Produmex Manufacturing Customization Guide

Customization Process

The customization process for the Produmex mobile applications consists of the following steps:

- Enable the Customization Assist mode and run the client application. Check the customization information of the screen.
- Create the custom field and/or the SAP user query.
- Restart the client application and check the results of the customization.

Many screens of Produmex mobile applications are customizable with SAP Business One's queries. The used query have to be named specifically based on the screen it is used on. The query names, and parameters can be found with the help of the 'Customization Assist'. The query result column names indicate which fields to set.

Supported customization types:

- Preset field data
- Validation: The system checks if the entered values are correct during a 'validate' or a 'button' event.
- Add new fields/Hide existing fields

1. Configure and run client application

1.1. Enable the Customization Assist

To see information regarding the customization possibilities enable the Customization Assist mode.

The Customization Assist mode is only needed to see customization possibilities. It is not required to be enabled during normal operations.

Start the Produmex PDC Configuration application. On the 'Appearance' tab tick the Customization Assist checkbox to enable the Customization Assist mode.

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update: 2017/09/29 implementation:manufacturing:customizationcomplete http://wiki.produmex.name/doku.php?id=implementation:manufacturing:customizationcomplete 11:27

| Configuration | | X |
|--------------------------------------|---|-----|
| General Appearance | Language | |
| Desktop Mode Customization Assist | | |
| Font Size | AA Desktop Font size for desktop computers AA Small For 800x600 resolution | |
| | AA Normal For 1024x768 resolution, or above | ¥ |
| [Company Logo] [Tester Mode] | | F12 |
| ОК | Cancel | |

1.2. Run client application

After the Customization Assist Mode has been activated, run the Produmex client application. Go to the screen to be customized.

Press the 🌋 button on the top of the screen. The 'Customization Info of ScreenName' screen will open up.

On the 'Parameters' tab the possible parameters for customization user queries are listed with their type and current value. On the 'Events' tab the customizable events are listed. The 'Exists' checkbox indicates whether there is an existing custom query for the event or not.

| ameters Events | | | | Parameters Events | |
|------------------------------------|---------|-------------------------|---|--|--------|
| Parameter | Туре | Current Value | ^ | Event name | Exists |
| \$[ButtonCancel] | | | | BXPPSMobilePDC_StopJobScreen_Load | |
| <pre>\$[ButtonDoneAndStay]</pre> | | | | BXPPSMobilePDC_StopJobScreen_Activate | |
| \$[ButtonOK] | | | | BXPPSMobilePDC_StopJobScreen_ReActivate | |
| <pre>\$[CheckCompleted]</pre> | String | N | | BXPPSMobilePDC_StopJobScreen_ExternalScreenLoad | |
| \$[CheckSetup] | String | N | | BXPPSMobilePDC_StopJobScreen_TextBinLocation_validate | |
| CurrentOperation | Object | | | BXPPSMobilePDC_StopJobScreen_TextBinLocation_validate_after | |
| CurrentPDCBooking | Object | | | BXPPSMobilePDC_StopJobScreen_TextComments_validate | |
| Employee | Object | | | BXPPSMobilePDC_StopJobScreen_TextComments_validate_after | |
| RunningJobsOperations | Object | | | BXPPSMobilePDC_StopJobScreen_ButtonDoneAndStay_click | |
| SelectedWorkCenterJournalEntry | Object | | | BXPPSMobilePDC_StopJobScreen_ButtonDoneAndStay_click_after | |
| SelectedWorkCenterTicket | Object | | | BXPPSMobilePDC_StopJobScreen_ButtonCancel_click | |
| <pre>\$[TerminalID]</pre> | String | PMX_BUDTOSH2 | | BXPPSMobilePDC_StopJobScreen_ButtonCancel_click_after | |
| <pre>\$[TextBinLocation]</pre> | | | | BXPPSMobilePDC_StopJobScreen_ButtonOK_click | |
| \$[TextComments] | | | | BXPPSMobilePDC_StopJobScreen_ButtonOK_click_after | |
| \$[TextMinutes] | Int32 | 45940 | | BXPPSMobilePDC_StopJobScreen_TextRejectedQuantity_validate | |
| <pre>\$[TextOperation]</pre> | String | 135-2 (oPQA - Quality . | | BXPPSMobilePDC_StopJobScreen_TextRejectedQuantity_validate_after | |
| <pre>\$[TextProductionOrder]</pre> | | | | BXPPSMobilePDC_StopJobScreen_TextQuantity_validate | |
| <pre>\$[TextQuantity]</pre> | Decimal | 0.000000 | ~ | BXPPSMobilePDC StopJobScreen TextQuantity validate after | |

2. Customization

2.1. Create custom field

Open the Customization Fields table in SAP Business One via: Tools > User Defined Windows > BXCUSTFD.

| Field | Description | Value | | | | | |
|--|--|--|--|--|--|--|--|
| Field Name | This name will be used in the custom queries. On the Customization window the field will appear with this name. If the name of an existing field is added, the other properties can be changed. (For example this hide an existing field set the 'Visibility' to 'No') | Please see: Produmex Manufacturing Customization Examples | | | | | |
| Field Type | Button(13): Creates a will have a 'click' and ' event. | | | | | | |
| LabelThe displayed text. It is also possible the change the label of an existing field. | | | | | | | |
| Module | The name of the mobile solution. | BXPPSMobilePDC | | | | | |
| On External Form | Yes/No | | | | | | |
| Position Data | Object placement can be changed in this field. | x: - horizontal position (% of screen width from left) y: - vertical position (% of screen height from top) w: - width (% of screen width) h: - height (% of screen height from top) f: - font size (pixel) only on 'Button' Only integer values are allowed. Separate the different parameters with the ';' character. Example: x:1;y:70;w:50;h:9 | | | | | |
| Protected | If set to yes, the field will be displayed on the proceeding screen as well. The entered value in read-only mode. | Yes/No | | | | | |
| Read Only | Defines whether the field will be read only or not. | Yes/No | | | | | |
| Screen | The screen name. | The screen name can be found in the first line on the Customization window. | | | | | |
| Visible | Defines whether the field is displayed on the screen or not. | Yes/No | | | | | |

2.2. Create an SAP user query

Open the Query Manager in SAP Business One via: Tools > Queries > Query Manager

Create the user query.

The name of the query defines when it will be executed, therefore save it as the name of the event when you would like to run the user query.

EXAMPLE: The user query that runs when the 'GR PO' screen is loaded in Produmex Scan is 'BXMobileWH9_GoodsReceiptPOScreen_Load'

2.2.1. Supported message types

The following message types can be used in user queries for Produmex PDC:

• I: Information

A green line will appear at the footer of the screen with the message. The event will execute.

• W: Warning

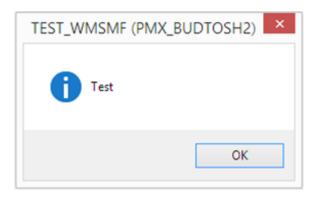
A blue line will appear at the footer of the screen with the message. The event will execute.

• E: Error

This is the default message type value. A red line will appear at the footer of the screen with the message. The event not will execute.

