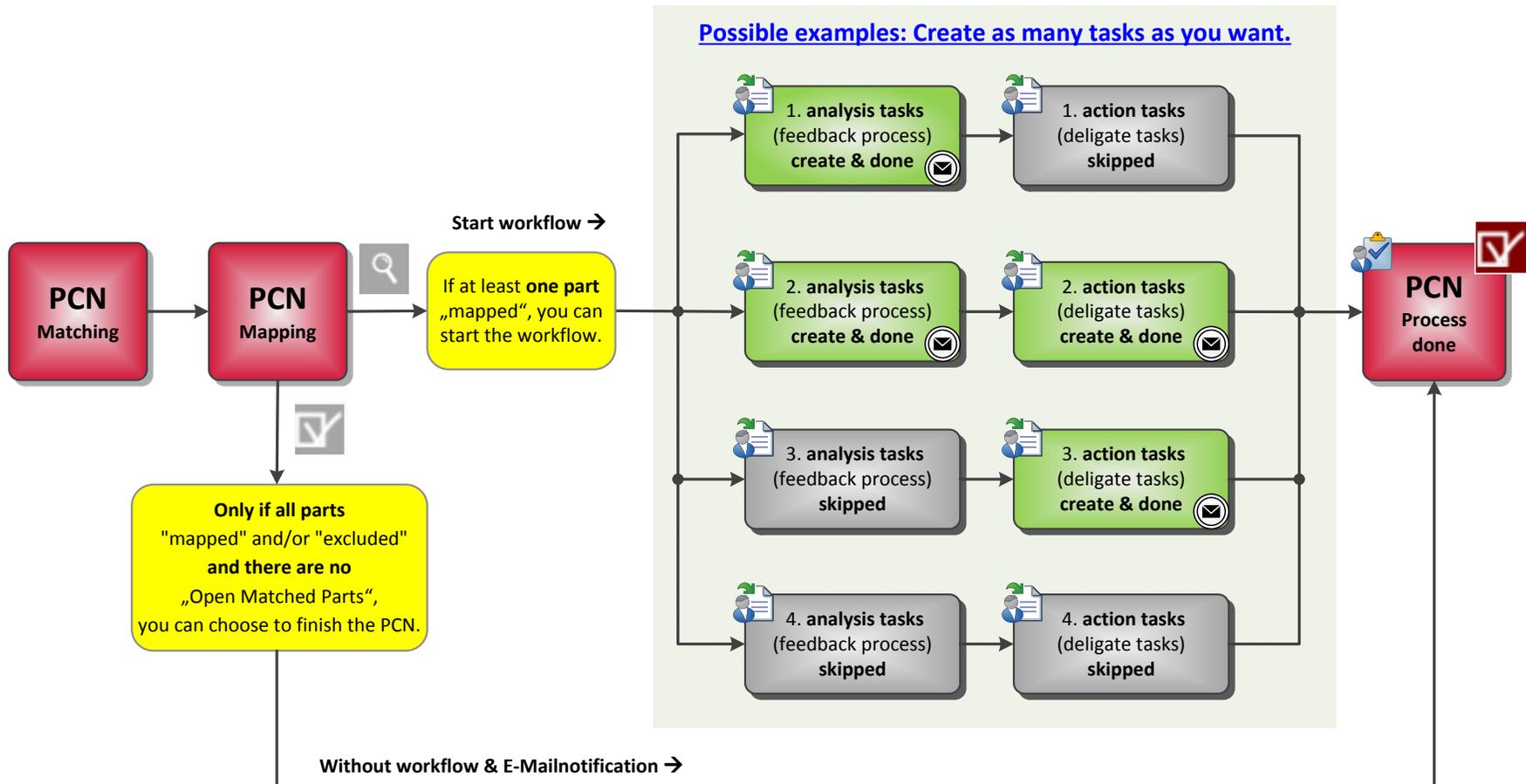


Requirement: You are registered and log in.

