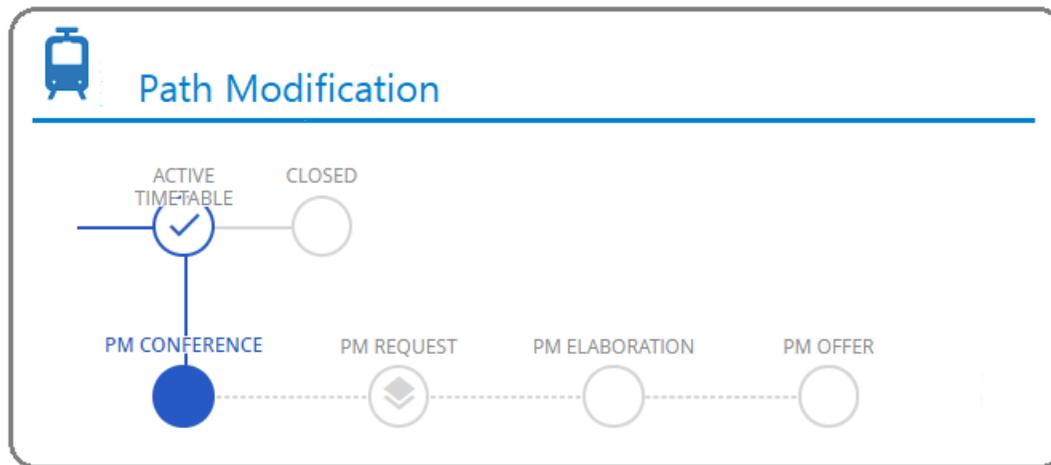


## Process Path Modification

▼ [Content](#)

### Introduction



Path Modification allows the Applicants to ask for the change of some elements on the already finally agreed path. Such modification can be requested for one part or for the whole validity period of the dossier. **The pre-condition** for the start of the Path Modification process is dossier in the **Active timetable** phase (final phase of each Path Request process). The path Modification process is then started by any Applicant (initiator) at any time. ***PCS constraints that CANNOT request a change for days that are in the past!***

The whole process consists of the following phases:

- Path Modification Conference – Applicant phase
- Path Modification Request – Milestone
- Path Modification Elaboration – IM phase
- Path Modification Offer – Applicant phase

The dossier does not have to run through all of the phases mentioned above. The leading Applicant has always the right to withdraw the modification request and go back to the original state into the Active timetable phase. The dossier is converted back to the original path request process type. Further information about path modification process steps could be found under the description of phases.

## How to start the process

First, the Applicant has to press the "Submit path modification conference" button where the process will start with a wizard window. It works in all process types the same way.

An applicant in the first/last territory opens dossier in Path Modification Conference and applies the required modification on the selected sub-path.

## Path Modification types

The following Path modification types are available in the system:

- Additional days
- Cancellation of days
- Modification of departure or arrival time
- Modification of route
- Modification of train parameters
- Border/Handover/Interchange times adaptation

## Affected pairs

Initiator Applicants have the option to mark manually their partners to be affected. However, if the changes are done only internally without any impact on the partners, the neighboring Applicants should not be bothered. Of course, PCS is checking the changes that the initiator Applicant makes and if there are changes that are affecting the border, the system will downgrade the partners' light to yellow automatically.

Initiator Applicant is marked with the following symbol: ↓

Affected pair marked with the following symbol: ↕

## Edit timetable

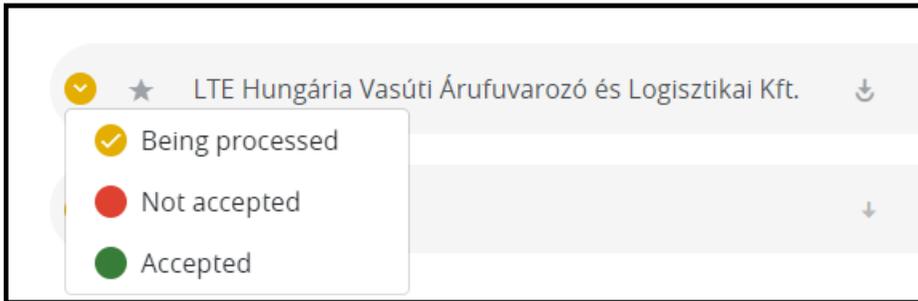
Once the reason for the path modification and the involved pair (s) have been determined, the Applicant timetable will be **editable** for the initiator Applicant.

Changes could be:

- Times
- Parameters
- Calendar

## Accept/Reject changes

Affected Applicants/IMs should check the changes that were made by the initiator Applicant the dossier in order to submit it to the next path modification phase.



