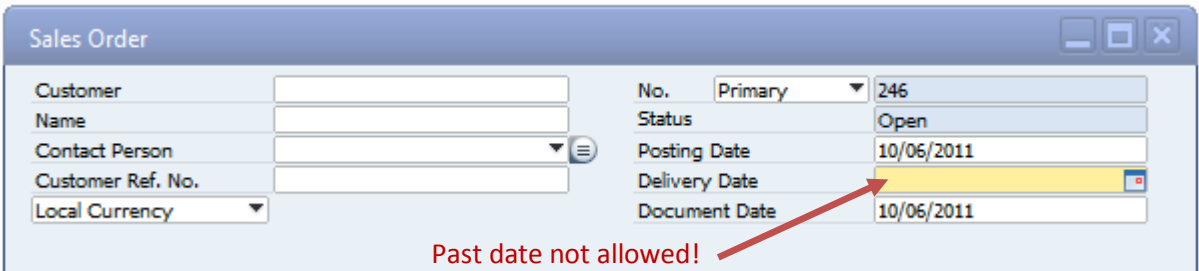


Check and block document due date in the past

Summary	
Module	B1 Validation + Universal Function
Level	Medium
Requirements	4.0.0.0

Scenario

We want to block that it is possible to set Delivery date on a Sales Order to be before current date

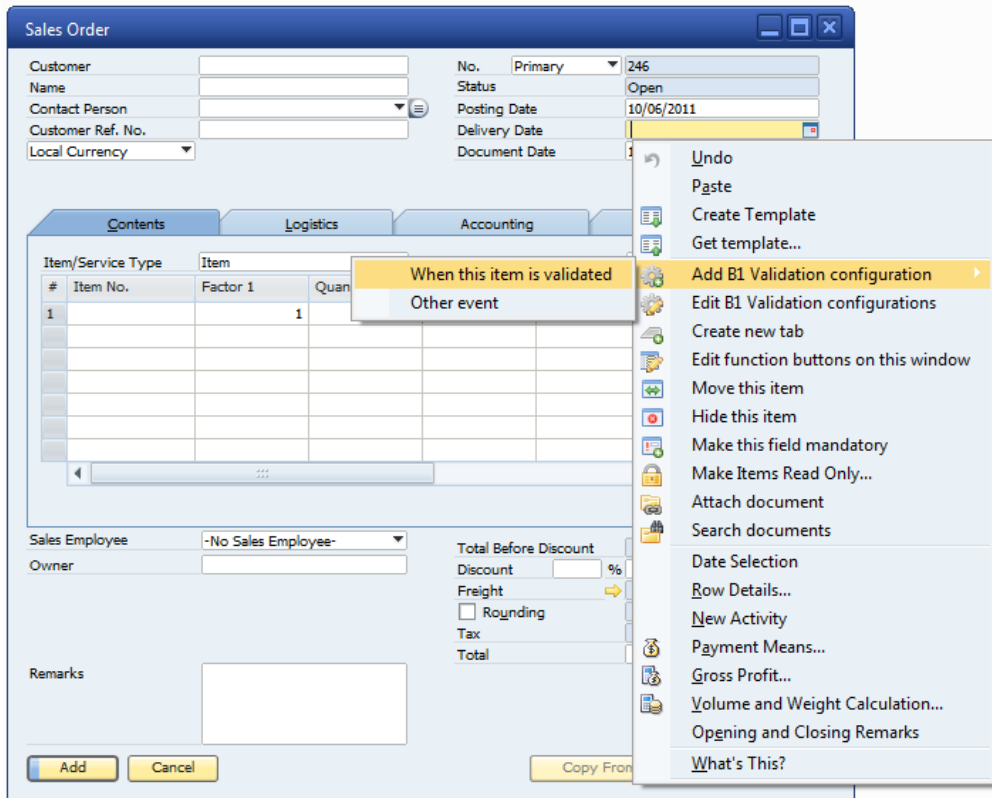


The screenshot shows a 'Sales Order' window with various fields. The 'Delivery Date' field is highlighted in yellow, and a red arrow points to it from the text 'Past date not allowed!'. The 'Delivery Date' field contains the value '10/06/2011'. Other fields include 'Customer', 'Name', 'Contact Person', 'Customer Ref. No.', 'Local Currency', 'No.', 'Primary', '246', 'Status', 'Open', 'Posting Date', '10/06/2011', and 'Document Date', '10/06/2011'.