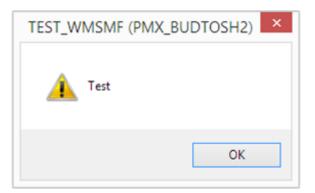
• IM: Information with message box

A pop up information message will be prompted, that needs user confirmation (OK). The event will execute.



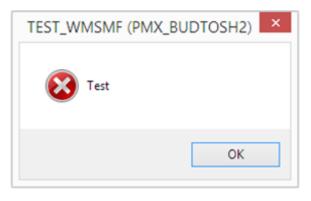
• WM: Warning with message box

A pop up warning message will be prompted, that needs user confirmation (OK). The event will execute.



• EM: Error with message box

A pop up error message will be prompted, that needs user confirmation (OK). The event will not execute.



• YM: Yes/No with message box

A pop up confirmation message will be prompted, that can be answered with yes or no. The event will execute depending on user choice.

| TEST_WMSMF (PMX_BUDTOSH2) |
|---------------------------|
| ? Test |
| Yes No |

3. Restart the application

To apply the customization restart the mobile application.

You must restart the application every time a new user query is created but it is not necessary to restart the application when modifying an existing query.

Customization Examples

1. Preset field data

With customization it is possible to preset the field data.

Enable the Customization Assist then start Produmex PDC. Go to the screen that you would like to customize and press the Customization Assist button. Because the field data is populated when the screen loads, the event to customize is the load event.

In the example we will preset the 'Quantity' value on the 'Complete Job' screen to the open quantity on the production order.

Go to the Complete Job screen and press the Customization Assist button. The event to customize is the '*BXPPSMobilePDC_StopJobScreen_Load*' event.

| Event name | Exists | ^ |
|--|--------|---|
| BXPPSMobilePDC_StopJobScreen_Load | | |
| BXPPSMobilePDC_StopJobScreen_Activate | | |
| BXPPSMobilePDC_StopJobScreen_ReActivate | | |
| BXPPSMobilePDC_StopJobScreen_ExternalScreenLoad | | |
| BXPPSMobilePDC_StopJobScreen_TextBinLocation_validate | | |
| BXPPSMobilePDC_StopJobScreen_TextBinLocation_validate_after | | |
| 3XPPSMobilePDC_StopJobScreen_TextComments_validate | | |
| 3XPPSMobilePDC_StopJobScreen_TextComments_validate_after | | |
| 3XPPSMobilePDC_StopJobScreen_ButtonDoneAndStay_click | | |
| 3XPPSMobilePDC_StopJobScreen_ButtonDoneAndStay_click_after | | |
| 3XPPSMobilePDC_StopJobScreen_ButtonCancel_click | | |
| 3XPPSMobilePDC_StopJobScreen_ButtonCancel_click_after | | |
| 3XPPSMobilePDC_StopJobScreen_ButtonOK_click | | |
| 3XPPSMobilePDC_StopJobScreen_ButtonOK_click_after | | |
| 3XPPSMobilePDC_StopJobScreen_TextRejectedQuantity_validate | | |
| 3XPPSMobilePDC_StopJobScreen_TextRejectedQuantity_validate_after | | |
| 3XPPSMobilePDC_StopJobScreen_TextQuantity_validate | | |
| 3XPPSMobilePDC_StopJobScreen_TextQuantity_validate_after | | v |

Create a new query in the Query Manager. User query name will be the name of the event.

In the example the query name will be: 'BXPPSMobilePDC_StopJobScreen_Load'.

Example query:

SELECT

```
CASE WHEN (SELECT SUM(U_BXPCoQty) FROM [@BXPPDCB00KING] WHERE U_BXPPr00I =
$[Current0peration.Code] AND U_BXPIsUnd = 'N') >
$[Current0peration.PlannedQuantity]
THEN 0
ELSE $[Current0peration.PlannedQuantity] - ISNULL( (SELECT SUM(U_BXPCoQty))
FROM [@BXPPDCB00KING] WHERE U_BXPPr00I = $[Current0peration.Code] AND
U_BXPIsUnd = 'N'), 0)
END AS TextQuantity
```

The query in the example runs when the Complete Job screen loads. It selects the completed quantities from the PDC Booking (@BXPPDCBOOKING) table using the operation code (\$[StopJobOperation.Code]). Then it subtracts the completed quantities from the Operation Planned Quantity (\$StopJobOperation.PlannedQuantity]). The query sets the value to zero if the completed quantity is greater than the planned quantity.

After the query has been added, restart Produmex PDC in order to load the customization data.

Please note: You only need to restart the application once a new query has been added. If you only add modifications to the user query, Produmex PDC doesn't have to be restarted.

2. Validation

It is possible to add validation for 'validation' and 'button' events with customization.

In the example we will set to show warning message if the user scans an operation on the 'Start Job' screen and there is no PDC booking for the previous operation of the same production order.

Go to the Start Job screen and press the Customization Assist button. For the operation validation we will use the *BXPPSMobilePDC_StartJobScreen_TextOperation_validate* event.

| Event name | Exists | ^ |
|--|--------|---|
| BXPPSMobilePDC_StartJobScreen_Load | | |
| BXPPSMobilePDC_StartJobScreen_Activate | | |
| BXPPSMobilePDC_StartJobScreen_ReActivate | | |
| BXPPSMobilePDC_StartJobScreen_ExternalScreenLoad | | |
| BXPPSMobilePDC_StartJobScreen_TextDefaultWorkCenter_validate | | |
| BXPPSMobilePDC_StartJobScreen_TextDefaultWorkCenter_validate_after | | |
| BXPPSMobilePDC_StartJobScreen_TextWorkCenter_validate | | |
| BXPPSMobilePDC_StartJobScreen_TextWorkCenter_validate_after | | |
| BXPPSMobilePDC_StartJobScreen_TextOperation_validate | | |
| BXPPSMobilePDC_StartJobScreen_TextOperation_validate_after | | |
| BXPPSMobilePDC_StartJobScreen_ButtonApprove_click | | |
| BXPPSMobilePDC_StartJobScreen_ButtonApprove_click_after | | |
| BXPPSMobilePDC_StartJobScreen_ButtonClear_click | | |
| BXPPSMobilePDC_StartJobScreen_ButtonClear_click_after | | |
| 3XPPSMobilePDC_StartJobScreen_ButtonLogout_click | | |
| BXPPSMobilePDC_StartJobScreen_ButtonLogout_click_after | | |
| BXPPSMobilePDC_StartJobScreen_ButtonStartJob_click | | |
| BXPPSMobilePDC StartJobScreen ButtonStartJob click after | | v |

Create a new query in the Query Manager. User query name will be the name of the event.