If for some reason, one of the partners rejects and changes the acceptance indicators to red than must add a mandatory comment to explain the reason for the action.



### Comments

When the path modification process started PCS saves the action automatically into the comment area including the selected path modification types.

Also the same happens if an involved parties reject the offer and enter the reason for action:

RCA Support (Rail Cargo Austria AG) | PM Conference

Sep 2, 2020 2:22 PM

Reject

Rejected the offer and set red light

RCA Support (Rail Cargo Austria AG) | PM Conference

Sep 2, 2020 2:15 PM

Path modification process started

Path Modification process initiated because of: 1. Modification of departure or arrival time 2. Modification of train parameters

## Validity period fully in the future

The following example will show the modification process in the Late Path Request process type.

### Start Path Modification

In our example, the leading Applicant is LTE-HU, but the Path Modification is started by the involved Applicant RCA.

**Control** Pre-condition: dossier must be in Active Timetable

OPEN HARMONIZATION PATH REQUEST PATH ELABORATION LATE REQUEST OFFER ACCEPTANCE POST-PROCESSING FINAL OFFER ACTIVE TIMETABLE CLOSED

---

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⚠ Waiting for start of timetable period so you can submit Closed

---

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Available for every Applicants

Close Dossier
Submit path modification conference

The Next step is to select the reason for the Path Modification indicating it with the type of modification. In our example, we will modify the timetable, so we choose the modification of the departure/arrival timetable and the modification of the train parameters path modification types. It is possible to select multiple items for path modification reasons.

**Control**

---

Submit Path Modification

Path modification type Shows the number of items selected

Modification of departure or arrival time, Modification of train parameters 2 ▾

[select all]

Additional days

Cancellation of days

✓ Modification of departure or arrival time

Modification of route

✓ Modification of train parameters

Border/Handover/Interchange times adaptation

Cancel

Submit

### Editing timetable

The applicant can select either to edit the timetable or edit the train parameters, PCS opens the timetable in "edit" mode as in Open and Harmonization phases.

The system indicates on the subpath that the process has started, it uses the path modification word abbreviations( PM) :

### Applicant Timetable

Territories | Calendar | Path Variants

+ Add v

Switch view to: Standard view v manual, automatic, UTC Offset **Enabled**

**LTE-HU / VPE**

**S1 Default route**  
 FERENCVAROS → HEGYESHALOM  
 13.12.2020 - 11.12.2021 (1-5)

→ + Add v

**RCA / ÖBB-I**

**S1 Default route**  
 Hegyeshalom →  
 Wien Zvbf (in Zur)  
 13.12.2020 - 11.12.2021 (1-5)

→ + Add v

**S1 Default route** PCS Path ID: 556706 **Edit**

TSI Variant ID 00

Arrival	Departure	Stop
	10:09	Hegyeshalom Operational stop
11:16		Wien Zvbf (in Zur) Operational stop

**Enabled**  
**Edit train parameters**

Common train parameters -

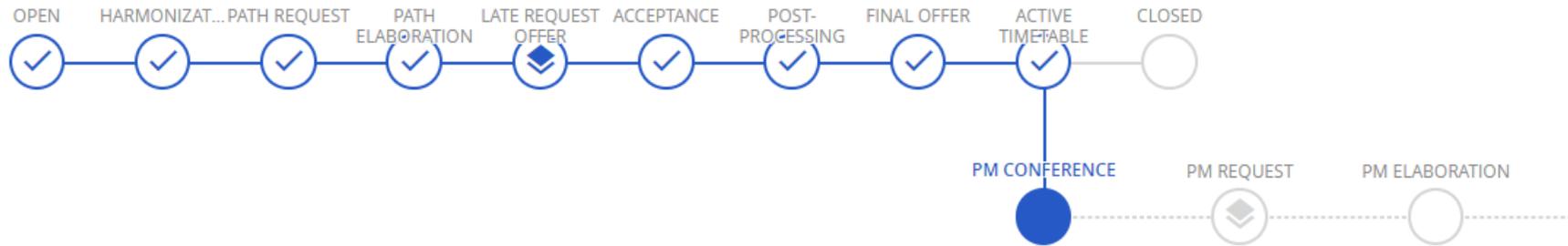
Activity type  
Operational stop

**Indication of the path modification process**

#### Control

After submitting the Path Modification request the dossier arrives at the Path Modification Conference phase and the light of RCA has been downgraded to yellow, for ÖBB-I has been downgraded to blue.

## Control



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⚠ Waiting for all Applicants to accept the dossier so you can submit PM Request

Submit path modification request

Adjust validity period

Withdraw path modification

## Change timetable

Changes were made, the timetable was shifted 2 minutes earlier in each Austrian station.

