

## PCS PaP and CT import user manual

Content

### Introduction

It is a user guide that has a detailed description of the template excel file. It describes how to fill the data on your own and what are the rules to follow when importing the pre-constructed products: Pre-arranged Paths (PaPs) and Catalogue Paths (CT) into PCS.

- The description and format of the Excel file
- PCS front-end behavior when the file is uploaded/imported
- Errors and warnings that can occur

### Catalog Excel file format

The excel import file consists of the following sheets and in the following order:

- PARAMETER SET CODE
- ACTIVITY TYPES LEGEND
- LOCATIONS
- TIMETABLES
- DISTANCES

The import excel file has the following constraints:

1. no hidden sheets
2. do not change the sheet names
3. each sheet starts from the first row (A1) with the column header. Some header has merged cells described later when introducing each sheet.
4. do not change the color of the header
5. do not change the column header's text or order
6. enter data in each row, the sheets can contain mandatory or optional blank cells
7. delete blank rows

**Note: please check the sheet before importing the file otherwise, the data will not be read properly and leads to errors!**

All of these sheets will be described in more detail in the sections below.

### Parameter set codes Sheet

This is the first sheet in the excel file, these predefined sets help to import the pre-constructed products into the system. It defines the train parameters and some additional information as OTHER comments. These comments will be presented in the dossier at the common parameter section, i

Columns definitions:

- AGENCY: mandatory field, creator IM, should be a registered valid IM agency in PCS, it is a text field
- PARAMETER SET CODE: mandatory field, name of the parameter, should be a unique name, it is a text field
- MAX TRAIN LENGTH (m): mandatory field, number format, max. 5 digits long. The value must be greater than the value entered in the "Length of set of carriages" column.
- MAX TRAIN WEIGHT (t): mandatory field, number format max. 5 digits long. The value must be greater than the value entered in the "Weight of set of carriages" column.
- MAX LENGTH OF SET OF CARRIAGES (m): optional field, number format max. 5 digits long. The value must be less than the value entered in the "Train length" column.
- MAX WEIGHT OF SET OF CARRIAGES (t): mandatory field, number format max. 5 digits long. The value must be less than the value entered in the "Train Weight" column.
- REFERENCE LOCO: mandatory field, loco type number that has been registered previously in the system and published by the creator IM, a text field with 12 character limit
- PROFILE: optional field, container profile, should be text field in the format of "P/C XX/YY" (for ex. "P/C 70/400")
- PLANNED SPEED: mandatory field, number format max. 5 digits long. It must be less than the max traction speed of the loco type.

- MIN BRAKED WEIGHT PERCENT: optional field, number format with 2 digits long
- OTHER: optional field, place additional comments if needed, it is a text field

	A	B	C	D	E	F	G	H	I	J	K
1	AGENCY	PARAMETER SET CODE	TRAIN LENGTH	TRAIN WEIGHT	LENGTH OF SET OF CARRIAGES	WEIGHT OF SET OF CARRIAGES	REFERENCE LOCO	PROFILE	PLANNED SPEED	MIN BRAKED WEIGHT PERCENT	OTHER
2	DB-Netz	O4DB01	670		650	1720	80 6185-2	P/C 70/400	90	65	brake position G
3	DB-Netz	O4DB02	680		660	1755	80 6185-2	P/C 70/400	90	65	brake position G
4											
5											
6											
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27											

For further information regarding [parameter set code](#) and [mandatory train parameters in detail](#) click on the links.

### Activity Types Legend Sheet

The next sheet is the "ACTIVITY TYPES" sheet. The definition of activity types for the locations is the same as today in PCS. It defines the activity type codes, the responsible IM agency with its description. You can add as many as you need, there are **NO limits** to adding the number of activity types.