Query name: 'BXPPSMobilePDC_StartJobScreen_TextOperation_validate'.

```
DECLARE @DocEntry INT
DECLARE @LineNumber INT
DECLARE @PrevLineNum INT
DECLARE @PrevOperation nvarchar(MAX)
DECLARE @PrevVisOrder nvarchar(MAX)
DECLARE @Warning nvarchar(MAX)
DECLARE @NumberOfBookings nvarchar(MAX)
DECLARE @INPUT nvarchar(MAX)
DECLARE @a INT
SET @Warning = ''
SET @INPUT = $[TextOperation]
SET @DocEntry = 0
SET @LineNumber = 0
SET @a = CHARINDEX('-', @INPUT)
IF @a > 0 BEGIN
   SET @DocEntry = CAST(LEFT(@INPUT, @a - 1) AS INT)
   SET @INPUT = SUBSTRING(@INPUT, @a + 1, LEN(@INPUT) - @a)
   SET @a = CHARINDEX(' ', @INPUT)
   IF @a = 0 BEGIN SET @a = LEN(@INPUT) + 1 END
   SET @LineNumber = CAST(LEFT(@INPUT, @a - 1) AS INT)
END
SELECT TOP 1 @PrevLineNum = WOR1.LineNum, @PrevOperation = WOR1.ItemCode,
@PrevVisOrder = WOR1.VisOrder
FROM WOR1 WHERE WOR1.DocEntry = @DocEntry AND WOR1.U_BXPRowTy = 2
AND WOR1.VisOrder < (SELECT VisOrder FROM WOR1 WHERE DocEntry = @DocEntry
```

```
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```

```
AND LineNum = @LineNumber)
ORDER BY VisOrder DESC
IF @PrevLineNum IS NOT NULL BEGIN
    SELECT @NumberOfBookings = COUNT(*) FROM [@BXPPDCBOOKING] book WHERE
book.U BXPPrODE = @DocEntry AND book.U BXPPrODL = @PrevLineNum AND
book.U BXPIsUnd = 'N'
    IF @NumberOfBookings = 0 BEGIN
        SET @Warning = 'Warning: No PDC booking for previous operation,
continue? Operation: ' + @PrevOperation + ', line: ' + CAST(@PrevVisOrder AS
nvarchar(MAX))
   END
END
IF @Warning <> ''
BEGIN
   SELECT @Warning AS 'WarningMessage$', 'W' AS 'MessageType$'
END
```

The example query can return two results:

- 1. No warning message if the previous operations have PDC bookings or there is no previous operation.
- 2. Warning message if there is no PDC booking for the previous operation.

The user query does the following:

Parses the input (\$[TextOperation]) - the value from the screen field named Operation, separate DocEntry and LineNum. The input will be something like: '10-5', or '10-5 (Otuma...)' Checks what is the previous operation from the same Production Order. Checks if the previous operation has a booking (from [@BXPPDCBOOKING] table)

If there is no booking, returns a warning message in the result column named 'WarningMessage\$'

3. Hide existing field

It is possible to hide existing fields with customization.

Open the Customization Fields user table and add a new record for an existing field. Set the Visible value to 'No' then press the 'Update' button.

Example: In the example we hide the Default Work Center field from the Start Job screen.

Add the following record to the Customization Fields user table:

| Field Name | Module | Screen | Visible |
|-----------------------|----------------|----------------|---------|
| TextDefaultWorkCenter | BXPPSMobilePDC | StartJobScreen | No |

Restart Produmex PDC. The customized Start Job screen will look like this:

update: 2017/09/29 implementation:manufacturing:customizationcomplete http://wiki.produmex.name/doku.php?id=implementation:manufacturing:customizationcomplete 11:27

| Mobil PDC | e 😵 TEST_WMSMF (PMX_BUDTOSH2) - John Doe | - 06/20/1 | 0 | X 13 PM |
|--|---|-----------|----------|-------------------|
| Server: 17.05.31007.18920 Client: 17.05.31007 | Start Job | | * | () |
| | | | | |
| Operation | 56-1 (oPAS - Bike Assembly - 56) | | | F12 |
| Work Cent | er wAS (Assembler Team) | | F11 | F12 |
| Start Se | tup ^{FL} Start Job ^{F2} Admin ^{F3} Clear ^{F4} Logout ^{Esc} | | | |
| Ē | | | | |

4. Button customization

It is possible to set an event to trigger a button event.

Example: Automatically press the 'Login' button after the employee code has been added on the LOGIN Screen.

Query name: BXPPSMobilePDC_LoginScreen_TextEmployeeID_validate_after

```
IF $[TextEmployeeID] <> ''
BEGIN
SELECT 'ButtonLogin' AS 'Click$'
END
```

5. Custom message

It is possible to add custom messages to the events.

Example: Display a warning message if the Employee ID is not added before pressing the 'Login' button.

Query name: *BXPPSMobilePDC_LoginScreen_ButtonLogin_click*