### Applicant Timetable

1 Sub Paths

2 Calendar

3 Path Variants

+ Add v

LTE-HU / VPE

**S1 Default route**  
 FERENCVAROS → HEGYESHALOM  
 13.12.2020 - 11.12.2021 (1-5)

↔ + Add v

RCA / ÖBB-I

**S1 Default route** PM  
 Hegyeshalom →  
 Wien Zvbf (in Zur)  
 13.12.2020 - 11.12.2021 (1-5)

↔ + Add v

**S1 Default route** PCS Path ID 556710

Include earliest/latest times Service days for reference point

Include public times TSI Variant ID

Arrival	Departure		
<input type="text"/>	<input type="text" value="10:07"/>	★ Hegyeshalom	Train no: <input type="text" value="Train num"/>
dwll	dwll	⚙ Detail	Path no: <input type="text" value="Path num"/>
<input type="text" value="11:14"/>	<input type="text"/>	★ Wien Zvbf (in Zur)	Train no: <input type="text" value="Train num"/>
dwll	dwll	⚙ Detail	Path no: <input type="text" value="Path num"/>

Buttons: Cancel, Change Calendar, Save

We changed the timetable on the border section that should result in yellow lights on the partners' side:

### Control

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⚠️ Waiting for all Applicants to accept the dossier so you can submit PM Request