- AGENCY: mandatory field, activity types are classified according to the type of agency. Two types will be used: RNE or IM agency:
  - RNE: the pre-defined parameters based on TAF/TSI regulation are marked by RNE.
  - IM agency: It's a text field, IMs have the possibility to define their national activity types in English. The default language setting in PCS is English, and if you have other language settings then PCS translates. This information is not presented in the GUI
- CODE IN TEMPLATE: mandatory field, the code is also classified according to agency type, described above:
  - RNE activity types: pre-defined word abbreviation (PD) and the 2 digits number (e.g.: pd01= Commercial stop)
  - IM's defined: free text field, it can be anything depending on the IM needs. It could be defined according to the RNE format.
- ACTIVITY TYPE CODE: mandatory field, code of the activity type, this code is used for mapping purposes between the excel file and DB, text field with 4 character limitations. The mapping table is available in PCS under the Administration/Activity types submenu.
- ACTIVITY TYPE DESCRIPTION: optional field, a brief description of the activity type, it's a text field

	A	B	C	D
1	AGENCY	CODE IN TEMPLATE	ACTIVITY TYPE CODE	ACTIVITY TYPE DESCRIPTION
2	RNE	pd1	0001	Commercial stop
3	RNE	pd2	0002	Operational stop
4	RNE	pd3	0003	Service stop
5	RNE	pd4	0004	System stop
6	RNE	pd5	0005	Reversing stop
7	RNE	pd6	0006	Stops for reversing move or driver change ends
8	RNE	pd7	0007	Stops for locomotive to run round train
9	RNE	pd8	0008	Technical check/inspection coaches/wagons
10	RNE	pd9	0009	Change gauge
11	RNE	pd10	0010	Add engine
12	RNE	pd11	0011	Detach engine
13	RNE	pd12	0012	Change engine
14	RNE	pd13	0013	Add coach/wagon
15	RNE	pd14	0014	Detach coach/wagon
16	RNE	pd15	0015	Change coach/wagon
17	RNE	pd16	0018	Parking of vehicle
18	RNE	pd17	0019	Mail/parcel services
19	RNE	pd18	0020	Shunting
20	RNE	pd19	0021	Shunting service
21	RNE	pd20	0022	Terminal service (terminal in the meaning of final destination)
22	RNE	pd21	0023	Loco driver change
23	RNE	pd22	0024	Loco driver break
24	RNE	pd23	0025	Crew change
25	RNE	pd24	0026	Custom and passport facilities
26	RNE	pd25	0027	Other stop reason (miscellaneous)
27	RNE	pd26	0028	Boarding only
28	RNE	pd27	0029	Disembarking only
29	RNE	pd28	0030	Stop on request
30	RNE	pd29	0031	Departure equals to arrival time
31	RNE	pd30	0032	Departure after disembarking
32	RNE	pd31	0033	No waiting for connection
33	RNE	pd32	0034	Watering
34	RNE	pd33	0035	Heating
35	RNE	pd34	0036	Cleaning / disinfecting
36	RNE	pd35	0037	Treatment on plants and live animals

**Note: Use a comma to separate activity types!**

Valid formats are:

- pd13,pd35 (without space in front and after the comma)
- pd13, pd35 (with space after the comma)
- pd13 ,pd35 (with space in front and after the comma)

### LOCATIONS Sheet

The location sheet should contain **all location names** used in the catalog.

Columns definitions:

- Agency name: mandatory field, name of the responsible IM agency where the location has been previously registered and published in PCS, it's a text field
- Location name in the template: mandatory field, name of the location used in the template excel import, it's a text field
- Location name in PCS: mandatory field, location name in PCS, synchronized with BigData with CRD (Common Repository Database).
- Primary location code (PLC abbreviation will be used further in the user guide): PLC for the location. This information equals with CRD's primary location code, it's a number format 5 digits long
- ENEE\_code: optional field, ENEE code for the location, in a standard international format

Agency name	Location name in template	Location name in PCS	Primary location code	ENEE-code
DB-Netz	Einsiedlerhof		12782	
DB-Netz	Forbach		XFFB	
DB-Netz	Mannheim Rbf Gr G		16749	
DB-Netz	Mannheim Rbf Gr K/Kn		16750	
DB-Netz	Neunkirchen (Saar) Hbf		17584	
DB-Netz	Saarbruecken Rbf Nord		19166	

**Note: one location in one row, no matter if it belongs to the same or new agency name or country!**

Rules should be followed when adding a location:

1. Must enter location name into 'B' and 'C' column
2. The ENEE code must be valid
3. The primary location code must be valid
4. There should be at least one code (PLC or ENEE or both but PLC code has priority over ENEE code)

There are several ways to resolve a location used in an Excel file to a PCS location:

1. If the **PLC is present**, then PCS tries uniquely to resolve the location:
  1. First, only from PLC
  2. Next, from PLC and ENEE id combination
2. If **PLC is NOT present** or no location was resolved with the 1 case, then PCS tries again uniquely to resolve the location:
  1. First, only from ENEE id
  2. Next, from ENEE id and location name from ENEE code
  3. And finally, from the ENEE id and "location name in template" column

If the operation can't be uniquely resolved, then it displays a warning (or data error) message so that the user has the possibility to enter the correct value. This will be described in later front-end behavior.

## TIMETABLES sheet

In the older version, it was possible to create the timetables (origin-destination pairs) on separate sheets but the new version contains **all timetables in one sheet**. One line is one PaP dossier. It has a new structure that can be divided into 3 main sections:

- "Basic data": the **column headers are wide because the first two rows are merged** in the sheet. It contains the basic information for the pre-constructed products:
  - PAP ID: unique per origin-destination pair, a mandatory text field with 12 character limitations, **do not leave empty!**
  - DOSSIER TYPE: optional text field, define the type of **Fix** or **Flex**. This information is not relevant to CT import. **If this value is not present, the PaP will be imported as Fix PaP by default.**
  - INVOLVED RFC: optional text field, number of the RFC in the following format: C02, C03 (C=Corridor & number of the Corridor). If the PaP is passing through more Corridors then these Corridors can be added as involved participants. This information is not relevant to CT import. **Note other involved Corridors!**
  - DIRECTION: mandatory field, define the origin-destination direction. One PaP can have only one direction. This information is not relevant to CT import. It works the same way as before, could be in the following format **without spaces**:
    - N-S or
    - S-N or
    - E-W or
    - W-E
  - ORIGIN: mandatory field, origin location where the PaP section starts, previously defined at the "LOCATIONS" sheet in the "LOCATION NAME IN TEMPLATE" column
  - DESTINATION: mandatory field, destination location where the PaP section ends, previously defined at the "LOCATIONS" sheet in the "LOCATION NAME IN TEMPLATE" column
  - PARAMETER RECOMMENDATION: optional field, mark it with a letter 'X' if the parameters as a recommendation, the default value is a restriction. Recommendation means that later the applicants will be allowed to exceed the published weight and length values of the PaP.

PAP ID	DOSSIER TYPE	INVOLVED RFC	DIRECTION	ORIGIN	DESTINATION	PARAMETER RECOMMENDATION
RFC624PaP13	flex	C02, C03	W-E	Forbach	Saarbruecken Rbf Nord	X
RFC624PaP15	flex	C02, C03	W-E	Forbach	Saarbruecken Rbf Nord	
RFC624PaP25	flex	C02, C03	W-E	Forbach	Saarbruecken Rbf Nord	X
RFC624PaP03	flex	C02, C03	W-E	Forbach	Mannheim Rbf Gr K/Kn	
RFC624PaP05	flex	C02	W-E	Forbach	Mannheim Rbf Gr K/Kn	X
RFC04PaP09	flex	C02	W-E	Forbach	Mannheim Rbf Gr K/Kn	
RFC624PaP11	flex	C02	W-E	Forbach	Mannheim Rbf Gr K/Kn	X
RFC04PaP17	flex	C02	W-E	Forbach	Mannheim Rbf Gr K/Kn	
RFC04PaP19	flex	C03	W-E	Forbach	Mannheim Rbf Gr K/Kn	
RFC426PaP08	flex	C02, C03	E-W	Mannheim Rbf Gr G	Forbach	
RFC04PaP10	flex	C02	E-W	Mannheim Rbf Gr G	Forbach	X
RFC04PaP14	flex	C02	E-W	Mannheim Rbf Gr G	Forbach	
RFC426PaP18	flex	C02	E-W	Mannheim Rbf Gr G	Forbach	X
RFC426PaP22	flex	C02	E-W	Mannheim Rbf Gr G	Forbach	
RFC426PaP26	flex	C03	E-W	Mannheim Rbf Gr G	Forbach	