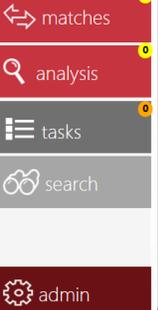
MATCHING & MAPPING: Page [2](#) to [4](#) / Point [1](#) to Point [9](#)

ANALYSIS & ACTION: Page [5](#) to [9](#) / Point [10](#) to Point [20](#)

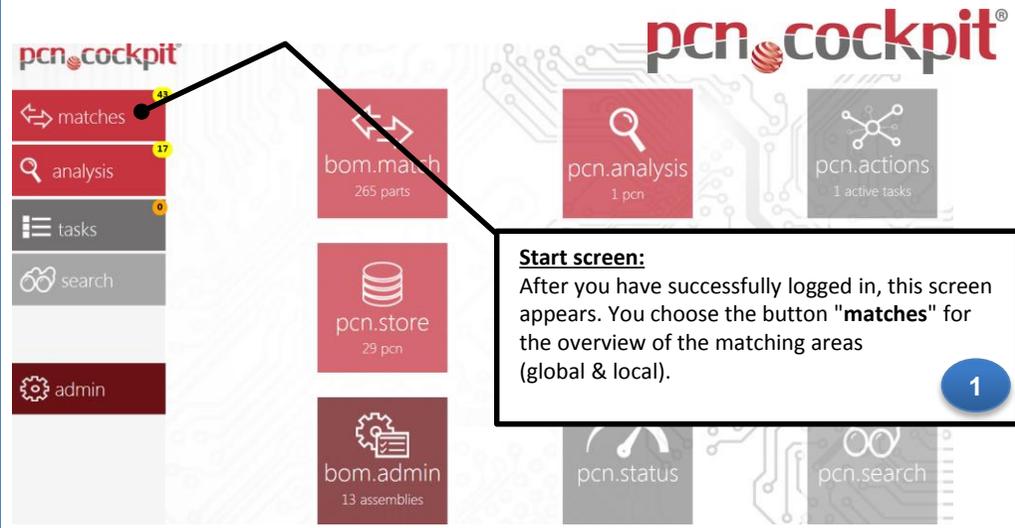
PCN Flowchart up to the analysis tasks and action tasks



Functional area



- matches:** Which PCN has a match with your parts (No. and Name) / Agreement to your parts
- analysis:** All PCNs, EOL, LTB, MAJOR, MINOR, (ALERT *), by assmby, by partnumber, by manuf.
- tasks:** Analysis, personal actions tasks & alert tasks
- search:** Search for PCN and tasks
- admin:** Admin area * (* = Only visibly if enable by admin / IT)



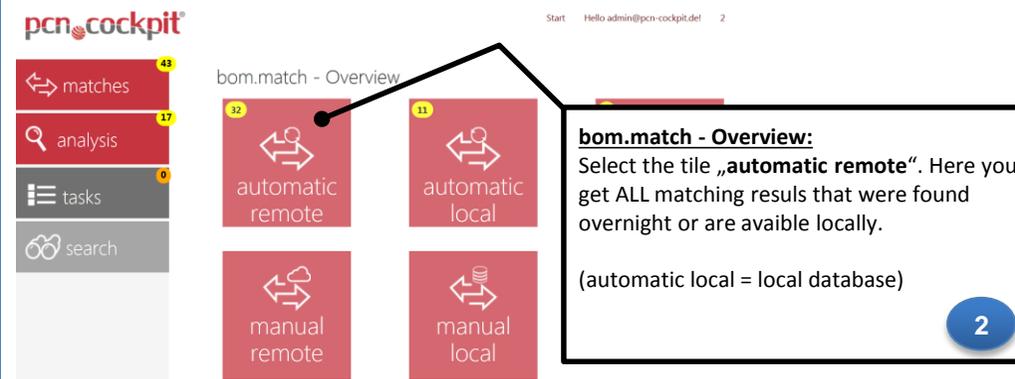
Start screen:
After you have successfully logged in, this screen appears. You choose the button "matches" for the overview of the matching areas (global & local).

1

bom.match - Overview:
- automatic remote
- automatic local
- non matched
- manual remote
- manual local

pcn.analysis - Overview:
- all PCN, EOL, LTB
- MAJOR, MINOR, (ALERT *)
- by assembly, by partnumber, by manufacturer

pcn.actions - Overview Task Types:
- analysis tasks
- action tasks
- (alert tasks*)

