2.2. Production Data Collector

When Personal Time Management is enabled, you have to log in with PTM before starting the work with the Production Data Collector. Press the PDC icon. Enter the employee ID and click on the 'Login' button to log in.

If the employee has any open jobs, the system will proceed to the 'Running Jobs' screen otherwise the user will be redirected to the 'Start Job' screen.

2.2.1. Running Job screen

The running jobs window shows all operations that were already started by the employee that has logged in. The jobs for which there is already a started booking (setup or job) or a partial booking will appear.

×

Displayed information:

- 1. Operation phase
- 2. Doc Entry Line Number (Operation code name)
- 3. Production order number, Main product code (name)
- 4. Open quantity, Planned Quantity, Assigned work center
- 5. Time of the last PDC booking for the operation
- 6. Date of the last PDC booking for the operation
- 7. Type of the last PDC booking for the operation

Select an operation from the list. Tick the white box or scan the DocEntry-LineNum identified to the search bar then press TAB.

The DocEnry- LineNum identifier can be found on the Job Requirements report.

×

To start a new operation that is not listed, scan or enter the *DocEntry-LineNum* identifier from the related production order then press the '*Start*' button. The system will proceed to the 'Start Job' screen. See: 2.2.2. Start Job

If the 'Start' button is not active, it means that the employee has reached the maximum number of active operations that can be started at once. The maximum number of parallel operations for an employee can be set on the Maximum Parallel Operations UDF of the Employee Master Data. The employee must close a running operation first before starting another one.

Last update: 2021/04/20 10:23	implementation:manufacturing:pdc_pdc https://wiki.produ	mex.name/do	oku.php?id=implementation:manufacturing:pdc_pdc
Employee Ma	aster Data	_ 🗆 🗙	

Employee Master	Data						•	
First Name	laha	Employee No	1			AT Class		Nana
Middle Means	Innor	Employee No.	1			Maximum Parallel	Operations	1
Middle Name		Ext. Employee No.	D			Shittt Plan		
Last Name	Doe	✓ <u>Active Employ</u>	ee					
Job Title		Linked Vendor						
Position	•	Office Phone						
Department	•	Ext.						
Branch	•	Mobile Phone						
Manager		Pager						
User Code	•	Home Phone						
Sales Employee 🛛 📫	-No Sales Employ▼	Fax						
Cost Center		E-Mail						
Add <u>r</u> ess Mem	bership Administ	ration <u>P</u> ersonal	Finance	Remar <u>k</u> s	Atta <u>c</u> hments			
Street Street No. Block Building/Floor/Room Zip Code City County		Street No Street No Block Building, Zip Code City County	o. /Floor/Room					
State		* State			· · · · ·			
country		country						

To stop a running operation, press the 'Stop' button. See: 2.2.7. Complete Setup or 2.2.8. Complete Job

To make partial booking for a running operation, press the 'Partial' button. See: 2.2.3. Partial Completion

To review bookings, press the 'Admin' button. See: 2.2.9. Admin

To logout as the current employee, press the 'Logout' button.

2.2.2. Start Job

If the employee has no running jobs, he is redirected to the Start Job page.

3/18

Mobile PDC	STEST_WN	ASMF (PMX_BUD)TOSH2) -	Fred Morris	on					06/09/17 12	X 2:54 PM
Server: 17.05.31007.18920 Client: 17.05.31007				Start	Job (00:30)					*	í
Default Work	Center										F12
Operation		6-1 (oPCU	- Cutti	ing - 505	5)					F1	1 F12
Work Center		wJD (John	Doe)							F1	1 F12
Start Setup	F1 Sta	art Job 🕫	ļ	Admin	F3	Clear	F4	Cancel	Esc		
E											

The default work center is the work center defined for the terminal on the 'PDC Terminal Configuration' user table. To disable the default work center, set the 'Work Center Ignore' option to 'Yes' for the employee on the PDC Extended Configuration user table. When there is a default work center, bookings can be created only for operations with the feature assigned to the default work center.

Scan or enter the *DocEntry-LineNum* identifier of the operation to the 'Operation' field.