- Calendar: It is a mandatory field and must not be empty. It shows the weekly circulation days when the train is running. **The train must run for at least one day!!** It works the same day as before in the old version, marking the running days with the letter 'X'. The column header consists of second row represents the weekdays 1-7 format:

	H	I	J	K	L	M	N
1	CALENDAR						
2	1	2	3	4	5	6	7

- Location: defines the PaP section sequence of locations starting from the Origin until Destination. The location header itself consists of two rows:

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1	LOCATION Merged cells												
2	NAME	PATH NR.	PARAM.	NOTE	ACTIVITY TYPE	SJT	MNS	TST	ARR	ARR TZ	DEP	DEP TZ	PROTECTED

See a simple example if the origin point is Forbach with an intermediate Saarbruecken Rbf Nord until the destination of Neunkirchen (Saar) Hbf:

E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	
ORIGIN	DESTINATION	PARAMETER RECOMMENDATION	CALENDAR							NAME	PATH NR.	PARAM.	NOTE	ACTIVITY TYPE	SJT	MNS	TST	ARR	ARR TZ	DEP	DEP TZ	PROTECTED	NAME	PATH NR.	PARAM.	NOTE	ACTIVITY TYPE	SJT	MNS	
Forbach	Neunkirchen (Saar) Hbf	X	x	x	x	x	x	x	x	Forbach	99408	04DB01									03:49		X	Saarbruecken Rbf Nord	99408	04DB02	Path not available 17.07. - 29.08.2021 due to works/closed line			
Forbach	Neunkirchen (Saar) Hbf		x	x	x	x	x	x	x	Forbach	99412	04DB01									05:00		X	Saarbruecken Rbf Nord	99412	04DB03	Path not available 17.07. - 29.08.2021 due to works/closed line			

Pre-condition & rules:

- Locations of the PaP section must be defined in the "LOCATIONS" sheet in 'B' or 'C' columns!
- Adding a new location you must copy the location header (both rows)
- Add as many locations as you need, moving in the right direction

In the first row of the header is merged 13 cells horizontally together. The second row defines the followings values:

- NAME: mandatory field, origin location where the PaP section starts, previously defined at the "LOCATIONS" sheet in the "LOCATION NAME IN TEMPLATE" column. Also, the origin and destination locations must be the same as in the "TIMETABLES" sheet, in 'E' (Origin), and an 'F' (De
- PATH NR: optional identifier on path section level
- PARAM: mandatory field, the parameter that has been defined in the "PARAMETER SET CODE" sheet in the 'B' column
- NOTE: optional field, any note or comment that will be saved to the dossier at the common parameter section in the 'Comment' text area

- ACTIVITY TYPE: optional field, enter the same activity type code which was previously defined at the "ACTIVITY TYPES LEGEND" sheet in the 'B' column.
- SJT: optional field, Standard Journey Time, not relevant for CT import, valid formats are:
  - HH:mm
  - HHmm
  - HH.mm
  - HH mm
- MNS: optional field, Max number of stops, not relevant for CT import
- TST: optional field, Total Stopping Time in minutes, not relevant for CT import
- ARR: optional field, arrival time, valid formats are:
  - HH:mm
  - HHmm
  - HH.mm
  - HH mm
- ARR TZ: optional field, arrival timezone offset. If it is empty the default timezone offset will be used (UTC+1) as in the GUI. If the timezone offset is applied then PCS will propagate it automatically the same way as it works on the GUI.
- DEP: optional field, departure time, valid formats are
  - HH:mm
  - HHmm
  - HH.mm
  - HH mm
- DEP TZ: optional field, departure timezone offset, If it is empty the default timezone offset will be used (UTC+1) as in the GUI. If the timezone offset is applied then PCS will propagate it automatically the same way as it works on the GUI.
- PROTECTED: optional field, mark it with a letter 'X' if the location will be protected