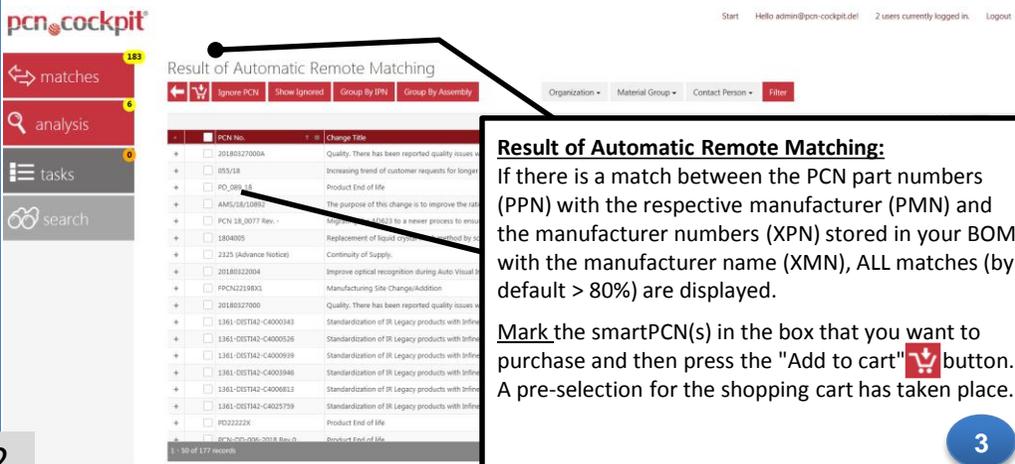


bom.match - Overview:
Select the tile „automatic remote“. Here you get ALL matching results that were found overnight or are available locally.
(automatic local = local database)

2

pcn.store - Overview: (import, new, details, edit)
- all PCN, EOL, LTB
- MAJOR, MINOR, ALERT
- by partnumber, by manufacturer

pcn.creator
Create your own PCN, with an already imported BOM.



Result of Automatic Remote Matching:
If there is a match between the PCN part numbers (PPN) with the respective manufacturer (PMN) and the manufacturer numbers (XPN) stored in your BOM with the manufacturer name (XMN), ALL matches (by default > 80%) are displayed.
Mark the smartPCN(s) in the box that you want to purchase and then press the "Add to cart" button. A pre-selection for the shopping cart has taken place.

3

bom.admin - Overview: (import, new, edit, details, delete)
- assemblies
- internal parts
- external parts

pcn.status - Overview
- Dashboard
- Reports

pcn search
Search for already local smartPCN or Tasks

4a Buy PCN

4b Buy PCN

1/3 PCN successfully transferred

Name: Administrator
Org Unit:

Available Credits: 72
To Buy: 1
Remaining Credits: 72

Content of Cart

PCN No	Manufacturer	Remove
1 1251-DIST142-C4000526	Infineon	Remove
2 des-fp-58-1707pcn	Baffed88	Remove
3 EOL-170721-pe-39	Hiloz77	Remove

Transfer PCN:

4 a. If you wish delete PCN from the list before start the download, pressing . If the PCNs listed correspond to your choice, you need only to click on the button and the purchase/download starts.

4 b. After successful DOWNLOAD the message appears: **X/X PCN successfully transferred.** The number of "Free Credits" is reduced by the number of smartPCNs purchased.

Your purchased smart PCNs are now in the following tile „automatic local“.

With this Button , you return to the previous point **3**

Close der Button **analysis** and you are going to point **5**

pcn.analysis - Overview

all PCN 8 pcn

EOL 2 pcn

LTB 2 pcn

w/o EOL MAJOR 5 pcn

MINOR 1 pcn

ALERT 0 pcn

by assembly

by partnumber

by manufacturer

pcn.analysis - Overview:

The white circles indicate the recently purchased PCNs. The yellow circle indicates the total number of yet unprocessed PCN.

The total number of PCNs within a category is displayed at the bottom of each tile.

The tile ALERT doesn't appear in the standard configuration, it is hidden there. *

If you are looking for a particular PCN, you can list the PCN with other criteria by using the grey tiles. Select the red tile "all PCN" and go to the next point.

pcn.analysis - All

Show done

PCN No	PCN Title	Manufacturer	Issue Date	Status	Affected Assemblies	Import Date	Category
055/18	Extension of the Maximum Storage Time...	Infineon	2018-06-15	unprocessed		2018-08-29	Major
PCN 16_0290 Rev..	ADM2682/ADM2687 Polyimide Change	Analog Devices	2017-01-20	WIP:		2018-08-29	Major
ABC88XYZ Rev.	Product Change Notification (PCN)	DDM	2018-01-17	unpr		2018-08-29	Major
V16-003-3200215..	Product Change Notice	Broadcom	2016-06-20	WIP:		2018-08-29	Major
PDN 16_0050 Rev..	ADI Corporate Obsolescence Notice-201...	Analog Devices	2016-07-13	unpr		2018-08-29	EOL
CRP/17/10402	Logistic PCI related to Inner Customized...	STM	2017-07-27	unpr		2018-08-29	Minor
ABC88XYZ	Product Change Notification (PCN)	DDM	2017-07-31	WIP: Analysis needed (3)	Kugelschreiber neutral, Kugel...	2018-08-29	Major

Grey button means: No action has yet started

pcn.analysis - Category:

Sort e.g. after „Import Date“ up our down the small white arrow or use the separate sorting* and MAP it.