If there is a default work center, the work center field will be populated automatically. The user cannot modify the work center if the default work center is mandatory. The default work center is mandatory in the following cases:

- The employee and/or the work center has no configurations set on the PDC Extended Configuration user table and the 'PDC Modifiable WC for Start' option is disabled on the Thin Client tab of Produmex Manufacturing settings.
- The 'Work Center Modification' option is disabled on the PDC Extended Configuration user table for the employee and/or work center.

Otherwise the work center is not mandatory and the user can select an alternative work center.

If there is no default work center, the user has to enter the work center or select it from a list of available work centers by pressing F11. If there is only one work center for the feature that belongs to the operation, the work center field will be automatically populated with it.

If the operation has a mandatory work center, the operation can only be started on the mandatory work center.

implementation:manufacturing:pdc_pdc https://wiki.produmex.name/doku.php?id=implementation:manufacturing:pdc_pdc

Mobile PDC	TEST_WMSMF (PMX_BUDTOSH2) - Fred Morrison		06/09/17 12:54 PM
Server: 17.05.31007.18920 Client: 17.05.31007	(00:28)		% (j)
Search		F12	Search 🛛 🕅
K wWM1			
BXC 21 Wel	ding Machine		
K wWM2			
BXC 22 Wel	ding Machine		
			•
ОК	F1 Cancel Esc		
Ē			

Then he can click on 'Start Setup' or 'Start Job' to start the operation. Based on the settings on the Thin Client tab, setup bookings might be allowed for operations without setup or might be forbidden for every operation. Only operations that meet the following conditions can be started:

- Production order is released
- The operation status is Created or Started

The 'Clear' button erases the contents of all fields, so the entered data will be lost. If the user clicks on the 'Logout' button, he will be logged out and redirected to the Login screen.

On the next screen the user can overview the details of the operation. Press 'Done' to start the setup/job or press 'Cancel' to go back to the previous screen.

5/18

Mobile ST_WW	ISMF (PMX_BUDTOSH2) - Fred Morrison	_ 🗆 🗙 06/09/17 12:54 PM				
Server: 17.05.31007.18920 Client: 17.05.31007	Start Job Confirmation (00:30)	* (i)				
PDC Booking	#N/A					
Production Order	#501 p1001-1 (Red Bike)					
Operation	2-3 (oPAS - Bike Assembly)					
Summary	0 completed quantity 0 rejected quantity					
Serial / Batch Numbers	0 serial numbers and 0 batch numbers					
By-Products	0 by-products					
Materials	2 materials					
Error						
Done ^{EL} C	ancel					
Ē						

During the Start Job/Setup phase, materials might be issued depending on their milestone type. For more information about issuing materials please see:2.2.5. Materials.

2.2.3. Partial Completion

To create bookings for a partially completed job/setup, press the '*Partial*' button. After a partial booking the job/setup remains open therefore it will be listed among the running jobs.

Mobile PDC	🛞 TEST_WM	SMF (PMX_BUDT	_ X 06/09/17 12:54 PM				
Server: 17.05.31007.18920 Client: 17.05.31007			Part	ial Job (0	00:30)		% (i)
Production Or	der	#596 p100	1-1 (Red Bik	UoM	pcs		
Operation		97-3 (oPAS	5 - Bike Asser				
Started		02/22/17 1	1:51 AM		Completed		
Bin Location			F11 F12				
Duration			6 🚟	min	This Day		
Quantity			4 🚟		Rejected Quantity		1 🚟
Done	F1 Done	e & Stay F	Cancel	Esc			

Enter the completed and rejected quantity (if any) for the operation.

Define a Bin Location for material issues/product receipts on the 'Bin Location' field. The default Bin Location is the bin location specified on the PDCExtendedConfiguration UDT. If no bin location has been defined on that form, by default the bin location specified for the work center is shown. If there is no bin location specified on either form, the bin location is empty by default.

The bin location selected on this screen can be overridden for materials and products.

Press the 'Done' button to proceed.