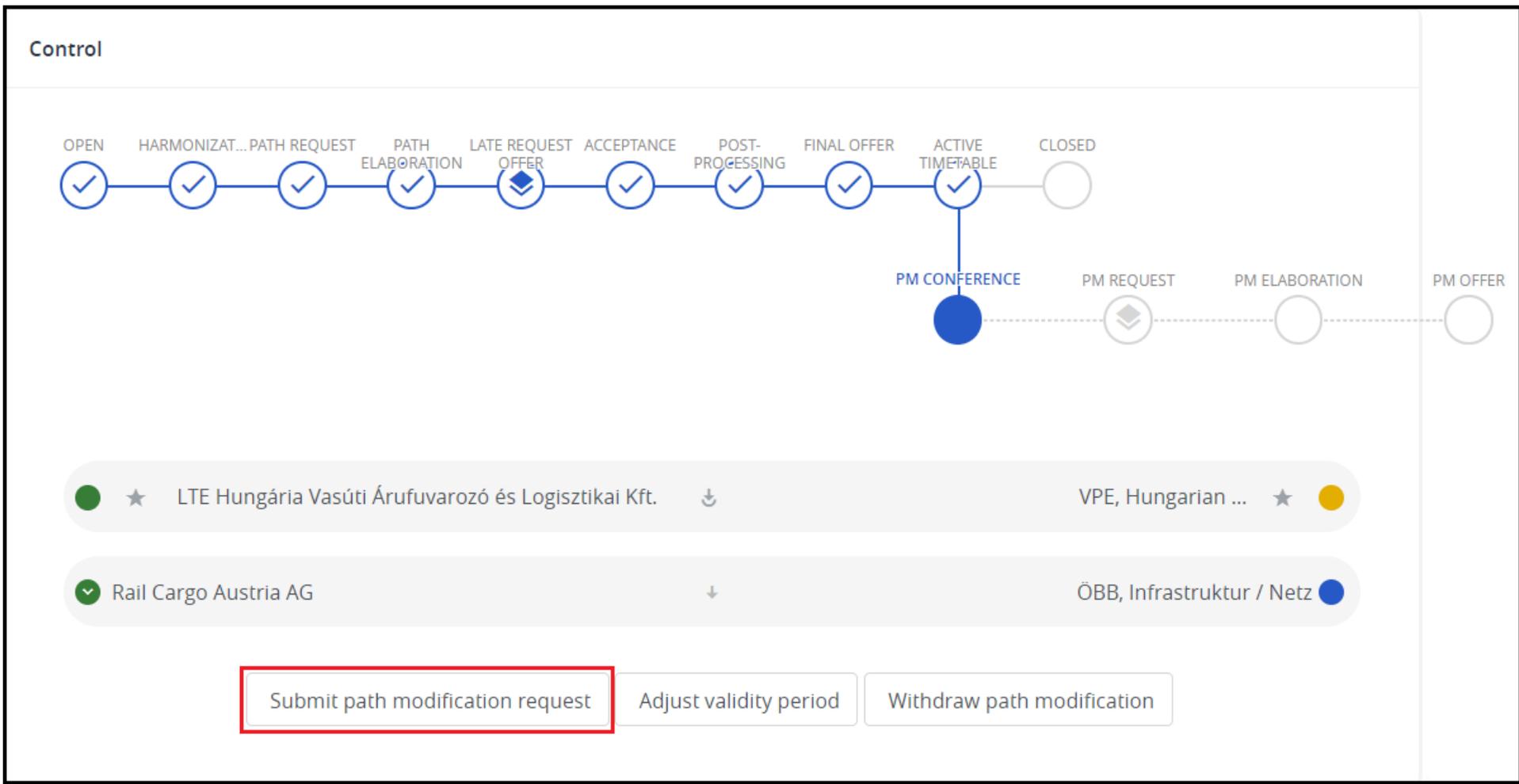
Submit path modification request

Adjust validity period

Withdraw path modification

### Submit Path Modification request

When each affected Applicant accepted the dossier, the initiator Applicant can submit the Path Modification request.



**Path Modification Request**

This phase is a milestone.

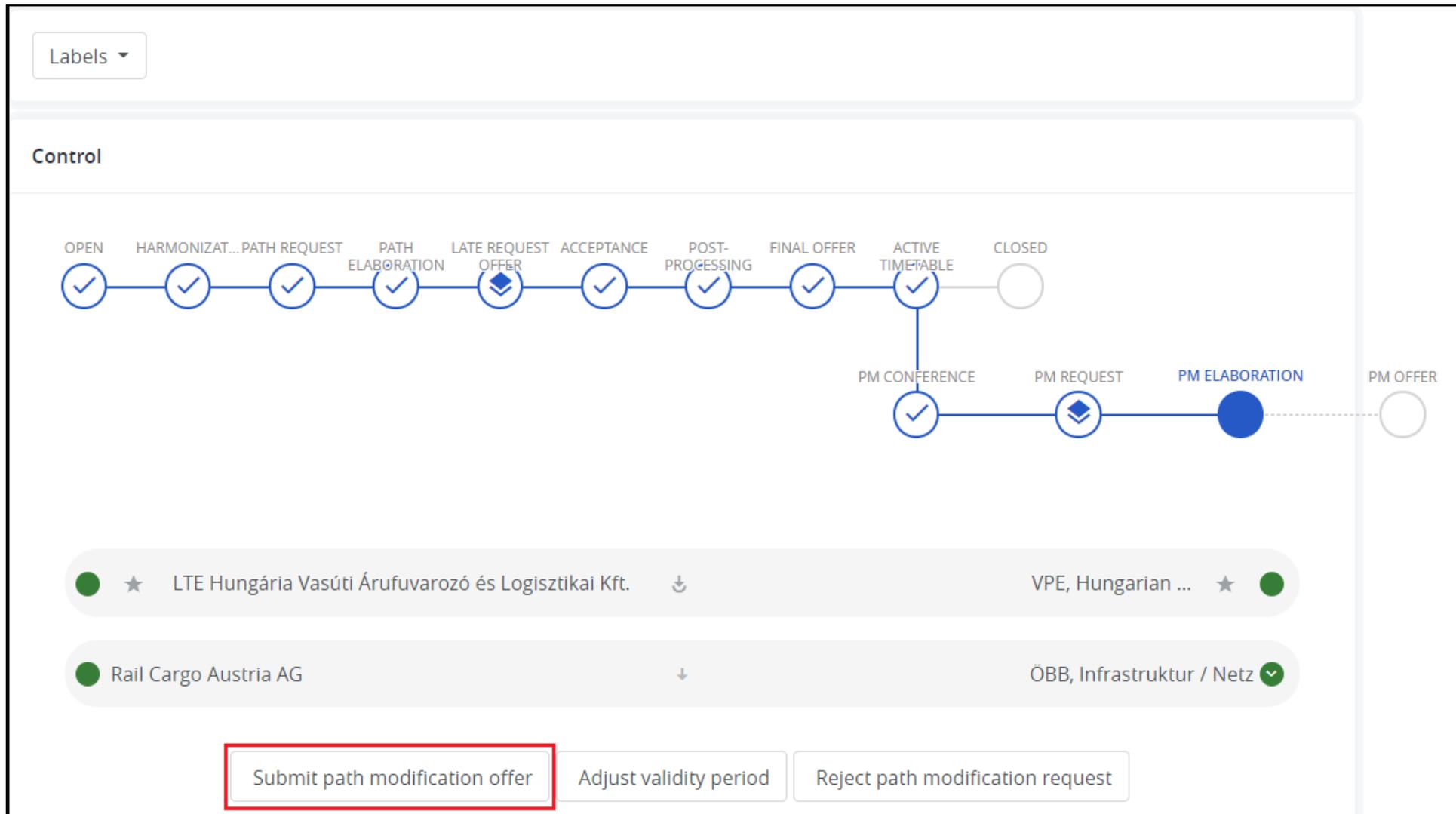
**Path Modification Elaboration**

When the initiator Applicant has submitted the path modification request the dossier arrives into the Path Modification Elaboration phase.