Make sure, that no sorting is set already!

If you have found your PCNs, click the Button and MAP it.

(brigh red) = At least one part mapping done, but other parts still open.

(dark red) = Mapping is finish, all parts assigned and no part is open.

Mapping

PCN No	PCN Title	Manufacturer	Issue Date	Mapped Parts	Open Matched Parts	Excluded Matched Parts
EOL-170721-pe.39	Produktabkündigung	Huloz77	2017-07-21	0	1	20

List of Mapped Parts

List of Matched Parts

Open Mapped Excluded

Internal	External	Similarity %	Status	Automatic?		
IPN	XPN	PPN				
<input type="checkbox"/>	1009_ms	pe.3997.hhu	pe.3997.hhu	100.0	Mapped	
<input type="checkbox"/>	1009_mb	pe.3995.hhu	pe.3990.hhu	90.9	Excluded	
<input type="checkbox"/>	1009_ms	pe.3997.hhu	pe.3990.hhu	90.9	Excluded	
<input type="checkbox"/>	1009_mr	pe.3993.hhu	pe.3990.hhu	90.9	Excluded	
<input type="checkbox"/>	1009_mn	pe.3999.hhu	pe.3990.hhu	90.9	Excluded	
<input type="checkbox"/>	1009_mb	pe.3995.hhu	pe.3992.hhu	90.9	Excluded	
<input type="checkbox"/>	1009_mr	pe.3993.hhu	pe.3992.hhu	90.9	Excluded	
<input type="checkbox"/>	1009_ms	pe.3997.hhu	pe.3992.hhu	90.9	Excluded	
<input type="checkbox"/>	1009_mn	pe.3999.hhu	pe.3992.hhu	90.9	Excluded	
<input type="checkbox"/>	1009_mb	pe.3995.hhu	pe.3996.hhu	90.9	Excluded	

MAPPING:

1. The MAPPING refers to the smartPCN listed in the header.
2. In the lower part you see the corresponding „Matched Parts“ listed accordingly in the internal and external area. Check the parts (through a single or multiple selection) which e. g. have a 100% match in XPN (your external manufacturer number) to the PPN (PCN part number)
3. Map ALL parts (Status: **Mapped**), that you want to link to the PCN.
4. Exclude ALL parts (Status: **Excluded**), that are not affected.
(You can also do the the number 4. before number 3. which is more skillful for many parts.)
5. If all parts are assigned and there are no more open parts, please press the save Button  **(Don't forget !)**

Mapping

PCN No	PCN Title	Manufacturer	Issue Date	Mapped Parts	Open Matched Parts	Excluded Matched Parts
EOL-170721-pe.39	Produktabkündigung	Huloz77	2017-07-21	1	0	20

List of Mapped Parts

Internal	External	Automatic?		
IPN	XPN	PPN		
<input type="checkbox"/>	1009_ms	pe.3997.hhu	pe.3997.hhu	

Meldung von Webseite

Really set PCN to Done?

OK Abbrechen

List of Matched Parts

MAPPING:

Now you have clearly assigned parts, that are affected by the PCN. The lower part with open parts has disappeared and the mapping is closed.

After all parts are assigned and there are no more open parts, now it is possible to set the PCN as done.

Then press the button  if you **don't want to start a Workflow**. Afterwards confirm the security question and the PCN processing is already finished.

pcn cockpit

matches 179

analysis 4

tasks 0

search

categorization

Linking

PCN: EOL-170721-pe.39, Title: Produktabkündigung

IPN: 1009_ms

Assembly: DDM_black.02, Name: Kugelschreiber schwarz

Expand/Collapse All Export Close

List of Mapped Parts

Internal	External		
IPN	XPN		
<input type="checkbox"/>	1009_ms	pe.3997.hhu	pe.3997.hhu