If there are by-products for the operation or the operation is the last operation on the production order and the product is linked to it with a milestone, 'Products' screen will open up. Please see: 2.2.4. Product and By-Products

If an operation has materials linked to it with a milestone, the 'Materials' screen will open up. Please see: 2.2.5. Materials

After the booking was created, the system will return to the Running Jobs screen or the Start Job screen if the employee has no running jobs. When the *'Logout after PDC bookings'* option is enabled on the Thin client 2 tab, the employee will be automatically logged out and redirected to the Main Menu.

When the 'Enable Partial Book & Stay' option is set to true, an additional 'Done & Stay' button is displayed on the Partial Job screen. To stay on the 'Partial Job' screen after the booking was created, perform the partial completion after pressing this button.

2.2.4. Product and By-Products

Receive the products or by-products on the 'Products' screen. On the grid the main product and the by-products (if any) are listed. The main product is always listed first.

Mobile 😵 TEST_WI	Mobile PDC TEST_WMSMF (PMX_BUDTOSH2) - Fred Morrison 06/09/17 12:54 P										
Server: 17.05.31007.18920 Client: 17.05.31007	[Proc	lucts] (00:30)		% (j)							
Production Order	#599 mM1101 (Raw Bik	e Framework)	UoM	pcs							
Operation	100-1 (oPCU - Cutting)										
Product		🚟 Bin Location	01-SYSTEM-BIN								
Quantity	5										
Item	Name	Bin Location	Quantity								
mM1101	Raw Bike Framework	01-SYSTEM-BIN-LOCA	5 of 5 pcs								
m2	Steel Pipe	01-SYSTEM-BIN-LOCA	10 of 10 m								
				V							
Done ^{FL} C	Cancel Serial / Bato	h [®] Bin Location									

Select the product on the grid then enter the quantity. Add the quantity by pressing the 'Add' button or overwrite the quantity by pressing the 'Update' button.

The default quantity of the main product is the quantity added on the partial or complete job/setup screen.

The default quantity of a by-product is calculated from the received quantity of the main product and the base quantity of the by-product. It is possible to receive more or less of a by-product than the calculated quantity.

The default bin location is the bin location specified for the operation but it can be adjusted. Scan or enter the destination bin location to the 'Bin Location' field or select it from a list after pressing F11. To add a product to different bin locations, select the bin location then press the Bin Location button (F3). The 'Product Bin Location Picker' screen will open. (Please see: 2.2.4.3. Product Bin Location Picker). Please note: The bin location for items managed by batches or serial numbers can be added on the Product Batch/Serial Numbers screen therefore the bin location picker function is not available for such items.

When using the Legacy mode, the Bin Location button is not displayed and the Product Bin Location Picker screen cannot be reached.

After the PDC processor processes the booking, the system automatically creates the Receipt from Production document for the main product and receives it to the inventory. By-products will be taken into stock with a Goods Receipt document which will be converted to a Receipt from production document after the main product has been booked.

If the main product is managed by batches or serial numbers, add the serial/batch numbers before receiving the product. Press the 'Serial/Batch' button. If the product is managed by batches, the Product Batch Numbers screen will open. (Please see: 2.2.4.1. Product Batch Numbers).

If the product has serial numbers, the Product Serial Numbers screen will open. (Please see: 2.2.4.2. Product Serial Numbers). If the 'Skip product serial/batch quantities screen' option is enabled on the

Thin client 2 tab, this button will not be active and the serial/batch numbers will be determined by a custom query. For more information please see: Product serial/batch number

By-products cannot be managed by serials/batches.

2.2.4.1. Product Batch Numbers

If it is a batch numbered product, the 'Product Batch Numbers' form appears.

Mobile PDC	🕉 TEST_WM	SMF (PMX_	BUDTOSH2) - Fred Morris	on			06/09/17 12	X 2:54 PM
Server: 17.05.31007.18920 Client: 17.05.31007			Product Batc	h Numbers (00:29)			*	()
Production Orde	er	#600 I	tem01 (Batch nbr)		UoM		
Operation		101-1	(oPCU - Cutting)					
Item		Item01	(Batch nbr)	Bin Location	01	-W2-W2-S2	F11	F12
Batch Number			F	🖁 [User 1]				F12
Quantity			2 🗟	🖁 [User 2]				F12
Batch Number	Bin Loca	ation	Quantity	[Total Quantity]	[User Field	1] [User F	ield 2]	
PR0001	01-W2-	W2-S1	2	4				
PR0001 Rejected	01-W2-	W2-S2	2	4				
								V
Quantity			2 Of	6				
Rejected Quant	ity		2 Of	0				
Done	Ca	ancel	Esc Rejected	B	[Split]	Delete	F8
E								

Enter the created batch number into the 'Batch Number' field then press TAB to add the batch number to the grid. Multiple batch numbers might be added.