**Control**

IMs lights downgraded to blue as in the "normal" Path Elaboration phase. They should check the request for changes similar to any other path request and provide a timetable

with the same possibilities as in Path Elaboration. At the end of their phase, the pair of the initiator IM should send the Path Modification Offer when each affected IM lights are green.

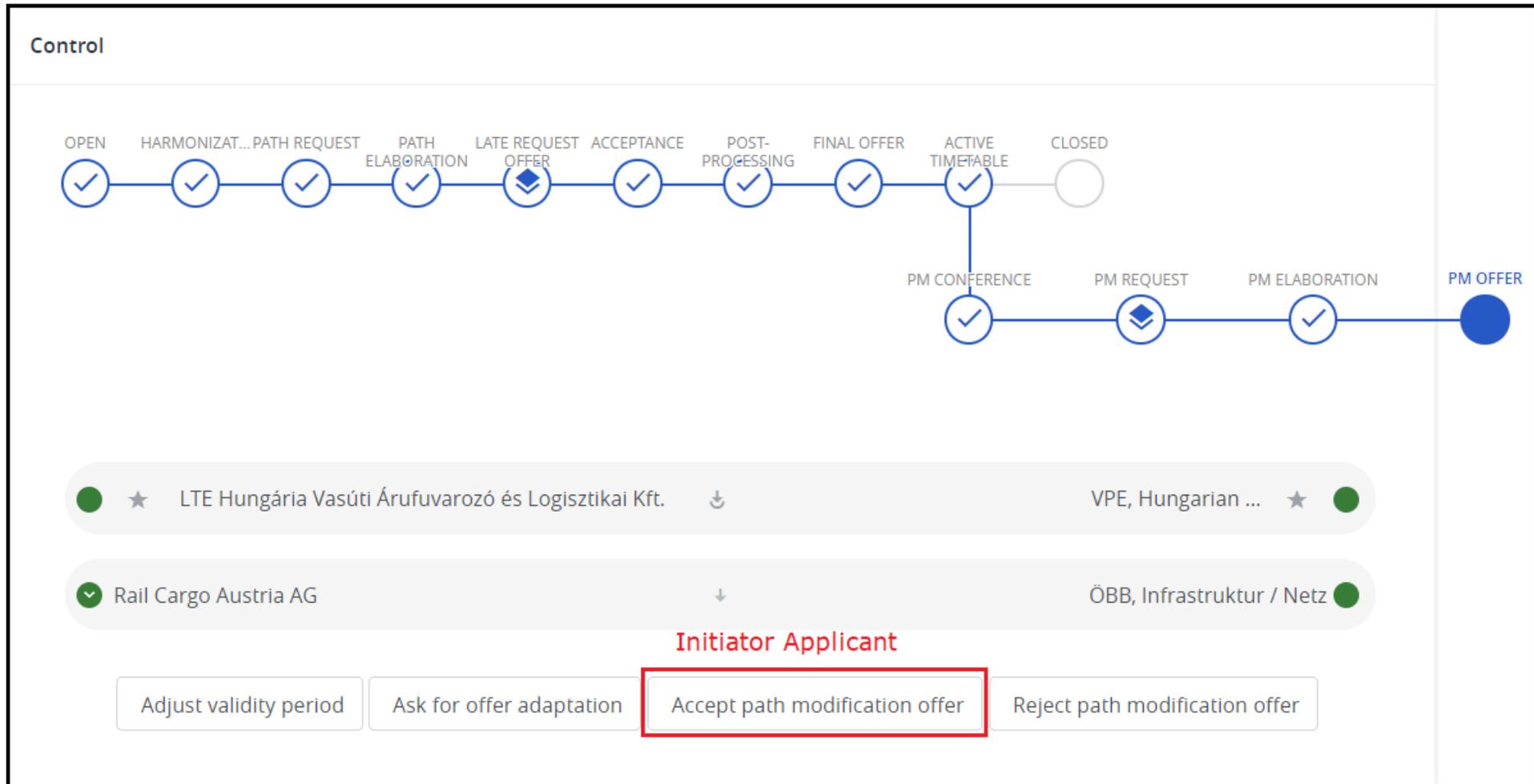


### The decision on Path Modification Offer

Applicants can check the received offer for their Path Modification request and they can make their decision. The usage of the acceptance indicators (lights) is the same as

anytime else. At the end the initiator Applicant has three options:

- Ask for offer adaptation: in case the offer is not suitable for the Applicants, but only a couple minor modification is missing, Applicants can decide to give it back to the IMs for finetuning the offer. It can be done every time when they receive an offer in Path Modification. When the initiator Applicant clicks this button, the dossier will go back to Path Modification Elaboration
- Accept path modification offer: this is the ideal situation when Applicants accept the offer and the dossier will go back to Active Timetable with the updated timetable
- Reject path modification offer: in this case, the dossier will also go back to Active Timetable, but without the changes, so the original timetable (before the Path Modification process) will remain



## Validity period has already started

The following example will show the path modification process in the Ad-hoc Path Request process type. We follow the same use case as above.