```
IF $[TextEmployeeID] = ''
SELECT 'Scan Employee ID' AS 'Message$', 'E' AS 'MessageType$'
```

For more information about the supported message types please see: Supported message types

6. Save the Destination Bin Location for the employee

This customization will save the last added bin location on the Products screen. When this screen next loads to the employee, the Bin Location code will be automatically filled. This way if the employee uses the same destination bin location, (s)he does not have to re-enter it.

Create a new user table in SAP Business One. (In the example: PDC_TOBL). Register the new user table as an object.

| # | Table Name | Description | Object Type | Archivable | Archive Date | 7 |
|-----|-------------------|---------------------------|-------------|------------|--------------|----|
| 86 | BXPSYNCQ | SyncQueue | No Object 🔻 | | | |
| 87 | BXPTCCONF | ThinClientConfiguration | No Object 💌 | | | |
| 88 | BXPTIMEUNITS | TimeUnits | No Object 💌 | | | |
| 89 | BXPTOOL | Tool | No Object 💌 | | | |
| 90 | BXPTOOLFEAT | ToolFeatures | No Object 🔻 | | | |
| 91 | BXPTRANCUST | TranslationCustomization | No Object 🔻 | | | |
| 92 | BXPUDFCOPYBOMPRO | UDFCopyFromBoMToProdOrder | No Object 🔻 | | | |
| 93 | BXPUSRLC | UserLicense | No Object 🔻 | | | |
| 94 | BXPWCJRNL | WorkCenterJournal | No Object 🔻 | | | |
| 95 | BXPWCTCKTS | WorkCenterTickets | No Object 💌 | | | |
| 96 | BXPWCTCKTTP | WorkCenterTicketTypes | No Object 💌 | | | |
| 97 | BXPWORKCENTER | WorkCenter | No Object 💌 | | | |
| 98 | BXPWORKCENTERFEAT | WorkCenterFeatures | No Object 💌 | | | |
| 99 | RYP///ORK10URNAL | Work Journal | No Object 🔻 | | | 33 |
| 100 | PDC_TOBL | PDC To Bin Location | No Object 💌 | | | - |

Add the following fields to the user table: [Tools>Customization Tools>User Defined Fields-Management]

- Employee ID (empID)
- To Bin Location (ToBL)

| ategory | Title | Description | |
|---------------------------|-------|-------------|---|
| ShiftPlanDay | | | |
| SyncObjectConfig | | | |
| SyncQueue | | | |
| ThinClientConfiguration | | | |
| ▶ TimeUnits | | | |
| Tool | | | |
| ToolFeatures | | | |
| TranslationCustomization | | | |
| UDFCopyFromBoMToProdOrder | | | |
| UserLicense | | | |
| WorkCenterJournal | | | |
| WorkCenterTickets | | | |
| WorkCenterTicketTypes | | | |
| ▶ WorkCenter | | | |
| WorkCenterFeatures | | | |
| Work Journal | | | _ |
| ▼ PDC To Bin Location | | | |
| | empID | Employee ID | |
| | ToBL | ToBin | |

Define the employees on the user table.

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| | | | _ | | | | | | | | |
|-------|---|--------------|-------------|---|-----|------------------------|------------|-------------|-------|---------------------------|---------------|
| Tools | s <u>W</u> indow <u>H</u> elp | | | BXPRESCAPSEG - ResourceCapacitySegment | | | | | | | |
| 6 | Layout Designer Scheduled Report Overview Dervasive Analytics Excel Report and Interactive Analysis Designer Preview External Crystal Reports File Form Settings | Ctrl+Shift+S | s | BXPRESCAPSEG - ResourceCapacitySegment BXPRESFEAT - ResourceFeature BXPRESFEAN - ResourcePlan BXPRPTPF - ReportType BXPRPTTP - ReportType BXPSEQUENCE - Sequence BXPSEIHIFT - Shift BXPSHIFT DAYTYPE - ShiftDayType | | 3 | | | | ₫ , <mark>2</mark> | Look up menus |
| | Edit Form UI Change Log Access Log | | | BXPSHIFTDAYTYPE - ShiftDayType BXPSHIFTPLAN - ShiftPlan BXPSHIFTPLANDAY - ShiftPlanDay | PD | C To Bir | Location | | | | |
| | Searc <u>h</u> Queries | Ctrl+F1 | , | BXPSYNCOBJC - SyncObjectConfig BXPSYNCQ - SyncQueue | # | Code 01 | Name 01 | Employee ID | ToBin | | 7 |
| | SAP <u>B</u> usiness One Studio Suite <u>My</u> Menu My Shortcuts User_Defined Values User-Defined Windows | Shift+F2 |))) | BXPTCCONF - ThinClientConfiguration BXPTIMEUNITS - TimeUnits BXPTOOL - Tool BXPTOOLFEAT - ToolFeatures BXPTRANCUST - TranslationCustomization | 2 3 | 02 | 02 | 2 | | | |
| | Cackpit Cackpit Customization Tools Default Forms Live Collaboration Send to Conversation | |))) | BXPUDFCOPYBOMPRO - UDFCopyFromBoMToProdOrder BXPUSRLC - UserLicense BXPWCJRNL - WorkCenterJournal BXPWCTCKTS - WorkCenterTickets BXPWCTCKTP - WorkCenterTicketTypes BXPWORKCENTERFEAT - WorkCenterFeatures BXPWORKCENTERFEAT - WorkCenterFeatures BXPWORKIOURNAL - WorkJournal | | ОК | Cancel | | | | |
| | | | | PDC_TOBL - PDC To Bin Location | | | | | | | |

Add the following user queries:

6.1. Save the destination Bin Location to the employee

This query will save the added destination Bin Location to the U_ToBL field.

Query name: BXPPSMobilePDC_ProductsAdvScreen_TextBinLocation_validate_after

Example query:

```
IF (SELECT ISNULL ([@PDC_TOBL].U_TOBL,'')
FROM [@PDC_TOBL]
WHERE U_empID = $[Employee.EmpNumber]) <> $[TextBinLocation]
UPDATE [@PDC_TOBL] SET [U_TOBL]=$[TextBinLocation] WHERE U_empID =
$[Employee.EmpNumber]
```

6.2. Load the saved Bin Location

This query will populate the Bin Location field with the saved value when the screen loads.

Query name: BXPPSMobilePDC_ProductsAdvScreen _Load

Example query:

```
SELECT
(SELECT [@PDC_TOBL].U_ToBL FROM [@PDC_TOBL] WHERE U_empID =
$[Employee.EmpNumber])
AS 'TextBinLocation'
```

How to customize the Produmex Manufacturing Reports in MSSQL

Produmex Manufacturing offers and easy solution for report customization with Crystal Reports. *Please note: This document describes the custom report creation procedure in MSSQL.*

In our example we will include the foreign name of the operation on the Job Requirements report under the operation name.

| Operation: | oPAS - Bike Assembly | Operation ID: | 00048789 |
|------------|-----------------------------------|----------------------------------|----------|
| | Begin Date&Time:02/19/17 04:12 PM | Production Order: 579 / 4 | |
| | Before Time: 0.00 [min] | Product Code: p1001-1 - Red Bike | |
| | After Time: 0.00 [min] | | |
| | mM1001 Painted Bike Framework | 1.00 | |

Open the report. On the 'Select Report Layout' form select a base layout on the grid then click on the 'New' button to create a new layout.

In the example we will open the Job Requirements Report.

| | obReq 🗸 | Language | In_Englis | 511 | • |
|-----------------------|--------------|--------------------|-----------|--------------|---|
| Report Layout | | File | | Printer Name | |
| Job Requirements (bas | e) (default) | RL_JobRequirements | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Add the 'Layout Name' and the 'Filename' then click on the 'Add' button. The base layout will be copied to the new layout.

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| Based on layout name | Job Requirements (base) | |
|----------------------|-------------------------|--|
| Based on filename | RL_JobRequirements | |
| ayout Name | | |
| Filename | | |
| Printer Name | | |

After adding the custom layout, select it on the grid. Click on the 'Edit Layout' button and open the layout with Crystal Reports.

| How o | o you want to open this file? | |
|-------|--|---|
| r | Adobe Acrobat Reader DC | ^ |
| ¥ | Crystal Reports | |
| Ø | Internet Explorer | |
| M | Microsoft Visual Studio Version Selector | |
| | Notepad | |
| 6 | Office XML Handler | ~ |

After the layout has been opened in Crystal Reports, setup the ODBC connection between the report and the database. On the Field Explorer right click on 'Database Fields' and select 'Database Expert' option.

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|------------------|
|------------------|

| 9 | Crystal Reports for SAP Business One - [CU_JobRequirements] |
|---|---|
| <u>File Edit View Insert Format Database Report Window Help</u> | |
| i 🗅 🧀 - 🔛 🖧 🔯 🕹 🕹 🛍 💉 🕫 - 🗢 - 1 🖬 🖶 😥 👷 🔛 IA | |
| · · · · · · · · · · · · · · · · · · · | |
| j 🔤 😑 Σ 🟥 🛱 🔨 🗤 🗆 🗖 🔙 🥎 🔕 j 🟮 😑 🕮 🛃 🌱 🚽 🖨 🛧 🌾 🖂 🖩 🧶 🔯 j 🥺 🔕 Μ 🖪 | ► H |
| Field Explorer # × CU_JobRequirements × | |
| 🙂 🕗 🖺 🕑 🕽 Design | |
| Database Field Database Expert Database Expert | •••••• |
| 🛚 🧰 BXPPS Set Datasource Location · RJ_JobReq_Header.rpt | |
| WOR1 Uog On or Off Server Report Name: Job Request | Created with BxPPS for SAP Business One |
| Image: Big Parameter Show Field Type Show Field Type | |
| | Operation [D:] Code] |
| Group Header #20: BXPPSPRODORDEROPEI After Time: @ OperBefTm & Uom After Time: @ OperAftTm & Uom | Production Order, @ProdOrder&Line Product Code, @ProdCode&Name |
| Details (@ResourceType @WcCode&Name TOP: OperationCode | المعادية المعادية (Code) erationCodeScanned |

On the opening 'Database Expert' form open the 'Create New Connection' folder and click on the 'OLE DB' folder. On the OLE DB form chose '*Microsoft OLE DB Provider for SQL Server*' as the Provider. Click on 'Next' to proceed.

| Browse the data source for the tables you war (Note: to edit the alias for a table, select the table in the press the F2 key) Available Data Sources: | | or Selected Tables: | | |
|--|--|---|------|--|
| My Connections | _ | OLE DB (ADO) | × | |
| | OLE DB Provider Select a provider from th | e list or select a data link file. | | |
| ADO. NET (XML) ADO. NET (XML) ADO. NET (XML) Database Files Exchange 5.5 Message Tracking Log Exchange Message Tracking Log Field Definitions Only Fiels System Data ADO. NET (XML) Mailbox Admin Mailbox Admin Mailbox Admin Mailbox Admin Mailbox Admin Mailbox Admin ODE OB (ADO) ODE DB (ADO) OUtlook (Exchange Outlook/Exchange Public Folder ACL Public Folder Admin Public Folder Admin Public Folder Admin Public Folder Admin Public Folder Agplica Web/1/IS Log Files Malbox More Data Sources | Provider: | Microsoft Jet 4.0 OLE DB Provider Microsoft Office 12.0 Access Database Engli Microsoft Office 15.0 Access Database Engli Microsoft OLE DB Provider for Analysis Servi Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for Soarch Microsoft OLE DB Provider for Soarch Microsoft OLE DB Provider for Soarch Microsoft OLE DB Provider for Soarch | * | |
| | Use Data Link File: Microsoft Data Link File: | | | |
| | < Back Next | > Finish Cancel H | lelp | |
| | | | | |

On the next screen add the connection information. Select the local server as the 'Server' and enter the User ID and Password. Then select the database from the dropdown menu and click on 'Next'.

Please note: It is possible the use the custom report in a different company as well, because the Produmex Manufacturing add-on will always set the Server and the Database name to the currently connected Company database.

| Server: | PMX_BUDTOSH2 | ~ |
|----------------------|---------------|---|
| User ID: | sa | |
| Password: | ••••• | |
| Database: | Manufacturing | ¥ |
| Integrated Security: | | |
| | | |

On the next screen click on 'Finish'.

| dvanced Information | hu da dela altabia alta a | | | |
|---|---------------------------|------------------------|--|--|
| Update the property value property and press the "Ed | | roperty, or select the | | |
| | | | | |
| Name | Value | | | |
| Locale Identifier | 1033 | | | |
| Connect Timeout | 15 | | | |
| General Timeout | 0 | | | |
| OLE DB Services | -5 | | | |
| Current Language | | | | |
| Auto Translate | -1 | | | |
| Initial File Name | | | | |
| Use Encryption for Data 0 | | | | |
| Replication server name connect option | | | | |
| Tag with column collation wh | ien possible 0 | | | |
| | | | | |
| < | | | | |
| Add Property | Edit Value | Remove Property | | |
| | | | | |
| | | | | |

The database is added to the OLE DB folder.

| | Database Ex | pert × |
|---|-------------|---|
| | - | ant to add. ne 'Selected Tables' tree and click on it or |
| press the F2 key) Available Data Sources: | | Selected Tables: |
| OLE DB (ADO) Make New Connection MAKE New Connec | ~ | BXPPSDataSetModel BXPPSPRODORDEROPE BXPPSRESALLOCATION WOR1 |
| | | OK Cancel Help |