Select the batch on the grid. Enter the quantity of the batch into the 'Quantity' field and scan the bin location or select it on the 'Bin Location' field then press TAB. All bin locations must have the same warehouse. Please note: When using Legacy mode, the Bin Location cannot be specified on this screen.

To register the batch for rejected quantities, select the line of the batch number then press the 'Rejected' button. It is possible to set completed and rejected quantities for the same batch number.

To receive the same batch into multiple bin locations, select the batch then press the 'Split' button. The line of the batch will be duplicated but the bin location and the quantity value on the new line will be empty.

To remove a wrongly entered batch number, select it on the grid and click on 'Delete'.

2025/08/13 15:00

2.2.4.2. Product Serial Numbers

If the product is serial numbered, the 'Product Serial Numbers' window will open.

Mobile PDC	TEST_WMSMF (PMX_BUDTOS	H2) - Fred Morrisoi	n		_	X 54 PM
Server: 17.05.31007.18920 Client: 17.05.31007		Product Serial	Numbers (00:30)		*	(j)
Production Order	#601 Item03	(Serial nbr)		UoM		
Operation	102-1 (oPCU	- Cutting)				
Item	Item03 (Seria	al nbr)	Bin Location	01-W2-W2-S2	F11	F12
Serial Number	SN2003	F12	[User 1]			F12
			[User 2]			F12
Serial Number	Bin Location	[User Field	11] [User Field 2]	Rejected		
SN2001	01-W2-W2-S1					
SN2002	01-W2-W2-S2			Rejected		
						T
Quantity		1 Of	2			
Rejected Quantity	,	1 Of	0			
Done	Cancel	Rejected	FJ		Delete	F8
E						

Add the serial numbers into the 'Serial Number' field then press TAB to add it to the grid. If the serial number already exist, an error message will be shown.

To define the bin location, select a serial number and add the bin location to the 'Bin Location' field then press TAB. all bin locations must have the same warehouse. Please note: When using Legacy mode, the Bin Location cannot be specified on this screen.

To add serial numbers belonging to rejected quantities, first enter the serial number, then select it on the grid and press the 'Rejected' button. The serial number will be marked as 'Rejected'.

To remove a wrongly entered serial number, select it and press the 'Delete' button'.

After every serial number has been entered, press the 'Done' button to proceed.

Please note: The added batch/serial quantity must equal to the quantity entered on the partial or complete job/setup form.

2.2.4.3. Product Bin Location Picker

On the 'Product Bin Location Picker' screen scan the Bin Location or select it by pressing F11 or pressing the '...' button then press TAB to add it to the grid. Select the Bin Location line then add the quantity to receive to the 'Quantity' field.

Mobile PDC ST_W	MSMF (PMX_BUDTOSH2) - Fred Morrison	- 06/0	9/17 12:54 PM
Server: 17.05.31007.18920 Client: 17.05.31007	[Product Bin Location Picker] (00:29)		* ①
Production Order	#595 mM1101 (Raw Bike Framework)	UoM	pcs
Operation	96-1 (oPWE -)		
Item	mM1101 (Raw Bike Framework)		
Bin Location			F11 F12
Quantity	1 ⁵¹²		
Bin Location	Quantity		
01-W2-W2-S1	0		
01-SYSTEM-BIN-LOCAT	FION 1		
Quantity			V
Done ^{F1}	Cancel	Dele	ete
8			

It is of high importance to keep in mind that when working with MultiBranch company databases the user must select a target warehouse from the same branch as defined for the production order, otherwise SAP B1 will reject the inventory transaction. In case of an error the user can fix the issue in the PDC administration screen on the terminal.