Once the path modification process has been initiated by the initiating applicant, the applicant's timetable becomes editable and **can request changes for the FUTURE DAYS by adding a NEW SUBPATH.**

The timetable is not editable when the dossier enters the path modification process because it contains days from the past, so a new subpath needs to create!

### Applicant Timetable

Territories | Calendar | Path Variants

+ Add v | Switch view to: Standard view v | manual, automatic, UTC Offset **Disabled**

**S1 Default route**  
GYOER → HEGYESHALOM  
15.12.2019 - 12.12.2020 (1-7)

↔ + Add v

**S1 Default route**  
Hegyeshalom → Wien Zvbf (in Zur)  
15.12.2019 - 12.12.2020 (1-7)

↔ + Add v **Enabled**  
Sub-path

**S1 Default route** PCS Path ID: 556799 **Edit**

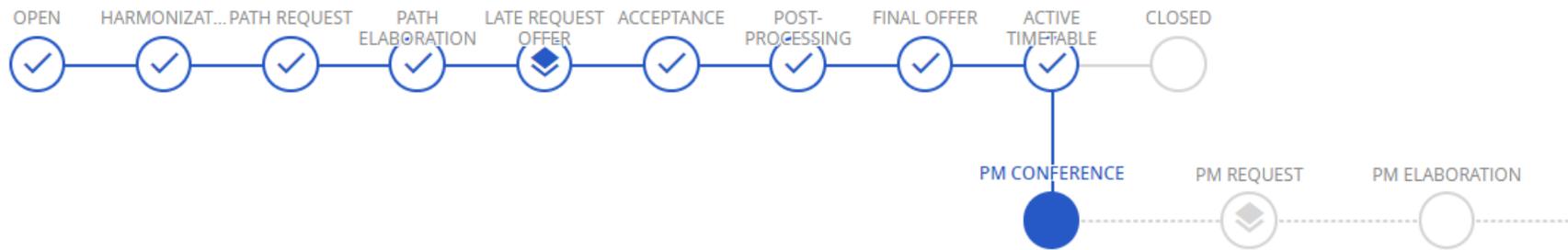
TSI Variant ID 00

Arrival	Departure
09:30	<ul style="list-style-type: none"> <li>&gt; Hegyeshalom</li> <li>★ Other stop reason (miscellaneous)</li> </ul>
10:00	<ul style="list-style-type: none"> <li>&gt; Wien Zvbf (in Zur)</li> <li>Other stop reason (miscellaneous)</li> </ul>

**Control**

Looks the same when the dossier entered the path modification process for the first time.

## Control



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Waiting for all Applicants to accept the dossier so you can submit PM Request

Submit path modification request

Adjust validity period

Withdraw path modification

## Change timetable

Changes were made, the timetable was shifted 2 minutes earlier in each Austrian station.

## Applicant Timetable

Territories Calendar Path Variants

+ Add

Switch view to:

Standard view

manual, automatic, UTC Offset

### LTE-HU / VPE

#### S1 Default route

GYOER → HEGYESHALOM

15.12.2019 - 12.12.2020 (1-7)

↔

+ Add

### RCA / ÖBB-I

#### S1 Default route

Hegyeshalom → Wien Zvbf (in Zur)

15.12.2019 - 12.12.2020 (1-7)

#### S2 Default route

Hegyeshalom →

Wien Zvbf (in Zur)

04.09.2020 - 12.12.2020 ()