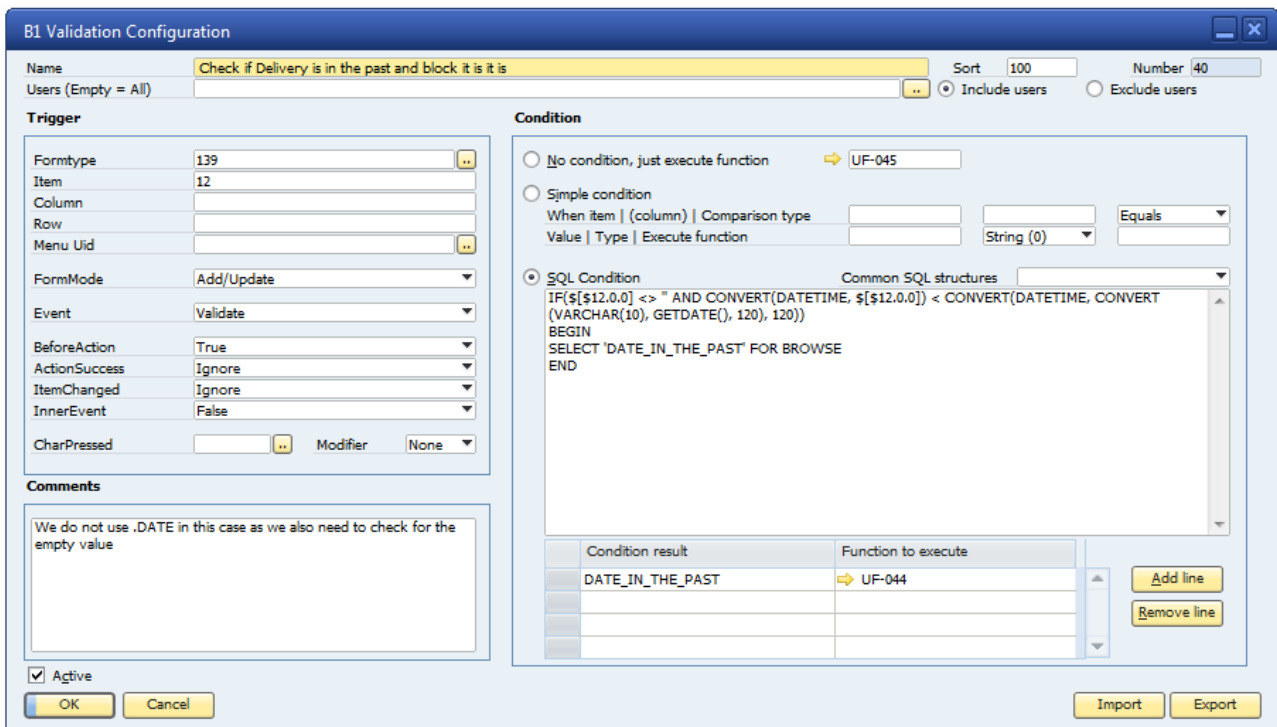
Needed Configuration

We will need a B1 Validation Configuration and a Universal Function – Message to make this custom validation.

First go to the Sales order screen and right-click on the Delivery date field and choose “Add B1 Validation Configuration > When this item is validated”



This opens up the B1 validation



The trigger is automatically ok so we concentrate on the SQL Condition.

SQL Condition Common SQL structures

```
IF($[$12.0.0] <> '' AND CONVERT(DATETIME, $[$12.0.0]) < CONVERT(DATETIME, CONVERT
(VARCHAR(10), GETDATE(), 120), 120))
BEGIN
SELECT 'DATE_IN_THE_PAST' FOR BROWSE
END
|
```

Condition result	Function to execute
DATE_IN_THE_PAST	⇒ UF-044

Add line
Remove line

In here we check the value of item 12 (delivery date). First if it is not empty and second if it is before GETDATE() (without the time part) which is the SQL way to get today's date.

SQL for copy/paste:

```
IF($[12.0.0] <> '' AND CONVERT(DATETIME, $[12.0.0]) < CONVERT(DATETIME, CONVERT(VARCHAR(10),  
GETDATE(), 120), 120))  
BEGIN  
SELECT 'DATE_IN_THE_PAST' FOR BROWSE  
END
```

If both conditions are met we launch the UF-040.

The screenshot shows the 'Universal Function Configuration' dialog box. It has a blue title bar with standard window controls. The main area is divided into sections. At the top, there are fields for 'Code' (UF-040), 'Name' (Error on delivery date), and 'Type' (Message). To the right of these is a 'Remarks' field. Below this, there is a large yellow text area for the 'Message' content, which contains the text 'Delivery Date may not be in the past'. At the bottom, there is a 'Type' dropdown menu set to 'Statusbar Error', a checked checkbox for 'Block event', and buttons for 'OK', 'Cancel', 'Import', and 'Export'.

The universal Function here is a simple Message with the text, and we configure it to be Statusbar Error (Red) and Block the event (= we will not allow the user to exit the field until it is a valid date).