2.2.5. Materials

Consumed materials might be reported in different operation phases, depending on their Milestone type.

- Materials with the milestone type 'Depends On Begin' have to be issued when starting a job.
- Materials with the milestone type 'Depends on Every' can be issued in partial and completed PDC bookings.
- Materials with the milestone type 'Depends on End' can only be issued when completing a job.

If the operation has no linked materials, the system will automatically skip this screen.

Mobile STEST_W	MSMF (PMX_BUDTOSH2) - Fred Morris	son		_ 06/09/ [/]	17 12:54 PM
Server: 17.05.31007.18920 Client: 17.05.31007	Mate	erials (00:29)			* ()
Production Order	#596 p1001-1 (Red Bike	e)		UoM	
Operation	97-3 (oPAS - Bike Assem	nbly)			
Item		🚆 Bin Location	01-W2-W2	2-S1	F11 F12
Quantity	1.	F12			
Item	Name	Bin Location	Quantity		
mM1001	Painted Bike Framewor	01-W2-W2-S1	1 0	of 1 pcs _{Warehous}	se: 01
m3	Chain	01-W2-W2-S1	1 0	of 1 pcs Warehous	se: 01
m4	Wheel	01-W2-W2-S1	2 0	of 2 pcs _{Warehous}	se: 01
E I	542				V
Done	Cancel Serial / Batc	h Bin Location			

Scan the item code or enter it to the 'Item' field. When the 'Can insert new materials into production orders' option is enabled on the Thin client settings, the user might be able to add items not linked to the operation.

Select the line of the material. If you scan the item code of the material or enter it to the 'Item' field, the material line will be automatically selected.

After that the cursor will be automatically positioned into the Quantity field. Here you can enter the used quantity and click on 'Add' or 'Update'. To add the entered quantity to the already booked quantity, press 'Add'. To overwrite the already booked quantity with the entered quantity, press 'Update'. When the 'Can insert new materials into production orders' option is enabled on the Client 2 tab, new materials can be added during the booking. Scan the item code or enter it to the 'Item' field then press TAB. The item will be listed on the grid. Add the consumed quantity and the bin location as described above. After the booking is processed, a new material line is automatically inserted before the operation on the production order.

If the materials are serial or batch managed, you have to select the batches/serials that were used. Select the line of the material then press the 'Serial/Batch' button. If the material is managed by batches, the Material Batch Number Picker screen will open. (Please see: 2.2.5.1. Material Batch Number Picker) If the material has serial numbers, the Material Serial Number Picker screen will open. (Please see: 2.2.5.2. Material Serial Number Picker)

Please note: If you don't enter any quantity on the Materials screen, and click on Serial/Batch button, then the needed quantity will be zero. It means the user can add as many serial/batch numbers as he wants, but he cannot add more than the remaining quantity for the operation.

If the 'Skip material serial/batch quantities screen' option is enabled on the Thin client 2 tab, this button will not be active and the serial/batch numbers will be determined by a custom query. For more information about the custom query please see: Material serial/batch number

The default bin location is the bin location specified for the operation but it can be adjusted. Scan the

source bin location or add its code to the Bin Location field or select it from a list after pressing F11. To add materials from multiple bin locations select the material then press the 'Bin Location' button. The Material Bin Location Picker screen will open. (Please see: 2.2.5.3. Material Bin Location Picker) When using the Legacy mode, the Bin Location button is not displayed and the Material Bin Location Picker screen cannot be reached.

After the transaction is processed by the PDC processor, the booked materials will be issued with an Issue from Production document.

2.2.5.1. Material Batch Number Picker

Add a batch to the grid by scanning the batch number or entering it to the 'Batch Number' field then press TAB. Only existing batches can be added. Select the batch on the grid then add the quantity to the 'Quantity' field and scan the Bin Location or enter its code to the Bin Location field then press TAB. If the bin location is specified, the batch must exist in the bin location with the specified quantity.

All batch numbers must have the same warehouse.