List of Matched Parts

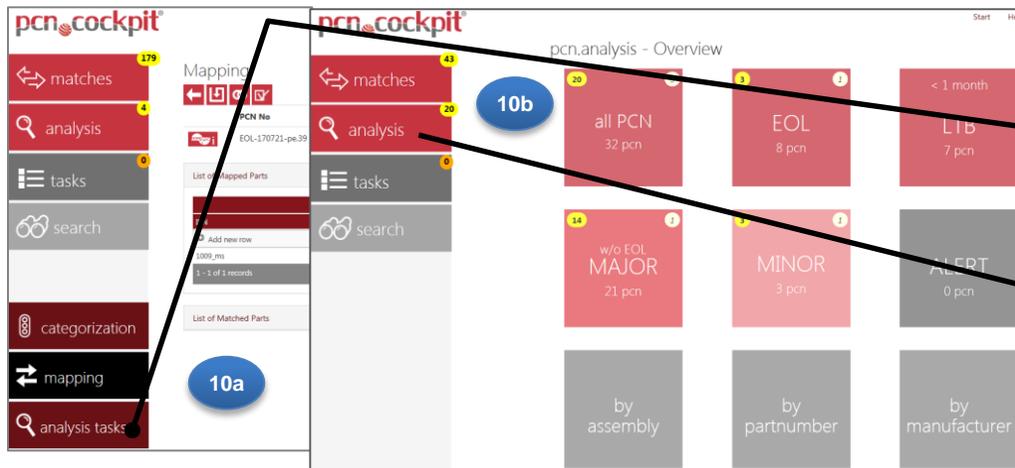
LINKING result:

Press the LINKING button  and you recognize immediately which parts oder assemblies, up to the end Product are affected. You can see the complete tree structure (the parts where used list) depending on how the product list was created.
Though this only make sense, if the affected parts have been mapped.

This function is also available from point **7**.

If you desired, you can export the result to an Excel file.

After the MAPPING comes the **ANALYSIS** and **ACTION**.
→ from Point: **10**

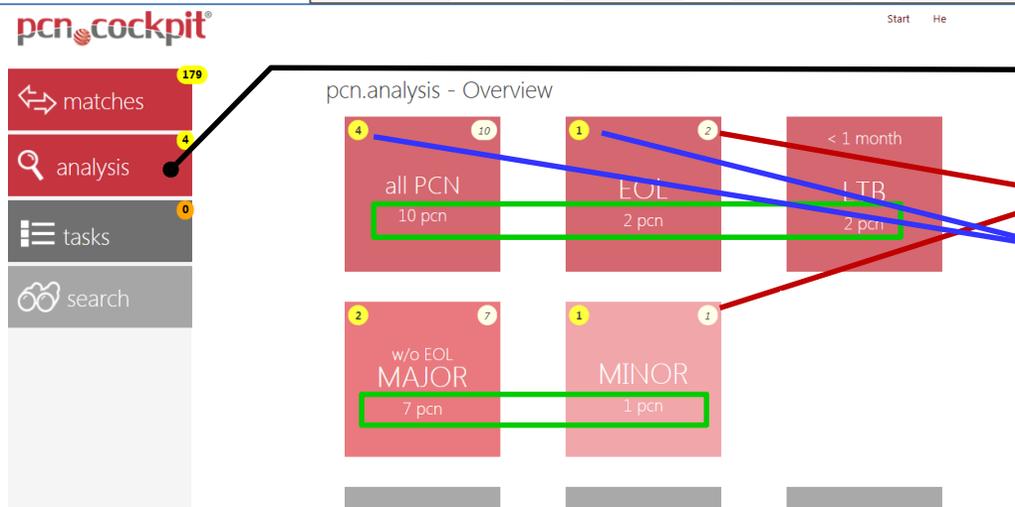


The ANALYSIS and the ACTION

10 a. When the Mapping is finished, you can start an analysis Workflow for the corresponding smartPCN directly via the button analysis task  (You can go directly to point **13** .)

10 b. pcn.analysis - Overview:

1. To get an overview of all procured smartPCNs, press the Button **analysis** 
2. Then press the red tile „all PCN“ and go directly the point **12** .



The alternative way to the **pcn.analysis – All**

1. Click the button analysis:
2. Select **EOL** or **MAJOR** oder **MINOR**, based on the importance. Make sure, that at least one PCN is present in this area (bottom line of the tile)

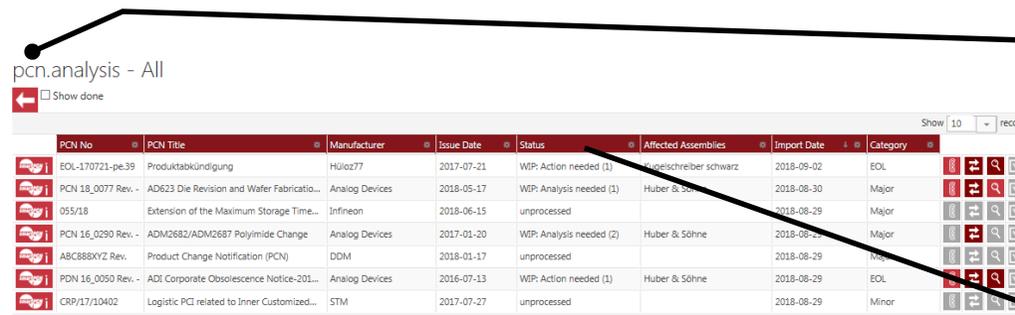
PCNs that were last purchased are always in white circle.