Then select the database table that contains the field you would like to add and click on the right arrow to add it to the 'Selected Tables'.

In our example we would like to add the foreign name of the operation to the report. In order to do this, we have to add the OITM table (Item Master Data).

| press the F2 key) | - | le in the 'Selected Tables' tree and click on it or |
|-------------------------|---|---|
| Available Data Sources: | > > < | > WOR1 |

Define the file path to the BX PPS Data Set Model by clicking on the 'Links' tab. Browse the BxPPSDataSetModel.xsd file after clicking on the '...' button on the 'ADO.NET form. Then click on 'Finish'.

The default file path is: C:\Program Files\SAP\SAP Business One\AddOns\BXP\Produmex Manufacturing\BxPPSDataSetModel.xsd

| • | | ADO.NET (XML) |
|---|--|---|
| Data Links Browse the data (Note: to edit the a | Connection Please enter connection in | fomation |
| press the F2 key) Available Data So | File Path : | PPS\BxPPSDataSets\BxPPSDataSetModel.xsd |
| | Class Name: Use DataSet from Class: | |
| | | |
| | | |
| | | |
| < | | |
| | < Back Next > | Finish Cancel Help |

On the Links tab the links between the table records are shown. These links are created automatically and might not be correct for the customization goals. Correct the links by deleting the wrong ones and creating new links. Click on the 'OK' button.

| WOR1 ItemCode ItemName ItemName ItemNo ItemName LineNumber ItemSet Image: State of the state of t | Auto-Arrange Auto-Link By Name By Key Link Order Links Clear Links Delete Link Link Options Index Legend |
|---|--|
|---|--|

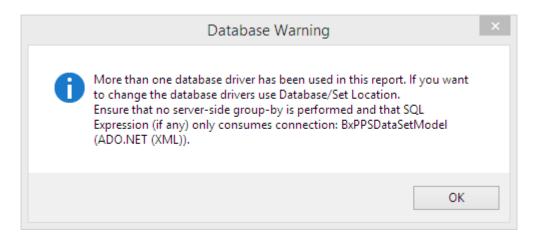
In the example the 'Item Name' field form the OITM table was linked automatically to the WOR1 table. First we delete this link then we create the new one by connecting the Operation Code from the BXPPSPRODORDEROPER table to the Item Code on the OITM table.

Last

update: 2017/09/29 implementation:manufacturing:customizationcomplete http://wiki.produmex.name/doku.php?id=implementation:manufacturing:customizationcomplete 11:27

| WOR1 ItemName ItemNo LineNumber IneNumber MainProductName MainProductName MainProductName MaxParallelOperation: Message MinlobQuantity OperationBreak OperationBreak OperationBreak OperationBreak OperationDescription OperationText OverlappingQuantity OverlappingTime PictureName | Data Links Link together the tables you added Linking is needed to match records of one | table with corresponding records of another table. | × |
|---|---|--|---|
| | ItemName ItemNo LineNumber | OITM BXPPSPRODORDEROPER MainProductName MaxParallelObQuantir MaxParallelOperation: Message MinJobQuantity OperationBreak OperationCode OperationName OperationText OverlappingTime PictureName | |

A database warning will pop up. Click on the 'OK' button to acknowledge the message.



Select the field to add to the report on the 'Field Explorer' module and simply drag and drop it to the report.

| A | | SAP Crystal Reports for SAP Business One - [CU_JobRequirements] |
|---|---|--|
| <u>File Edit View Insert Format Database Report</u> | <u>W</u> indow <u>H</u> elp | |
| i 🗅 😂 • 🔡 📇 🗅 🗔 🛋 🗼 🖻 🗳 🍨 • | e - 🗉 🗃 🖗 😥 💱 📑 | |
| i Arial 🔹 10 👻 🗚 🖈 🖪 🖌 | ⊻ 📕 ≣ 🗏 🔳 🗛 - 🗄 |] - ≖ ፼ _9 \$ * % ℃ ℃ |
| έ 🖪 🗄 Σ 🚍 🗒 🔪 🗆 🖪 🖬 🚷 | $\exists \mid \underbrace{\mathbb{A}}_{\mathbb{B}} \stackrel{\bullet}{\to} \underbrace{\mathbb{A}}_{\mathbb{A}} \stackrel{\bullet}{\to} \neg = \underbrace{\mathbb{A}}_{\mathbb{A}} f_{\mathbb{A}}$ | S □ □ |
| Field Explorer 🕺 🙏 🗙 | CU_JobRequirements × | |
| 😌 🕘 📑 🖉 🕆 🐘 🗙 | Design | |
| Database Fields A BXPPSPRODORDEROPER | | ····1····1····2···1····3····4····5··· 0 1····6···1····7···1·· |
| BXPPSRESALLOCATION | Report Header . | RJ_JobReq_Header.rpt |
| ItemCode | Page Header | Report Name: Job Request Created with BXPPS for SAP Builiness One |
| ItemName | Group Header #1: | |
| 🖙 FrgnName 📼 ItmsGrpCod | Group Header #2a: BXPPSPRODORDEROPEI | Operation: Name [Deration [D:] Code] |
| CstGrpCode | BAFFSFRUDURDERUFEI | FrgnName |
| CodeBars | Group Header #2b: BXPPSPRODORDEROPEI | Begin Date& Time: @OperBegDt& Tm Production Order; @ProdOrder&Line |
| u VATLiable | BAPPSPRODORDEROPEI | Before Time: @OperBefTm&Uom Product Code; @ProdCode&Name] After Time: @OperAftTm&Uom |
| 🚥 PrchseItem | = | |
| SellItem | Details . | (@ResourceType @WcCode&Name Allocation ID: Code) |
| OnHand | | DerationCode |
| 🚥 IsCommited | - | peratorico de Scanned |

After the formatting is ready, save the report. Make sure that you do not save it under SAP\SAP Business One\AddOns\ because in that case the file will be overwritten by a new Produmex add-on installation. It is also recommended to save the custom report to a central location where every client will be able to see it.

When you print the custom report created in the example, the foreign name will be added under the operation name.

| Operation: | oPAS - Bike Assembly | Operation ID: | 00048789 |
|------------|-----------------------------------|----------------------------------|----------|
| | Assembly du bike | | |
| | Begin Date&Time:02/19/17 04:12 PM | Production Order: 579 / 4 | |
| | Before Time: 0.00 [min] | Product Code: p1001-1 - Red Bike | |
| | After Time: 0.00 [min] | | |
| | mM1001 Painted Bike Framework | 1.00 | |

Special customization

1. User queries for validation

The user queries for validation should return two columns:

- RowTy: row type can be E (error) or W (warning)
- Msg: the error/warning description

An error message will appear in red on the bottom of the screen, and block the current process. A warning message will be displayed in a separate window, asking a confirmation from the user to continue. For more information about the message types please see: Supported message types

Only the first row of the result is taken into account.

1.1. User identification

User query name: *bxtc_pdc_user_identification*

Parameters:

- [%0]: Action code (1 = OK)=/
- [%1]: Employee ID (OHEM.empID)
- [%9]: Terminal ID (IP address)

1.2. Production Operation Selection

User query name: *bxtc_pdc_production_operation_selection*

Parameters:

- [%0]: Action code ; possible values are:
 - 1 = Complete/Stop
 - 2 = Break/Partial
 - 3 = Resume (only available in old web/tomcat PDC client)
 - ∘ 4 = New Op
 - \circ 5 = Admin
 - 6 = Materials (not available yet in BX Mobile PDC client)
- [%1]: Employee ID (OHEM.empID)
- [%2]: Operation ID (WOR1.U_BXPBxID)
- [%3]: Job/Setup (0 = Job, 1 = Setup)
- [%9]: Terminal ID (IP address)

If more than one operations are selected, then parameters [%2] and [%3] are a coma-separated list of values.

1.3. Completed/Partial Job Quantities

User query name: *bxtc_pdc_job_quantities*

Parameters:

- [%0]: Action code (1 = OK)
- [%1]: Employee ID (OHEM.empID)
