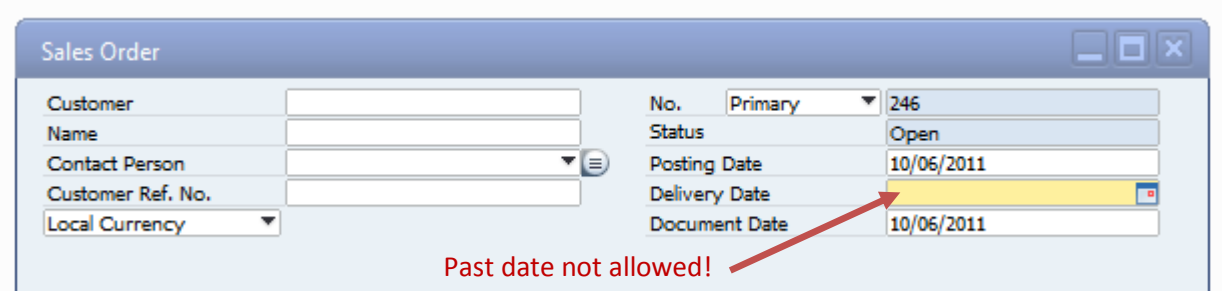
Check and block document due date in the past

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



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”

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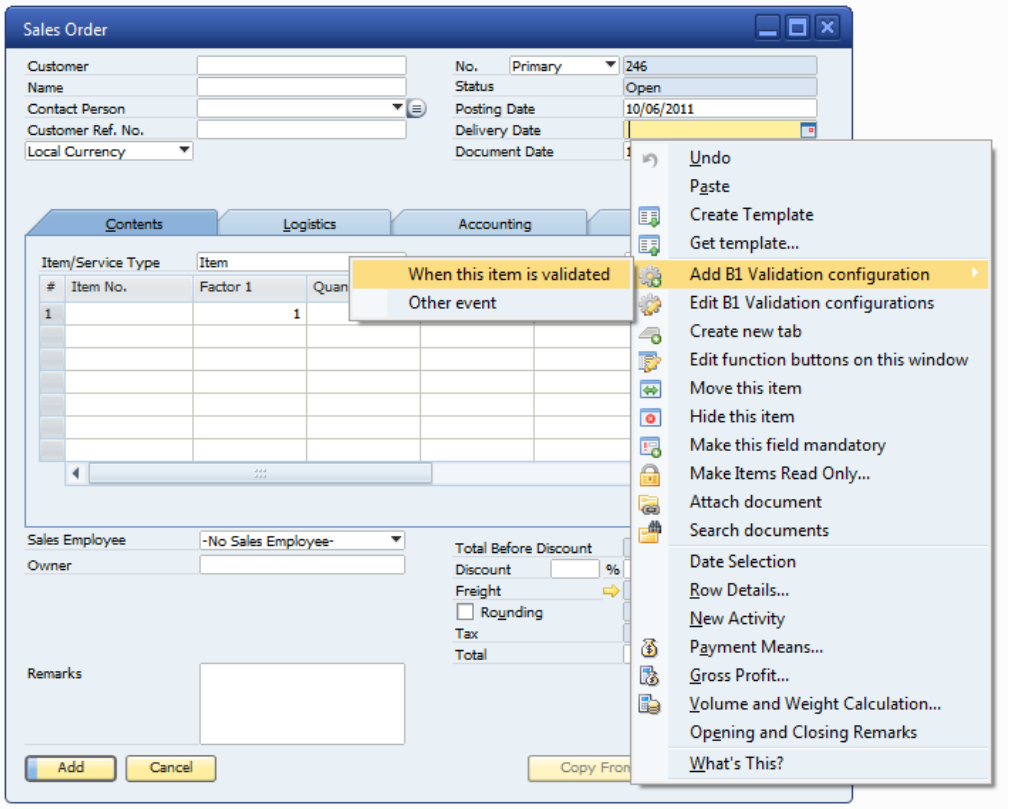
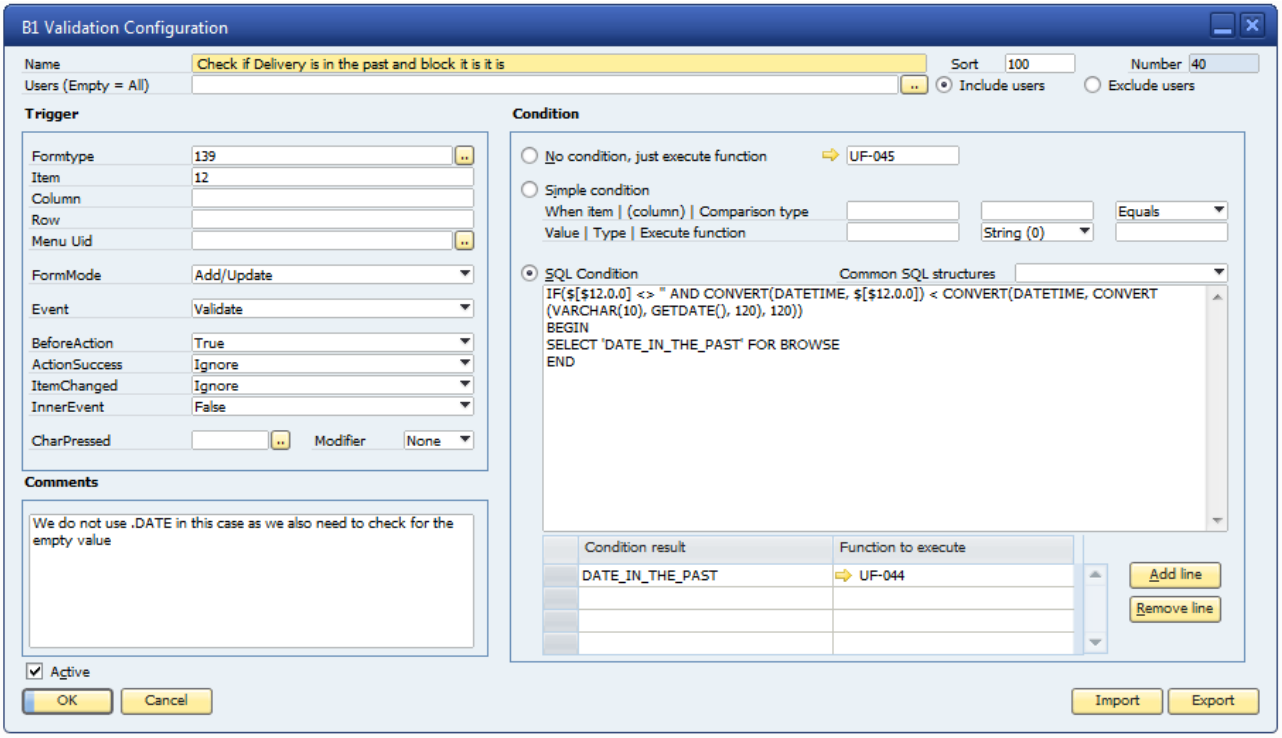
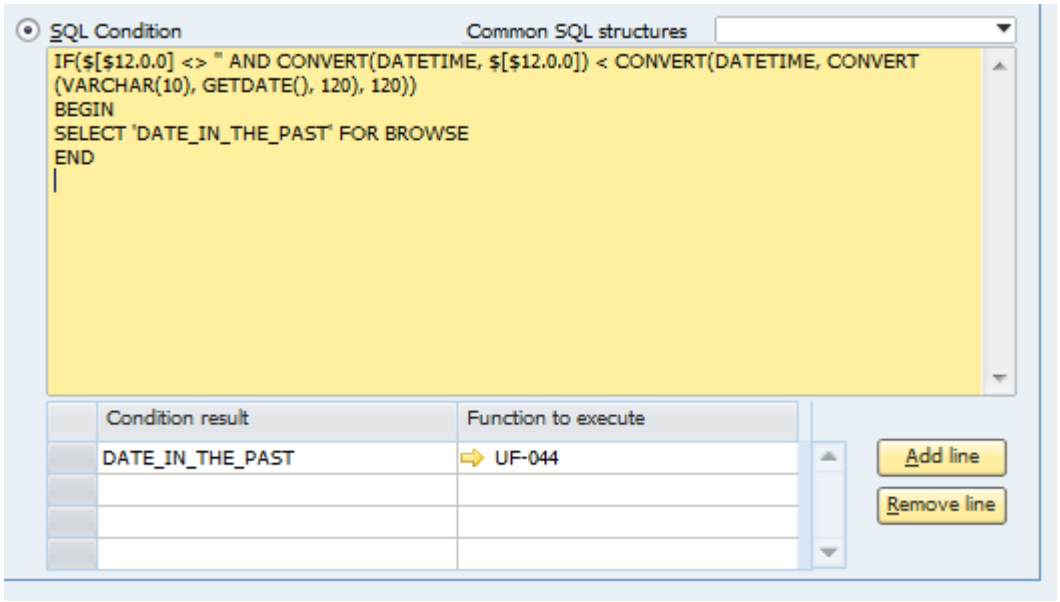