### Distances sheet

Last sheet of the excel import file. Also, works the same way as in the old import sheet. You can define the distance between locations:

LOCATION 1	LOCATION 2	DISTANCE (km)
Forbach	Saarbruecken Rbf Nord	12,41
Saarbruecken Rbf Nord	Neunkirchen (Saar) Hbf	18,83
Neunkirchen (Saar) Hbf	Einsiedlerhof	41,84
Einsiedlerhof	Mannheim Rbf Gr K/Kn	74,90
Mannheim Rbf Gr G	Einsiedlerhof	74,24
Einsiedlerhof	Neunkirchen (Saar) Hbf	42,29
Neunkirchen (Saar) Hbf	Saarbruecken Rbf Nord	18,77
Saarbruecken Rbf Nord	Forbach	11,88

Column definitions:

- LOCATION 1: mandatory field, the starting point
- LOCATION 2: mandatory field, the ending point
- DISTANCE (km): mandatory field, number format, represents the distance in KM between LOCATION 1 and LOCATION 2

Rules:

- The header should consist of three columns: "Location1", "Location2" and "Distance (km)"
- The location point names must be defined in the LOCATIONS sheet
- The distance must be the number

### PCS import front-end

PCS Excel import is located under "Pre-constructed Products" as an "Excel importer". Drag and drop or browse for the file to start importing it.

### Import PaPs from Excel

Timetable period

Train type

Type of pre-constructed product

PAP dossiers for Short term path requests

Select file

Drag & Drop file here or click to [browse](#)  
Only Excel (.xls, .xlsx) files are permitted

## Errors

When the file is uploaded, PCS checks for 3 types of errors and warnings:

- Parse errors
- Format errors
- Data errors

When the uploaded file does not comply with the predefined rules it shows an error message. The type of error message appears in the above order. These errors must be fixed directly in the file and uploaded again.

### Parse errors

The following parse error exists:

- Invalid type of cell: the cell contains invalid data. E.g.:In the importer file the "Dossier Type" column has a predefined value: flex or fix, and an error is displayed if you specify something other than the predefined value.
- Required cell: required field is empty
- Invalid value size: the cell contains an invalid value size. E.g.: in the "Parameter set codes" tab, in the "Train weight/length ('C', 'D)' and the "Weight/Lenght of set of carriages('E', 'F)' columns have built-in rules. The entered value is higher or less than the required value.
- Invalid format: a number format cell contains a text value

## Import PaPs from Excel

1 Check data      2 Replacement options      3 Importing

! Uploaded file contains Format Errors. Please fix those errors in the file and do another upload.

Sheet	Cell	Type	Description	Fix action
PARAMETER SET CODES	B2	format error	This field is required	Required cell
DISTANCES	C2	format error	The value must be a number	Invalid format
PARAMETER SET CODES	F2	format error	In parameter set code IHA014, weight of set of carriages (1600) is greater than train weight (620). Enter smaller weight of set of carriages.	<input type="text" value="?"/> Invalid value size, you need to enter the correct value
TIMETABLES	B3	format error	The value must match one of: flex, fix	Invalid type of cells

### Format errors

The following format errors exist:

- Activity type not defined: if an activity type is used in the excel importer that has not been defined in the "Activity type" sheet.
- Parameter set code not defined: if a parameter set code is used in the excel importer that has not been defined in the "Parameter set code" sheet.
- Operation point not defined: if an operation point is used in the timetable sheet and not defined at the "Location" sheet.
- Agency cannot be resolved: the agency name is resolved on the name registered in PCS. ÖBB, Infrastruktur / Netz agency is registered as ÖBB-I and not OEBB-I.

## Import PaPs from Excel

1 Check data

2 Replacement options

3 Importing

Uploaded file contains Format Errors. Please fix those errors in the file and do another upload.