PM

↔

+ Add

#### S2 Default route

PCS Path ID: 556803

Edit

TSI Variant ID 00

Arrival Departure

09:28  
09:58

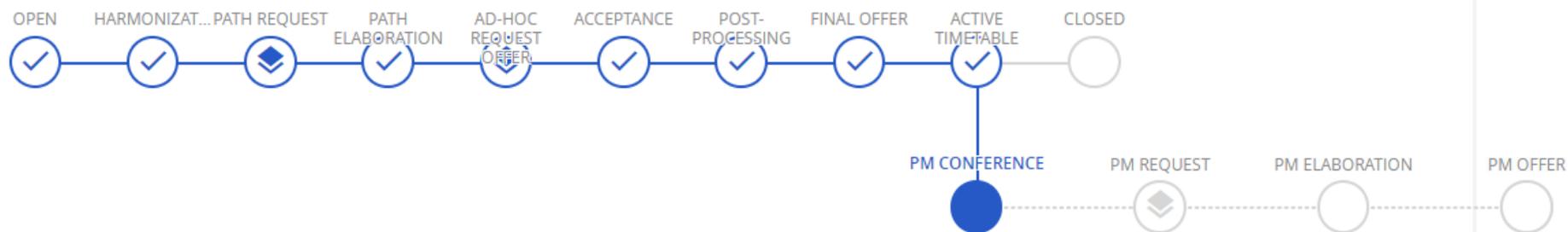
- > Hegyeshalom
  - Other stop reason (miscellaneous)
- > Wien Zvbf (in Zur)
  - Other stop reason (miscellaneous)

Copy Times

Indication of the path modification process

We changed the timetable on the border section that should result in yellow lights on the partners' side:

### Control



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- ❗ Complete all missing data in order to accept the dossier
- 📅 Calendar for path section Hegyeshalom is empty.

⚠️ Waiting for all Applicants to accept the dossier so you can submit PM Request

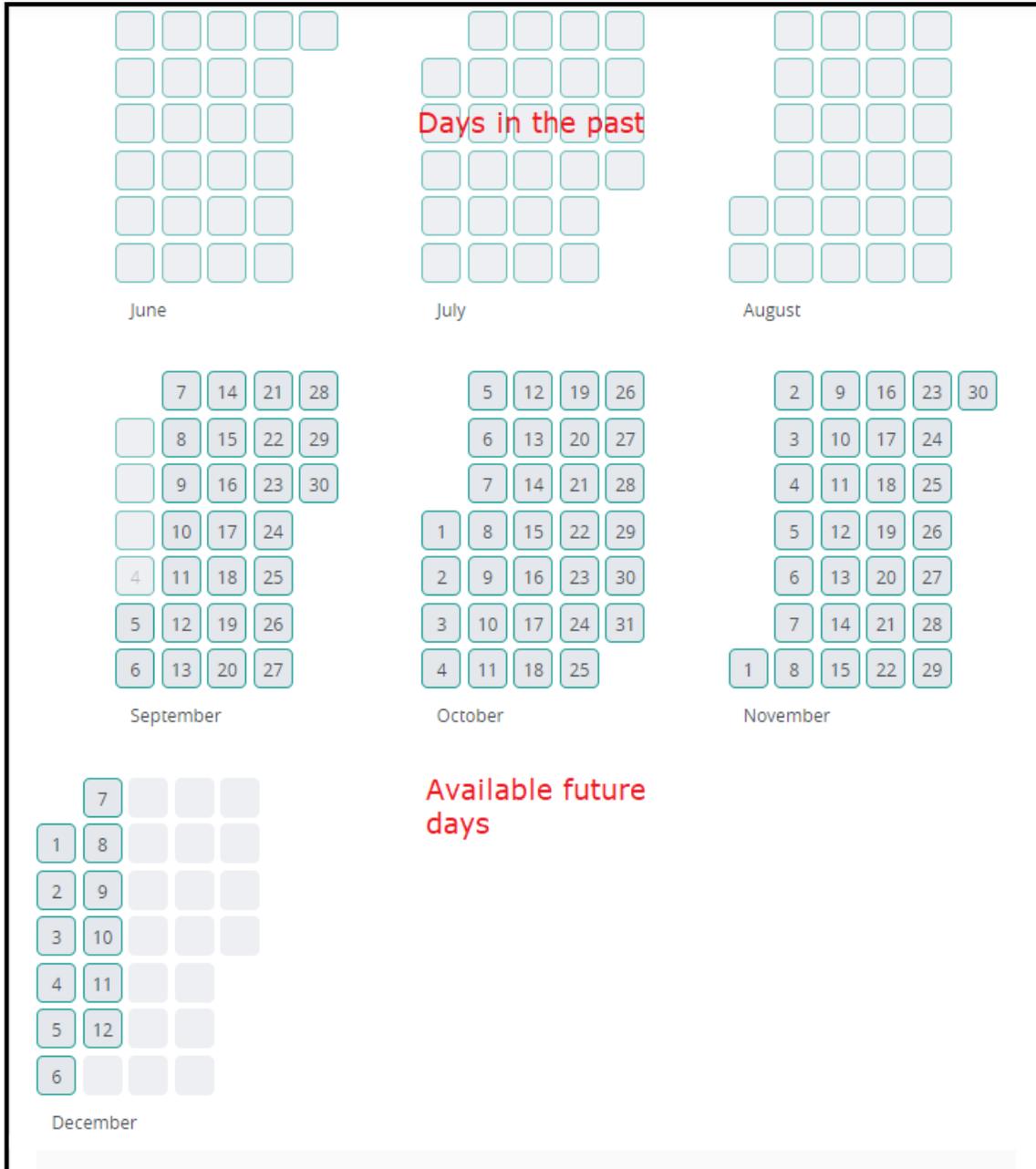
Submit path modification request

Adjust validity period

Withdraw path modification

The next step is to define the running days in the calendar, the new subpath added with an empty calendar. The system indicates a warning message on the control.