- [%2]: Operation ID (WOR1.U_BXPBxID)
- [%3]: Completed Quantity
- [%4]: Rejected Quantity
- [%5]: PDC Booking Code
- [%6]: Duration (calculated) in seconds (not supported yet)
- [%7]: Work Center Code
- [%9]: Terminal ID (IP address)

1.4. Start New Operation

User query name: *bxtc_pdc_start_operation*

Parameters:

- [%0]: Action code (1 = OK)
- [%1]: Employee ID (OHEM.empID)
- [%2]: Operation ID (WOR1.U_BXPBxID)
- [%3]: Job/Setup (0 = Job, 1 = Setup)
- [%9]: Terminal ID (IP address)

2. Other user queries

2.1. Product serial/batch number

This query is used when the serial/batch selection is disabled for products by enabling the 'Skip product serial/batch quantities screen' option on the Thin client 2 tab. In that case, the operation quantities can be entered without selecting batches/serial numbers, and the user query will automatically create them when the PDC booking is being processed.

User query name: *bxtc_pdc_serial_batch_products*

| Parameters | Returned columns |
|---|--|
| <pre>[%1]: Employee ID (OHEM.empID) [%2]: Operation ID (WOR1.U_BXPBxID) [%3]: PDC Booking Code [%4]: Product Code (OITM.ItemCode) [%5]: Quantity [%6]: Is Rejected? (0 = Completed, 1 = Rejected) [%7]: Purchase Order Line Extension Code (outsourcing only) [%8]: Product Type (outsourcing only) (1 = Main Product, 2 = By- Product, 3 = Unfinished Product)</pre> | SBNum: Serial or batch number Qty: Quantity |

2.2. Material serial/batch number

This query is used when the serial/batch selection is disabled for materials by enabling the 'Skip material serial/batch quantities screen' option on the Thin client 2 tab. In that case, the operation quantities can be entered without selecting batches/serial numbers, and the user query will automatically create them when the PDC booking is being processed.

User query name: *bxtc_pdc_serial_batch_materials*

| Parameters | Returned columns |
|--|--|
| [%1]: Employee ID (OHEM.empID) [%2]: Operation ID (WOR1.U_BXPBxID) [%3]: PDC Booking Code [%4]: Material Code (OITM.ItemCode) [%5]: Quantity [%7]: Purchase Order Line Extension Code | SBNum: Serial or batch number Qty: Quantity |

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2.3. PTM Log

User query name: *bxtc_pdc_ptm_log_query*

Example query:

EXECUTE sp_executesql N' BEGIN

DECLARE @RowNum INT, @IsStarted VARCHAR(1), @StartDate VARCHAR(20)

SET NOCOUNT ON

CREATE TABLE #EmpLog (RowNum INT, IsStarted VARCHAR(1), StartDate VARCHAR(50), EndDate VARCHAR(50), Employee INT) INSERT INTO #EmpLog SELECT ROW NUMBER() OVER(ORDER BY U BXPStamO) AS RowNum, U BXPActn AS IsStarted, U BXPStamO AS StartDate, NULL AS EndDate, U BXPEmpID AS Employee FROM [dbo].[@BXPATTLOG] WHERE U BXPEmpID = 1DECLARE log cursor CURSOR FOR SELECT RowNum, IsStarted, StartDate FROM #EmpLog OPEN log cursor FETCH NEXT FROM log cursor INTO @RowNum, @IsStarted, @StartDate; WHILE @@FETCH STATUS = 0 BEGIN IF @IsStarted = ''N'' BEGIN UPDATE #EmpLog SET EndDate = @StartDate WHERE RowNum = @RowNum - 1END FETCH NEXT FROM log cursor INTO @RowNum, @IsStarted, @StartDate; END CLOSE log_cursor; DEALLOCATE log cursor; SELECT CAST(LEFT(StartDate, 8) AS DATE) AS Date, CAST(LEFT(StartDate, 8) AS DATE) AS StartDate, CAST(LEFT(RIGHT(StartDate, 6), 4) AS INT) AS StartTime, CAST(LEFT(EndDate, 8) AS DATE) AS EndDate, CAST(LEFT(RIGHT(EndDate, 6), 4) AS INT) AS EndTime, NULL AS BreakTime, NULL AS JobTime,

DATEDIFF(MINUTE, CAST(LEFT(StartDate, 8) AS DATETIME) + CAST(DATEADD(HOUR, (CAST(SUBSTRING(StartDate, 9, 2) AS INT)), DATEADD(MINUTE, (CAST(SUBSTRING(StartDate, 11, 2) AS INT)), DATEADD(SECOND, CAST(SUBSTRING(StartDate, 13, 2) AS INT), CAST(''00:00:00'' AS TIME(3)))) AS DATETIME), CAST(LEFT(EndDate, 8) AS DATETIME) + CAST(DATEADD(HOUR, (CAST(SUBSTRING(EndDate, 9, 2) AS INT)), DATEADD(MINUTE, (CAST(SUBSTRING(EndDate, 11, 2) AS INT)), DATEADD(SECOND, CAST(SUBSTRING(EndDate, 13, 2) AS INT), CAST(''00:00:00'' AS TIME(3)))) AS DATETIME)) AS WorkTime, CASE WHEN DATENAME(dw, CAST(LEFT(StartDate, 8) AS DATETIME)) IN (''Saturday'', ''Sunday'') OR EXISTS (SELECT 1 FROM HLD1 WHERE StrDate = CAST(LEFT(StartDate, 8) AS DATETIME)) THEN ''N'' ELSE ''Y'' END AS IsWorkingDay, NULL AS InfoText1, NULL AS InfoText2 FROM #EmpLog WHERE IsStarted = ''Y'' AND StartDate IS NOT NULL AND EndDate IS NOT NULL DROP TABLE #EmpLog

DROP TABLE #EmpLog

2.4. Workshop Monitor

User query name: *bxtc_pdc_workshop_monitor_query*

Example query:

| SELECT TOP 30 | |
|---------------|--|
| | T0.Code as Code, |
| | TO.Name as Name, |
| | T1.ItemCode as ProductCode, |
| | T3.ItemName as ProductName, |
| | T0.U_BXP0pCod as OperationCode, |
| | T0.U_BXPOpNam as OperationName, |
| | T5.U_BXPPrfWC as PreferredWorkCenter, |
| | T5.U_BXPFeat as PreferredFeature, |
| | T0.U_BXPPlQty as PlannedQuantity, |
| | <pre>T0.U_BXPCoQty as CompletedQuantity,</pre> |
| | T0.U_BXPRejQt as RejectedQuantity, |
| | T2.IssuedQty AS IssuedQuantity, |
| | T1.DocEntry as DocEntry, |
| | T1.DocNum as DocNum, |
| | T2.LineNum as LineNum, |
| | T0.U_BXPBSetu as SetupTime, |
| | T0.U_BXPEDuDt as DueDate, |
| | |

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```
T0.U BXPPDueT as DueTime,
                T4.U BXPPstCd AS PDCPostingCode,
                T4.U BXPPstDt as PDCPostingDate,
                T4.U BXPPstTm as PDCPostingTime,
                T4.U BXPWCent as PDCWorkCenter,
                T4.Code as PDCBookingID,
                T6.firstName as EmployeeFirstName,
              T6.lastName as EmployeeLastName,
                T6.empID as EmployeeID
FROM
                [@BXPPRODORDEROPER] T0
                INNER JOIN [OWOR] T1 ON T0.U BXPPrODE = T1.DocEntry AND
T1.[Status] <> N'L'
                INNER JOIN WOR1 T2 ON T2.U BXPBxID = T0.Code
                INNER JOIN OITM T3 ON T3.ItemCode = T1.ItemCode
                LEFT OUTER JOIN [@BXPPDCBOOKING] T4 ON T4.U BXPPrOOI =
T0.Code AND T4.Code IN
                  (SELECT TX.Code FROM [@BXPPDCBOOKING] TX WHERE
TX.U BXPIsUnd = 'N' AND TX.U BXPPrOOI = T0.Code AND
                    TX.U BXPPstDt = (SELECT MAX(U BXPPstDt) FROM
[@BXPPDCBOOKING] TX1 WHERE TX1.U BXPIsUnd = 'N' AND TX1.U BXPPrOOI =
T0.Code) AND
                    TX.U BXPPstTm = (SELECT MAX(U BXPPstTm) FROM
[@BXPPDCB00KING] TX2 WHERE TX2.U BXPIsUnd = 'N' AND TX2.U BXPPrOOI = T0.Code
AND TX2.U BXPPstDt = TX.U BXPPstDt))
                LEFT OUTER JOIN [@BXPPRODORDERREQU] T5 ON T5.U_BXPPrOOI =
T0.Code AND T5.U BXPResTy = 1
                LEFT OUTER JOIN OHEM T6 ON T6.empID = T4.U BXPEmpID
WHERE
                T0.U BXPPlQty > T0.U BXPCoQty + T0.U BXPRejQt AND
                T0.U BXPCoQty + T0.U BXPRejQt > 0 AND
                T0.U_BXPIs0uS = 'N'
ORDER BY
                T0.U BXPEndDt DESC,
                T0.U BXPEndTm DESC
```