Mobile PDC	😚 TEST_WM	SMF (PMX_F	BUDTOSH2) - Fr	red Morris	son					- 06/09/1	□ 7 12:5	X 54 PM
Server: 17.05.31007.18920 Client: 17.05.31007			Mate	rial Batch	Number Picker (00:29))					*	(j)
Production Ord	ler	#602 p	1001-1 (Re	ed Bike	e)				Uol	Μ		
Operation		103-2 (oPWE - We	elding)								
Item		Item01	tem01 (Batch nbr)									
Batch Number				(🖆 Bin Locatior	n		01-SY	STEM-B	BIN-LOO	F11	F12
Quantity				1	F12							
[Batch]	Bin Loc	ation	Quantity		[Avail BL Qty	'] [Avail	WH Qty]	[Total	Qty]		
BNR4321 (1) 01 (2)	01-SYS	ГЕМ (3)	1 (4)		5 (5)	5	5 (6)		1 (7)			
												V
Quantity			(8) 1	Of	(9)1						
Done	F1 C	ancel	Esc					[Split]	F7	Delet	e	F8
B												

- 1. Existing batch number
- 2. Warehouse
- 3. Bin location
- 4. Allocated quantity
- 5. Available quantity in the bin location
- 6. Available quantity in the warehouse
- 7. Total allocated quantity
- 8. Total allocated quantity
- 9. Needed quantity

To issue the same batch from multiple bin locations, select the batch then press the 'Split' button. The line of the batch will be duplicated but the bin location and the quantity value on the new line will be empty.

Please note: When using Legacy mode, the Bin Location cannot be specified on this screen.

To delete a line, select a line then press the 'Delete' button. Press 'Cancel' to go back. Press 'Done' to proceed.

2.2.5.2. Material Serial Number Picker

Mobile PDC TEST_WMSMF (PMX_BUDTOSH2) - Fred Morrison					
Server: 17.05.31007.18920 Client: 17.05.31007	Material Serial Number Picker (00:30)	*	í		
Production Order	#602 p1001-1 (Red Bike)	UoM			
Operation	103-2 (oPWE - Welding)				
Item	Item03 (Serial nbr)				
Serial Number		F11	F12		
Serial Number	Bin Location				
SNR0008	01-SYSTEM-BIN-LOCATION	-			
Quantity	1 Of 1		v		
Done E	Cancel	Delete	F8		

Add the serial number to the serial number field. Already added serial numbers will be listed on the form. Only existing serial numbers can be added. It is not possible to scan serial numbers from different warehouses.

To delete the serial number, select its line and press the 'Delete' button.

You have to add all needed serial/batch numbers. Partial definition is not possible. After all serial/batch numbers have been defined, you can click on 'Done'.

2.2.5.3. Material Bin Location Picker

On the 'Material Bin Location Picker' screen scan the Bin Location or select it by pressing F11 or pressing the '...' button then press TAB to add it to the grid. Select the Bin Location line then add the quantity to consume to the 'Quantity' field.

Mobile ST_WM	06/0	. . X			
Server: 17.05.31007.18920 Client: 17.05.31007	[Material Bin Lo	cation Picker] (00:29)		% (j)	
Production Order	#596 p1001-1 (Red Bike)	UoM	pcs	
Operation	97-3 (oPAS - Bike Assem	97-3 (oPAS - Bike Assembly)			
Item	item mM1001 (Painted Bike Framework)				
Bin Location				F11 F12	
Quantity	1				
Bin Location	Quantity	[Available Qty]			
01-W2-W2-S1	0	0			
01-SYSTEM-BIN-LOCATI	ON 1	9			
				•	
Quantity	1 pcs Of	1 pcs			
Done E Ca	ancel		Del	ete	

It is of paramount importance that when working with MultiBranch company databases the user must select a source warehouse from the same branch as defined for the production order, otherwise SAP B1 will reject the inventory transaction. In case of an error the user can fix the issue in the PDC administration screen on the terminal, nevertheless.

2.2.6. Confirmation

×

You will get a confirmation dialogue with all the data you entered.

Click on 'Done' to finish the process. If the booking does not need approval or quality controlling, it will be processed by the PDC Processor. Click on 'Cancel' to go back to the Materials screen where the entered data can be changed.