This opens up the B1 validation



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



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 todays date.

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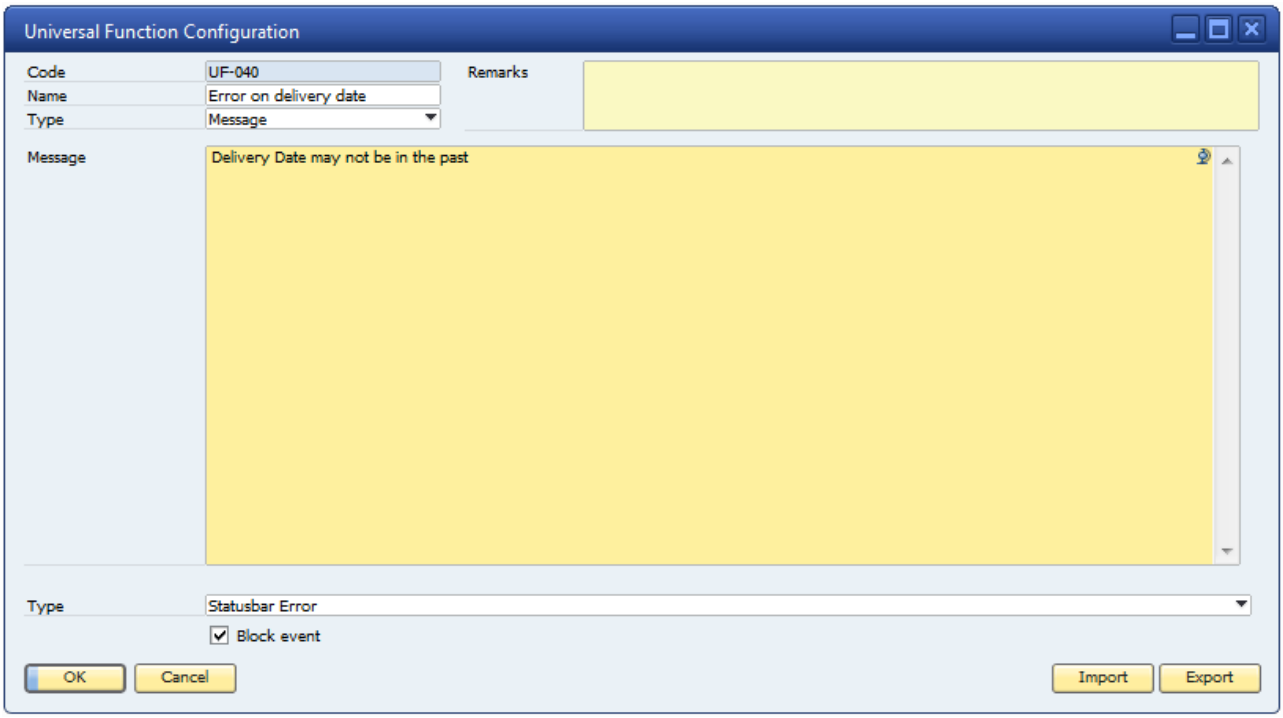
SQL for copy/paste:

```
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 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).

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