Enter Data in Fields**", you may need to move the "**PO Order**" ModuleAttribute below the others to match the business flow.