2.2.7. Complete Setup (Stop Booking)

To finish a setup, press the 'Stop' button. The steps of a setup completion are identical to the steps of a partial completion. After the setup is completed, the system will ask whether to start the job part of the operation. Press 'Yes' to start the job. A start job booking will be created for the operation. Press 'No' to start the job later. Only a 'Complete setup' booking will be created and the user must manually start the job for the operation.

When a setup was finished, the phase is closed and it will not be listed on the Running jobs screen.

2.2.8. Complete Job (Stop Booking)

To finish a job, press the 'Stop' button.

×

Enter the completed and rejected quantity (if any) for the operation.

Define a Bin Location for material issues/product receipts on the 'Bin Location' field. The default Bin Location is the bin location specified on the PDC Extended Configurations UDT. If no bin location has been defined on that form, the bin location specified for the work center is shown by default. If there is no bin location specified on either form, the bin location is empty by default.

The bin location selected on this screen can be overridden for materials and products.

If the employee has permission to mark operations as completed, the 'Completed' checkbox is active. You can set this permission on the PDC Extended Configurations user table. If the employee checks the 'Completed' checkbox, the operation is marked as 'Completed' and the status of the operation is changed to 'Finished' when the booking is processed. Finished operations cannot be started again.

Press the 'Done' button to proceed.

If there are by-products for the operation or the operation is the last operation on the production order and the product is linked to it with a milestone, 'Products' screen will open up. Please see: 2.2.4. Product and By-Products

If an operation has materials linked to it with a milestone, the 'Materials' screen will open up. Please see: 2.2.5. Materials

After the booking was created, the system will return to the Running Jobs screen or the Start Job screen if the employee has no running jobs. When the 'Logout after PDC bookings' option is enabled on the Thin client 2 tab, the employee will be automatically logged out and redirected to the Main Menu.

After a job is completed, it is not shown on the running jobs screen.

2.2.9. Admin

On the Admin screen the employee can overview the bookings he created. Press the 'Admin' button to open the 'Admin' screen.

implementation:manufacturing:pdc_pdc https://wiki.produmex.name/doku.php?id=implementation:manufacturing:pdc_pdc

$\mathbf{\mathbf{i}}$	Mobile	🛞 TESI	r wmsmf (pmx ri	UDTOSH2) - Fred Mor	rison				_ □	X
	PDC								06/09/17 12:	:54 PM
Server: 17.05.3 Client: 17.05.3	ierer 17.05.31007.18920 List Of Hours (00:29)			*	í					
√ l	Jnapproved	d 🗸	Approved	🗸 Rejecte	d	✓ Processe	ed	✓ Error		
Оре	eration									F12
Emp	oloyee								F11	F12
Woi	rk Center								F11	F12
Fro	m		12/2	21/16 🚟 To				12/21/16 🚟		
Pro	duction Or	der		F12				Refresh [™]		
]
000 #505	09193 (1) mM1101 (Raw B	6-3 ike Framev	8 (oPWE - We vork) (3)	elding) <mark>(2)</mark>					(7) Start Job	
12/21	/16 04:30 PM (4	9	wWM2 (5)	John Doe (6)				(9) Processed	1
000 #505	1 09191 mM1101 (Raw B	6-3 ike Framev	<mark>8 (oPWE - We</mark> vork)	elding)					Completed Set)
12/21	/16 04:29 PM		wWM2	John Doe					Processed	I
000	00120	5_1	0 (oDRI - Ro	ll Installation)					Completed Joh	
	Cancel	Esc	Modify	Details	F2	Complete	F3			
P										

- 1. Allocation Code
- 2. DocEntry- LineNumber (operation code -name)
- 3. Production order number. Main product code (name)
- 4. Booking date and time
- 5. Work center
- 6. Employee (who made the booking)
- 7. State/ Phase
- 8. Completed/ Rejected quantity
- 9. Process status

The upper part of the window is a filter. The user can select what type of bookings he wants to see (unapproved, approved, rejected, processed or error) for which operation and work center in which date range. When the user filled the filter fields he has to click on the 'Refresh' button to get the list of the operations in the grid below.