Sheet	Cell	Type	Description	Fix action
TIMETABLES	Q3	error	The parameter set code "IHA14" is not defined in the parameter set code sheet	
TIMETABLES	S3	error	The activity type "at038" is not defined in the activity types sheet	
TIMETABLES	AO9	error	The operation point "Sopron-Rendező" is not defined in the locations sheet	
TIMETABLES	F9	error	The destination "Sopron-Rendező" is not defined in the locations sheet	
TIMETABLES	O10	error	The operation point "Sopron-Rendező" is not defined in the locations sheet	
TIMETABLES	E10	error	The origin "Sopron-Rendező" is not defined in the locations sheet	
LOCATIONS	A2	error	Agency OEBB-I can't be resolved.	

Cancel

### Data errors

These warnings can be fixed by entering the correct value directly on the GUI.

The following data errors exist in the system:

- Operation point cannot be resolved: the location reference code is invalid in BigData (CRD).
  - There are two things you can do to solve these issues:
    - Check the reference code that has not been mistyped in the file
    - If the reference code of the location or/and name of the location is correct then it may happen it is missing from the Bigdata (CRD) database, you have to get in contact with the Bigdata (CRD) responsible person in your agency to register the location.
- Loco type number cannot be resolved: the loco type number is resolved on the loco type number field. If the required loco type number is missing then you have to get in contact with the IM to register the loco in the system.
- Activity type cannot be resolved: if the activity type is invalid check the "Activity type" sheet and correct the value
- Train length < Length of set of carriages: the value must be greater than the value entered in the "Leng of set carriages" column

- Train weight < Weight of set of carriages: the value must be greater than the value entered in the "Weight of set carriages" column
- Planned speed < Max. traction speed of the loco: first, you have to fix the warnings above and after the planned speed warning appears. The value must be less than the traction speed of the loco registered in the system

## Import PaPs from Excel

1 Check data

2 Replacement options

3 Importing

Please fix the errors and/or warnings in order to continue with the PaP import

Sheet	Cell	Type	Description	Fix action
PARAMETER SET CODES	E2	format error	In parameter set code IHA014, length of set of carriages (600) is greater than train length (580). Enter smaller length of set of carriages.	<input type="text" value="?"/>
PARAMETER SET CODES	F2	format error	In parameter set code IHA014, weight of set of carriages (700) is greater than train weight (620). Enter smaller weight of set of carriages.	<input type="text" value="?"/>
LOCATIONS	D7	format error	Operation point "00000" can't be resolved	<input type="text" value="Start typing..."/> ?
ACTIVITY TYPES	C2	format error	Invalid activity type for code 00048.	<input type="text" value="Start typing..."/> ?
PARAMETER SET CODES	G2	format error	Loco type "1118" can't be resolved	<input type="text" value="Start typing..."/> ?

Cancel

Apply

### Import PaPs from Excel

1 Check data
2 Replacement options
3 Importing

Please fix the errors and/or warnings in order to continue with the PaP import

Sheet	Cell	Type	Description	Fix action
PARAMETER SET CODES	I2	format error	In parameter set code IHA014, max traction speed (230) is greater than max planned speed (350). Enter bigger max planned speed.	<input data-bbox="734 496 996 528" style="width: 100%;" type="text" value="?"/>

#### Fix errors/warnings

As soon as the error/warning appears when you upload the file, it also shows where these errors/warnings are located on the worksheet.

You have to fix these errors to upload the import file successfully. See this error message again and check for description.

### Import PaPs from Excel

1 Check data
2 Replacement options
3 Importing

Please fix the errors and/or warnings in order to continue with the PaP import

Sheet	Cell	Type	Description	Fix action
PARAMETER SET CODES	I2	format error	In parameter set code IHA014, max traction speed (230) is greater than max planned speed (350). Enter bigger max planned speed.	<input data-bbox="734 1251 996 1283" style="width: 100%;" type="text" value="?"/>

The following columns appear after the error/warning message:

- Sheet: the excel sheet name (tab)

- Cell: shows the address to the cell where the error can be found
- Type of error: indicates the type of error
- Description of the error message
- Fix action: data errors can be fixed directly in the GUI by typing the correct value in. If there is no typing option then you have to fix the error in the sheet and upload the file again.

## Import process

Once all errors and warnings are resolved (or ignored), PCS shows in the import wizard and describes what will happen if the import is run.