PCNs that are older and have not been mapped are shown in the yellow circle.

Total amount of PCNs in the related tile **EOL**, **MAJOR**, **Minor** or **LTB <1 month**.

After you have made your PCN preselection by clicking on the respective tile, you will get the PCN overview of the selected group.

(Follow-up point **12** is similar, referring to all PCN without preselection).



pcn.analysis - All:

If you click the gray button analysis  you start Analysis Workflow for the respective smartPCN. Click this button to go to point **13** .

If the analysis has already started, but has not yet finished, the color of the button is light red 

When the analysis is complete, the color of the button is dark red. 

Important: In the Status column, you can see where the status of each smartPCN is.

For PCN

PCN No	PCN Title	Manufacturer	Issue Date
989-DIST142-C4000343	BARCODE PRODUCT LABEL UPDATE (FOR LEGACY IR PRODUCTS)	Infineon	2017-02-24

Affected mappings

Filter by Assemblies

Assembly Number	Assembly Name
E_8875005	BG_1934
HX13	Mäuser GmbH
HX14	Mäuser GmbH

Select Mappings for Analysis Workflow

Assembly Number	Assembly Name	IPN	PPN	Used
E_8875005	BG_1934	88806999-34	IR2110SP8F	<input type="checkbox"/>
E_8875005	BG_1934	88806999-34	IR2110STRP8F	<input type="checkbox"/>
E_8875005	BG_1934	88806999-35	IRF7821P8F	<input type="checkbox"/>
E_8875005	BG_1934	88806999-35	IRF7821TRP8F	<input type="checkbox"/>
HX13	Mäuser GmbH	88806999-80	IRF7821P8F	<input type="checkbox"/>
HX14	Mäuser GmbH	88806999-81	IRF7821P8F	<input type="checkbox"/>

Select Type

-- Select One --

Analysing - Create Workflow:

13

1. All hooks are set by default. You can decide whether you want to start the workflow with all assemblies(if there are several) or only with ones you have selected. In the table of the right, you decide whether this should be done for all assemblies numbers.
 2. Then decide in the Drop-Down list bellow whether you want to start this defined workflow = „Analysis in PCN Assembly“ or skip = „Skip Analysis“.
 3. Then confirm the create button  and the lower area on the same page opens.
- (See point **14** .)

New Workflow



Description Analyse PCN 989-DIST142-C4000343 in Assembly BG_1934, Mäuser GmbH, Mäuser GmbH

Target Date 2018-09-05

Reminder Date 2018-09-04

Reminder Repeat Days 1:3;

Tasks

Task Number	Org Unit	Additional E-Mails	Description
<input type="checkbox"/>	R&D_01		
<input type="checkbox"/>	Con.		
<input type="checkbox"/>	Proc.		
<input type="checkbox"/>	LL		
<input type="checkbox"/>	Sales		

1 - 4 of 4 records

Documents

New Workflow:

14

These values are entered automatically, but can be changed by the administrator or in this windows by default. Behind each department (e.g. Con.) there are already any number of people with your e-mail address. You don't need to enter a recurring contact person here.

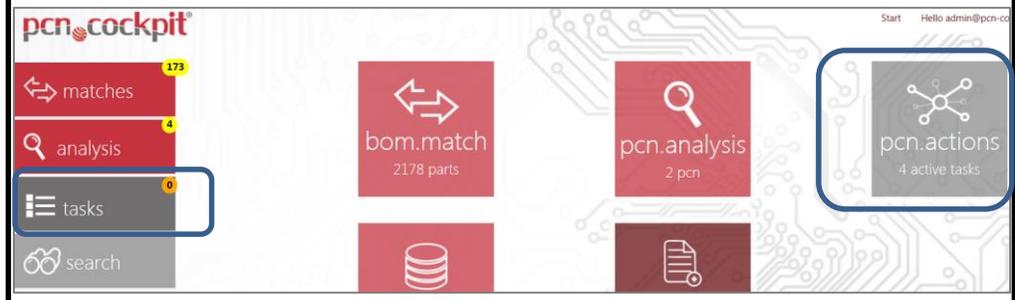
1. Enter additional mail addresses here only if you want to address additional mail recipients.
2. Enter your request or comments here (Description below)
3. Select the respective departments with the persons behind them (X), if there not to be included in the workflow. You can also add other OrgUnits if they were created by the administrator.
4. If it is necessary, upload documents and connect to this workflow .
5. Then press the **SAVE** button 

The ANALYSE workflow has now been created and the respective mails (to the stored mail recipients) are sent automatically. The prerequisite is that you have the OPTION E-Mail Notification.