Please note: Only employees with approver role can change the Employee code and see the bookings of other employees. Employees without approver role can only see their own bookings.

Details

To overview the details of a booking, select the operation and press the 'Details' button. First the summary page will be shown. To see the details of the selected materials or products (if any) click on the 'Done' button. To go back to the Admin page, press 'Cancel'.

When the materials/ products are managed by serials or batches, an additional 'Serial/Batch' button is displayed. Press this button to review the added serials/batches. Click on the 'Done' button to proceed.

Modify

If the *Worker can modify bookings* setting is enabled, employees can change their bookings. If the *Approver can modify bookings* setting is enabled, employees with approver role can change any

bookings.

To modify the booking, press the 'Modify' button. The following can be modified:

- The booked time.
- Completed status. (Please note: Only employees/approvers who have the permission to mark an operation as 'Finished' can modify the completed status. The permission can be set on the PDC Extended Configurations user table.)

It is not advised to use this function for correcting material/product bookings. Use these SAP BO functions instead:

- right-click menu on the Production order: Report completion >Return components
- Goods Issue/ Goods receipt
- Disassembly order

Complete

To finish a job booking, press the 'Complete' button. Only jobs with 'Started' status can be completed.

2.2.10. Approval of PDC Bookings

PDC supports approving of the PDC bookings by the appointed approver person only.

If there is at least one material/product where the '*NeedsPDC Approval*' option is set to 'Yes', approval is needed for the PDC booking. To approve the PDC booking the approver employee has to log in to the mobile PDC, and click on the 'Admin' button on the Start Job page.

The filter form will open preloaded with all the operations that are unapproved:

Mobile PDC TEST_WMSMF (PMX_BUDTOSH2) - Fred Morrison					06/09/17 12:5	X 54 PM
Server: 17.05.31007.18920 Client: 17.05.31007		List Of Hours	5 (00:29)		\$	(j)
✓ Unapproved	Approved	Rejected	Processed	Error		
Operation						F12
Employee					F11	F12
Work Center					F11	F12
From	12/22/16	5 ≝ To		12/22/16		
Production Ord	er	F12		Refresh 🕫		
00009305	10-1 (oPCU - Cutting	a)			Completed Job	
#509 mM1101 (Raw Bik 12/22/16 11:39 AM	e Framework) w1D	Fred Morrison			1 / 0 Unapproved	
12/22/10 11.05 / 11	1150	The Hornson			onapproved	
						T
						Y
Cancel	Modify [™]	Details	Complete			
Ē						

The filter fields works as described in the **2.2.9.** *Admin section*. Approver employees can see the bookings of other employees too. Press the 'Details' button to review or press the 'Modify' button to revise the details of the selected booking.

On the summary page additional 'Approve' and 'Reject' buttons are displayed if the status of the selected operation is 'Unapproved'.

Mobile PDC TEST_WMSMF (PMX_BUDTOSH2) - Fred Morrison					
Server: 17.05.31007.18920 Client: 17.05.31007	Job Confirmation (00:29)	* (j)			
PDC Booking	#00009305				
Production Order	#509 mM1101 (Raw Bike Framework)				
Operation	10-1 (oPCU - Cutting)				
Summary	1 completed quantity 0 rejected quantity				
Serial / Batch Numbers	0 serial numbers and 0 batch numbers				
By-Products	1 by-products				
Materials	1 materials				
Error					
Done ^{F1}					
	Aneer Approve Reject				
Ē					

If the PDC booking is rejected, the material bookings will not happen and the booking will be marked as 'Rejected'.

If the PDC booking is approved, it will be processed by PDC Processor.

Employees without approver role cannot perform an operation that has materials or products that needs to be approved. If a non-approver employee starts a job for such operation, it will be disposed automatically to an approver employee. When this setting is enabled, sticky jobs completed by approver employees will be automatically approved.

From: https://wiki.produmex.name/ - **Produmex**

Permanent link: https://wiki.produmex.name/doku.php?id=implementation:manufacturing:pdc_pdc



Last update: 2021/04/20 10:23