**Import PaPs from Excel**

1  Check data      2 **Replacement options**      3  Importing

0 PaPs that do not exist and will be inserted      8 PaPs Exist and will be updated      0 PaPs Exist and will be skipped

**Re-import:**

Parameter Set Codes     Activity Types for Path Sections     Distances

Notes for Path Sections

  

If the report complies with your objectives, then just click the "Import" button to start it.

The Import now runs in the background and has 3 different statuses. Each status displays a different message on the front-end:

- "The import process is waiting to be executed..." – means that the import is registered by PCS and is waiting for its turn to be executed
- "The import process is running and is expected to finish at: <time>"

## Import PaPs from Excel

- ✓ Check data
- ✓ Replacement options
- 3 Importing



The import is in process...

You'll receive email notification when the process is finished.

- "Import process successfully finished on: <date>"

**Excel importer** Import PaPs from Excel

---

Last import process finished at: 13.01.2021 14:55:29 8 Inserted 0 Updated 0 Skipped

ORIGIN - DESTINATION	PAP ID	DOSSIER TITLE	DOSSIER ID	COMMENT
Staatsgrenze nächst Bernhardsthal Fbf - Wie...	AGE87PaP103	Staatsgrenze nächst Bernhardsthal-Wien zvbf	225318	Inserted
Wien Zvbf (in Zur) - Staatsgrenze nächst Ber...	AGE87PaP102	Wien zvbf-Staatsgrenze nächst Bernhardsthal	225319	Inserted
Wien Zvbf (in Zur) - Hegyeshalom	AGE7PaP017	Wien zvbf-Hegyeshalom	225320	Inserted
Wien Zvbf (in Zur) - Hegyeshalom	AGE7PaP021	Wien zvbf-Hegyeshalom	225321	Inserted
Hegyeshalom - Wien Zvbf (in Zur)	AGE7PaP018	Hegyeshalom-Wien zvbf	225322	Inserted
Hegyeshalom - Wien Zvbf (in Zur)	AGE7PaP022	Hegyeshalom-Wien zvbf	225323	Inserted
Wien Zvbf (in Zur) - Sopron Rendező pu	AGE7PaP019	Wien zvbf-Sopron-Rendező	225324	Inserted
Sopron Rendező pu - Wien Zvbf (in Zur)	AGE7PaP020	Sopron-Rendező-Wien zvbf	225325	Inserted

PCS will show the result of the import and will classify the actions with three types:

- Inserted
- Updated
- Skipped

PCS will keep the last import report for the user's agency. If another user, from the same agency, triggers a new import, the saved one will be overridden.

### Multiple imports

Users can do multiple imports and PCS will try to match the existing PCS catalog dossiers with the values in the file. Afterward, a report will be shown.

When doing a Re-Import, PCS provides 5 options:

- "Re-Import Parameter Set Codes" – Overrides the existing Parameter Set Code Templates in PCS, with the values from the Excel file.
- "Re-Import Validation Rules" – Overrides the existing Validation Rules (checks) for the Train Parameters in PCS
- "Re-Import Distances" – Overrides the existing distances values in PCS
- "Re-Import Activity Types for Path Sections" – Overrides the activity types for all path sections in the file
- "Import Notes for Path Sections" – Overrides the notes for all path sections in the file

For all *new* values in the excel file (parameter set codes, distances, new path sections...), the options are ignored and the values are always imported in PCS. Thus, the options are only influencing the existing values.

There are 3 reasons why one dossier can be skipped: the dossier is published, closed, or when re-importing the user agency is NOT the leading one.

**Important:** Once the catalogs are imported in PCS, all of them will be promoted to the "Path Elaboration" phase and the traffic lights of the IMs will be set to Processing. Later, the dossiers must be: Accepted, so that they can be published.

## Excel format and data errors

As we said before, the errors and warnings must be fixed (or warnings can be ignored). PCS will guide you with the fixing process by providing a: description of the error, in the excel sheet, and the cell where the problem is located.