If you have the Email Notification option in your software version:

Every mail recipient automatically receives a TASK message by mail, if he has been addressed by the PCN manager before. Here the recipient gets ALL relevant PCN details like the workflow no. / task description and which assemblies are affected.

1. By clicking on this link [Click here](#), the respective recipient is forwarded exactly to the appropriate task in the workflow pcn.cockpit. (See point **16**)
(If the system is not open, you have to log in.)
2. If you do not have an e-mail notification, click on the tile "pcn.actions" or the button "tasks" and you will be taken to another screen with 2 sub-tiles. The number in the button or tile tells you whether you have tasks to process. Via the software you can see all open tasks and via the e-mail notification you get exactly to the addressed & open task.
3. *(Only the creator and the recipient of a task can view and edit it.)*



pcn.actions – My Analysis Tasks:

After clicking the + sign, you can see your task(s). After clicking the button to the task, you will see the question and can answer it. See point **17**

You receive this e-mail because your pcn.cockpit® manager created an **Analysis task** for you.

Please process the following task until **2018-09-07**:

To open workflow in pcn.cockpit®: [Click here](#)

Workflow #	008
Task #	L.L.
Task Description	Wird dieses Assembly im Verkauf noch benötigt?
Target Date	2018-09-07
IPNs	88806999-35 88806999-34 88806999-80 88806999-81
Assemblies	E_8875005 HX13 HX14
XPNs	IRF7821PBF IR2110SPBF IR2110STRPBF
PPNs	IRF7821PBF IR2110SPBF IR2110STRPBF
PCN #	989-DISTI42-C4000343
PCN Category	Minor
PCN manufacturer (PMN)	Infineon

All contact persons who are stored for the selected OrgUnit and/or the e-mail address was additionally entered directly.

This is a service from your pcn.cockpit®.

pcn.actions – My Analysis Tasks

Workflow #	Name	PCN	Assembly Names	Target Date	Reminder Date	Reminder Repeat Days	Creator	Workflow Status	Tasks count	Locked
008	Analyse PCN 989-DISTI42-C4000343 in Assembly BG_1934, Mäuser...	989-DISTI42-C4000343	BG_1934, Mäuser GmbH	2018-09-07	2018-09-06	1,3;	admin@pcn-cockpit.de	OPEN	1	
Task #	Description	Org Unit	Additional E-Mails	Task Status	Criticality	Locked				
LL	Wird dieses Assembly im Verkauf noch benötigt?	Sales		Open						

PCN #	PCN Title	Manufacturer	Issue Date
989-DISTI42-C4000343	BARCODE PRODUCT LABEL UPDATE (FOR LEGACY IR PRODUCTS)	Infineon	2017-02-24

Workflow #	Workflow Name	Task #	Org Unit	Target Date	Task Description
008	Analyse PCN 989-DISTI42-C4000343 in Assembly BG_1934, Mäuser GmbH, Mäuser GmbH	LL	Sales	2018-09-07	Wird dieses Assembly im Verkauf noch benötigt?

Criticality: -- Select One --

Task State: Open

Comments: Add new comment

Documents: Add new document

pcn.action - Analysis Task Details:

1. After clicking on the + sign, you can open the task by clicking on the Task button and you will get to this screen.
 2. Select **Criticality**: None or Green or Yellow or Red.
 3. Select **Task State**: **Open** or **WIP** or **Done**.
Chose **Done**, if you can complete this request for yourself.
WIP, if you cannot provide a final answer.
 4. Enter your answer under Comment and add an attachment if necessary.
(Add attachment under **Documents**)
 5. Don't forget to press the **SAVE** button .
 6. Leave the screen by clicking on the **X**.
- The PCN Manager automatically receives a task entry and if you have the OPTION E-mail Notification, an e-mail is automatically sent to the initiator.

PCN No	PCN Title	Manufacturer	Issue Date
989-DISTI42-C4000343	BARCODE PRODUCT LABEL UPDATE (FOR LEGACY IR PRODUCTS)	Infineon	2017-02-24

Workflow #	Workflow Name	Assembly Names	Target Date	Reminder Date	Creator	Workflow Status	Tasks count	Locked
008	Analyse PCN 989-DISTI42-C4000343 in Assembly...	BG_1934, Mäuser Gm...	2018-09-07	2018-09-06	admin@pcn-cockpit.de	DONE	1	

Task # | Description

LL | Wird dieses Assembly im Verkauf noch benötigt?