When using the example query, operations with completed jobs are listed where the booked quantity is less than the planned quantity and there is at least one booking on it. Outsourced operations are not displayed.

2.5. Personal duration factor for multiple PDC bookings

This query is used when reporting a completion (either partial or complete) for more than one running jobs at the same time. In that case, the machine duration will be the full duration for all PDC bookings, however the person duration will be split among the PDC bookings according to the logic defined in this user query.

User query name: *bxtc_pdc_multiple_pdc_person_duration_factor*

| Parameters | Returned columns |
|---|---|
| [%1]: Employee ID (OHEM.empID) [%2]: List of operation codes, coma-separated [%3]: List of work center codes, coma-separated (in the same order) [%4]: List of completed quantities, coma-separated (in the same order) [%5]: List of rejected quantities, coma-separated (in the same order) [%9]: Terminal ID (IP address) | OpCod: operation code PsDur: person duration |

Please note: This query has a default implementation which divides the total duration by the number of PDC bookings processed together for each PDC booking.

2.6. Order Recommendation Custom Grouping

This query is used to customize the auto grouping function for MTO planning.

The query runs when:

- If you click on Auto-Group button on the Group Recommendations form
- Order recommendations are being created and the 'Auto Group' option is set to true on the MTO tab
 of Produmex Manufacturing settings

User query name: BXPPS_MTO_QueryNonGroupableItems

Parameters:

• [%0]: MTO scenario code

Example query:

```
SELECT Code FROM [@BXPMTOORDRSOLREF]
WHERE U_BXPMTOSc = '[%0]' AND U_BXPItmCd IN (
        SELECT OITM.ItemCode
        FROM OITM, itt1
        WHERE oitm.itemcode = itt1.father and (itt1.code='ITEM01' or
        itt1.code='ITEM02' or itt1.code='ITEM03') )
```

Set up Password Protected Login for Produmex PDC

Add a new PDC Password user field to the Employee Master Data table.

Last update: 2017/09/29 11:27

| | - | | _ | | | _ | |
|-------------------------------|----------|----------------------|-------------------|------------|-------------------------------|-------------|--------------|
| egory | Title | Description | Туре | Title | PDCPass | Description | PDC Password |
| Master Data | | | | Туре | Alphanumeric | Length | 10 |
| Activities | | | | Structure | Regular | | |
| Agent Name | | | | | | | |
| Bin Location | | | | Validation | None | * | |
| Blanket Agreement | | | | | | | |
| Business Partner | | | | | | | |
| Campaign | | | | | | | |
| Cargo Customs Declaration Nur | | | | | | | |
| Electronic Transactions | | | | | | | |
| ▼ Employees | | | | | | | |
| Employees | | | | _ | | | |
| | BXPATCI | AT Class | Numeric (8) | Set Defa | a <u>u</u> lt Value for Field | | |
| | BXPMaxOp | Maximum Parallel Ope | Numeric (8) | | | | |
| | BXPShtP | Shitft Plan | Alphanumeric (8) | Mandate | ony Field | | |
| | PDCPass | PDC Password | Alphanumeric (10) | | | | |
| Absence Information | | | | | | | |

Set the password on this field.

| Employee Master Data | | ▲ ▼) General | • <u>×</u> |
|------------------------------------|-------------------------------------|---|------------|
| First Name John Middle Name Doe | Employee No. 1 Ext. Employee No. | AT Class Maximum Parallel Operations Shift Plan PDC Password | None |

Open Produmex Manufacturing settings. Set the new user field as the 'Employee Card Code Field' on the PDC tab.

| Produmex Manufacturing Settings | |
|---|--|
| General SQL Logs Reports MRP PDC Prod.Order Master Data MTO | Thin Client Thin Client 2 Food Scheduled Reallocator Custom Settings |
| General SQL 2003 Reports MIKP PDC Production master bata Mito | Thin Client Thin Client 2 Pood Scheduled Kealocator Coston Settings |
| Is Serial Batch PDC Enabled | |
| 800x600 PDC Wizard | |
| HD resolution PDC Wizard | |
| PDC Use Direct State | |
| PDC Allow Undo | |
| PDC Undo Only No Transaction | |
| PDCTooGoodPerformanceThreshold | 1.000000 |
| PDCTooBadPerformanceThreshold | 1.000000 |
| PDC book duration in Break bookings | |
| Use Operation Parameters | |
| GoodsIssue Series Name | |
| ReceiptFromProd. Series Name | |
| IssueForProduction Series Name | |
| GoodsReceipt Series Name | |
| PDCProcessor Last Run Date | 07/28/17 |
| PDCProcessor Last Run Time | 1422 |
| PDCProcessor Retry Times | 5;15;60 |
| Managing Rejected Batched PDC Transactions | |
| Default Production Warehouse for Managing Rejected Batched PDC Transactions | |
| Default Base Item Warehouse for Managing Rejected Batched PDC Transactions | |
| Employee Card Code Field | U_PDCPass |
| Default Attendance Model | |
| PDCProcessor Block Start Date | |
| PDCProcessor Block Start Time | 0 |
| PDCProcessor Block Minutes | 0 |
| Profit Center for Managing Rejected Batched PDC Transactions | |
| Account Code for Managing Rejected Batched PDC Transactions | |
| Use Production Order Doc Entry and Line For PDC | |
| No Work Center Change with Use Production Order Doc Entry and Line For PDC | |
| PDC Delete Allocation Last Date | |
| FlexProdScheduler Last Run Date | |
| FlexProdScheduler Last Run Time | 0 |
| Enable Lost Allocations in PDC Shop-Floor Wizard | |
| PDC Processor Interval Time | 30 |
| PDC Material Batch Overbooking Permission | VVOverbookingPermission_NotAllowed |
| OK Cancel | |

Enable the 'Login is Password protected' setting on the Thin Client 2 tab.

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| Produmex Manufacturing Settings | |
|---|---|
| General SOL Logs Reports MRP PDC Prod.Order Master Data MTO | Thin Client Thin Client 2 Food Scheduled Reallocator Custom Settings |
| General SQL Logs Reports MRP PDC Prod.Order Master Data MTO | Thin Client 2 Food Scheduled Reallocator Custom Settings |
| Worker can modify bookings | |
| Approver can modify bookings | |
| Global idle timeout (seconds) | 0 |
| Global screen timeout (seconds) | 0 |
| Employee approver role | Approver |
| Employee Workshop Monitor Role | Workshop Monitor |
| Employee Quality Control Role | QC Inspector |
| Workcenter Admin Role | |
| Enable PDC | |
| Enable PTM | |
| Enable QC | |
| Enable Workshop Monitor | |
| Enable Workcenter Journal | Image: Second |
| Enable Workcenter Tickets | |
| Enable Legacy Mode in PDC | |
| Pre-fil planned material quantities | |
| Pre-fil planned by-product quantities | |
| Pre-fill the bin locations quantities with available quantities | |
| Skip material quantities screen | |
| Skip by-product quantities screen | |
| Skip material serial/batch quantities screen | |
| Skip product serial/batch quantities screen | |
| Logout after PDC bookings | |
| Enable Partial Book & Stay | |
| Can insert new materials into production orders | |
| Login Is Password Protected | \checkmark |
| Only Job Bookings On Running Jobs Screen | |
| Force enter product serial/batch numbers and quantities | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Update Cancel | |

In order to login on the terminal, the employee has to enter the password instead of the employee number.

| Mobile PDC | STEST_WMSMF (PMX_BUDTOSH2) | _ 🗆 🗙 08/07/17 03:03 PM |
|--|----------------------------|-------------------------|
| Server: 17.05.31007.18920 Client: 17.05.31007 | Login | * 🛈 |
| Employee | John Doe | |

| From: http://wiki.produmex.name/ - | |
|---|---|
| Permanent link: http://wiki.produmex.name/doku.php?id=implementation:manufacturing:customizationcomplete | × |
| Last update: 2017/09/29 11:27 | |