These are all possible error and warning messages that PCS can show:

- Something went wrong: if there are any changes in the import template file structure:
  - Missing sheets
  - Header changes (text or order)
  - Hidden columns
  - Extra text comment added somewhere below the tables
- This field is required:
  - if the borders for the cells are missing
  - if a required cell is empty
- The destination "A" does not match the locations "C":
  - In the "Timetables" sheet the destination is defined, but missing the rights in the locations section. E.g.: in the route of A-B-C
  - only one path section is added as point "A".
- "The row at position 'X' in the 'Y' sheet is empty"
  - There are some blank values or formatting pasted over from previous excel files that have not been deleted
  - Resolution: delete everything (all) rows below the table
- Duplicate locations in the following rows: 5,10
  - Generally, these errors are in the "Distances" sheet. Please check the "Sheet" to identify which sheet has the error
  - Resolution: delete the duplicate entries in the 5th OR 10th row. Note: do not delete both, only one entry!
- Duplicate PaPs in the following rows: x,y
  - There are duplicate PaPs defined on the "Timetables" sheet
  - Resolution: Check the "Timetables" sheet for duplicate entries and delete the duplicate entry.
- The value cannot be parsed
  - Invalid value added to the cell. E.g: in Activity type field contains an invalid value (21) only number instead of "at21"
- Cannot browse for the file or my screen is stuck when the file drag and drop
  - The import file might be open
  - Resolution: Close file, delete the selected file from the import window, refresh the page and browse for the file, or drag and drop again
- Import process failed
  - All sheets **header should stay untouched** according to the original template file shared previously.
  - Check your import file **in all sheets the cell borders applied in the "table"** as it should
  - Remove old format import files e.g.: Max min barked weights percentage sign **and do not use percentage format**
  - Check the header at the "Parameter set code" sheet that does not uses an old template prototype where the MIN BRAKED WEIGHT PERCENT should be MIN BRAKED WEIGHT PERCENT.
  - In the "Parameter set code" sheet there is the duplicate parameter set code (02INFRA335). Combination: TTP, corridor, train type, process type, IM agency id, and parameter set code name should be unique

## Use case

1.) If less number of PaPs imported as it has in the excel importer file or there are no dossier numbers on the GUI in the table:

Every PaP ID in the excel import should be unique by route (origin and destination), for example, PaP ID: RFC08PaP0322 with the route (Montzen Frontiere -> Y.Schijn) is entered twice. So here the second one will be skipped.

2.) Cannot set the light to green because I have a "Missing mandatory train parameters" error message: meaning missing mandatory common train parameters.

The following fields are mandatory to fill on the "PARAMETER SET CODE" sheet:

- TRAIN WEIGHT
- WEIGHT OF SET OF CARRIAGES
- PLANNED SPEED

Resolution: enter the missing information into the import file and rerun the import. If your PaP dossier is NOT in the "Published" state the system will trigger an update on the dossier by creating a new version number. Published PaPs will stay untouched and will be skipped.

3.) My PaP dossier is blank, missing parameters.

Check the import file:

- The parameter is defined on the "Parameter set code" sheet
  - Yes, then you need to continue checking the file.
    - Go to the "Timetables" sheet
    - Search for the PaP ID
    - Check if the "Params" field is empty for the defined locations
  - No, define the parameter then go to the "Timetables" sheet and enter the new parameter for each defined location in the "Params" field.

#### Other

End of the Pre-booking period, **PCS returns all not requested capacity to the IMs** so that they don't block anymore the capacity in the annual planning.

#### ▼ File

##### Document:

 [catalogue-import-template-final.xlsx](#)

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#### ▼ Details

**State:** [Published](#)

**Topic:** [Products](#)  
[PaP](#)

**Area:** [Reference](#)

**Release:** [2.1.x](#)

**Company:** [IM](#)

**Type:** [RFC](#)

**Keywords:** [import](#)  
[PaP](#)  
[PaP](#)  
[management](#)  
[catalogue path](#)  
[upload](#)

#### ▼ Translations

**No translations**

Source URL: <https://cms.rne.eu/pcs/pcs-documentation-0/pcs-pap-and-ct-import-user-manual-1>