Analysing

- 18 a. If you have received your e-mail feedback as a PCN manager and [Click here](#), you will be directed to the corresponding workflow. Press the + sign and you can see the corresponding TASK. The button appears in the TASK line, indicating that an action can now be created.
- 18 b. By pressing the button, you can view the answer you received as a PCN manager.

Criticality: Green

Task State: Done

Comments: Add new comment

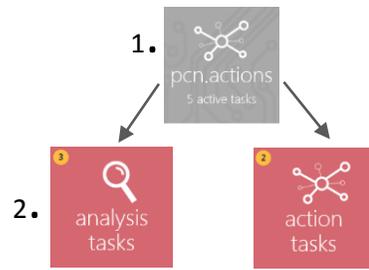
Documents: Add new document

Create Action Tasks

If you now want to start an action for this analysis task or want to skip it, press the button . Then proceed as described in point 13 to 17 to complete the action. Point 19 explains the buttons and their color meaning.

Meaning of the characters in the Analysis:

- Create Workflow
- Task details
- Skipped



Bedeutung der Zeichen bei Action:

- Create action workflow / task (Gray: no action started yet.)
- Create action workflow / task (Light red: at least one workflow was started.)
- Create action workflow / task (Dark red: action completed, more can be created.)
- Go to action workflows (Grey means: there are no action workflows.)
- Go to action workflows (Light red means: there is at least one workflow that has not been completed)
- Go to action workflows (dark red means: all action workflows completed)

pcn.actions - Overview Analysis Tasks

To get an overview of ALL TASK as a PCN manager, go to the pcn.actions tile in the work area. The stored number tells you whether there are analysis and / or action tasks.

1. Click on the tile in the main screen and then on tile **analysis** or **action** depending on your machining requirements.

2. **Using the Example of the analysis tasks:** In the main screen, click on the tile Analysis and you will reach to point

20 „pcn.actions – Overview Analysis Task“.

3. After clicking on the + sign, the individual tasks for each workflow can be viewed. Only when the respective analysis TASK has been set to Done, the button "Create action task" appears.

4. If you now click on the grey button , you come to the next point: "pcn.actions - Create action task".

On the left side the buttons and the definition of the color are explained.

pcn.actions - Overview Analysis Tasks

Workflow #	Name	PCN	Assembly Names	Target Date	Reminder Date	Reminder Repeat Days	Creator	Workflow Status	Tasks count	Locked
002	Analyse PCN des-fp.58-1707pcn in Assembly BOM Innenteile	des-fp.58-1707pcn	BOM Innenteile	2018-09-02	2018-09-01	0	admin@pcn-cockpit.de	DONE	1	✓
Task #	Description	Org Unit	Additional E-Mails	Task Status	Criticality	Locked				
LL	Können wir ein Ersatzprodukt verwenden?	Sales		Done	Green	✓				
003	Skip analysis for PCN EOL-170721-pe.39	EOL-170721-pe.39	Kugelschreiber schwarz				admin@pcn-cockpit.de	DONE	0	
004	Analyse PCN 989-DISTI42-C4000343 in Assembly BG_1934, Mäuser G...	989-DISTI42-C4000343	BG_1934, Mäuser GmbH	2018-09-05	2018-09-04	1;3;	admin@pcn-cockpit.de	OPEN	1	
Task #	Description	Org Unit	Additional E-Mails	Task Status	Criticality	Locked				
LL	Wird dieses Assembly im Verkauf noch benötigt?	Sales		Open						
005	Analyse PCN PCN 18_0077 Rev. - in Assembly Huber & Söhne	PCN 18_0077 Rev. -	Huber & Söhne	2018-09-05	2018-09-04	1;3;	admin@pcn-cockpit.de	OPEN	1	
Task #	Description	Org Unit	Additional E-Mails	Task Status	Criticality	Locked				
LL	1 Analyse offen, 2 in Bearbeitung	Sales		Open						
006	Analyse PCN PCN 16_0290 Rev. - in Assembly Huber & Söhne	PCN 16_0290 Rev. -	Huber & Söhne	2018-09-06	2018-09-05	1;3;	admin@pcn-cockpit.de	WIP	2	
Task #	Description	Org Unit	Additional E-Mails	Task Status	Criticality	Locked				
LL	Benötigen Sie dazu eine Zeichnung?	Con.		Done	Yellow					
Test_111	Ist diese Änderung für den VEtrieb relevant?	Sales		Open						