In the calendar, the past days and the future days are displayed differently.



<input checked="" type="checkbox"/> Covered in current variant	<input type="checkbox"/> Covered in another variant
<input checked="" type="checkbox"/> Covered in current sub-path	<input type="checkbox"/> Covered in another sub-path
<input type="checkbox"/> Covered in a previous territory	<input type="checkbox"/> Not covered from validity period
<input checked="" type="checkbox"/> Warning	<input type="checkbox"/> Not available
<input type="checkbox"/> Not covered in previous territory	

Reset Cancel Save

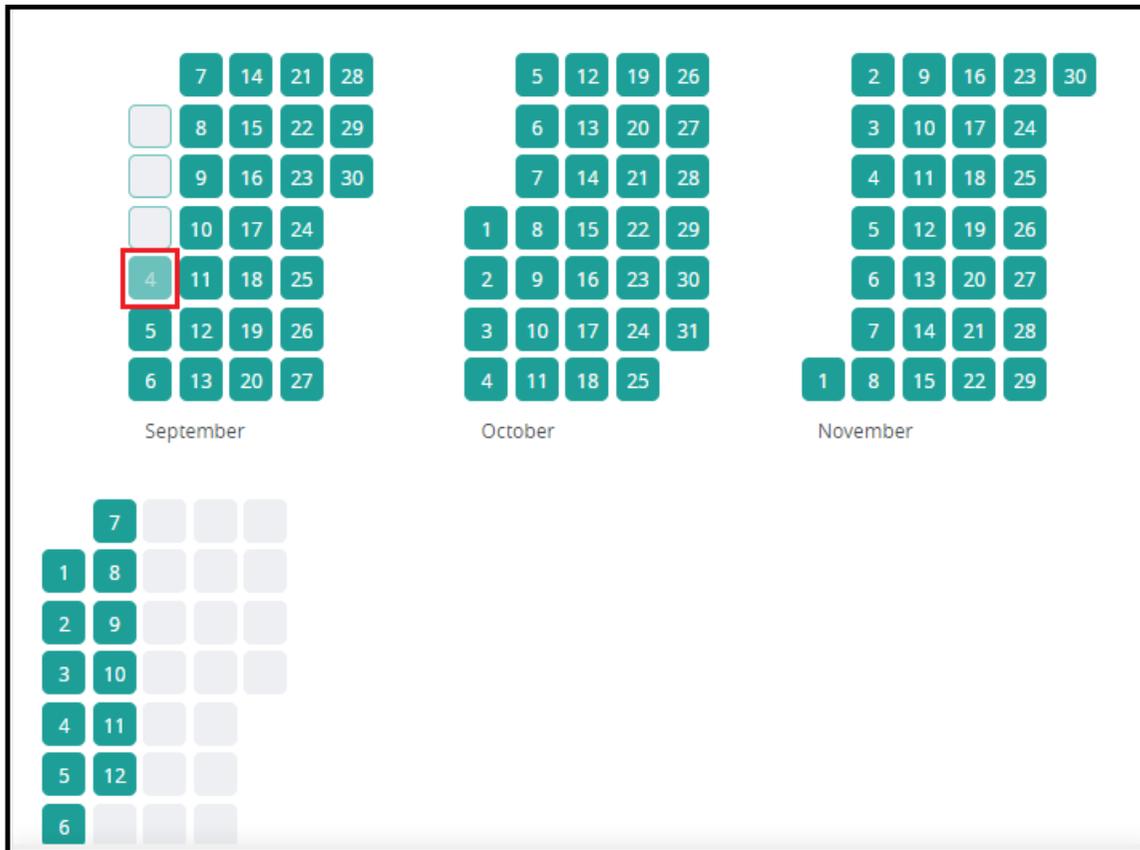
If the path modification process started in the past for e.g. spending too much time with the harmonization then you need to adjust the validity period which will update it to today's date and restores back the passed days to the original path.

In our example, the path modification process started one day earlier, the initiator Applicant decided to continue working and preparing the request on the next day (2020-09-05 which is today's date) .

Validity period

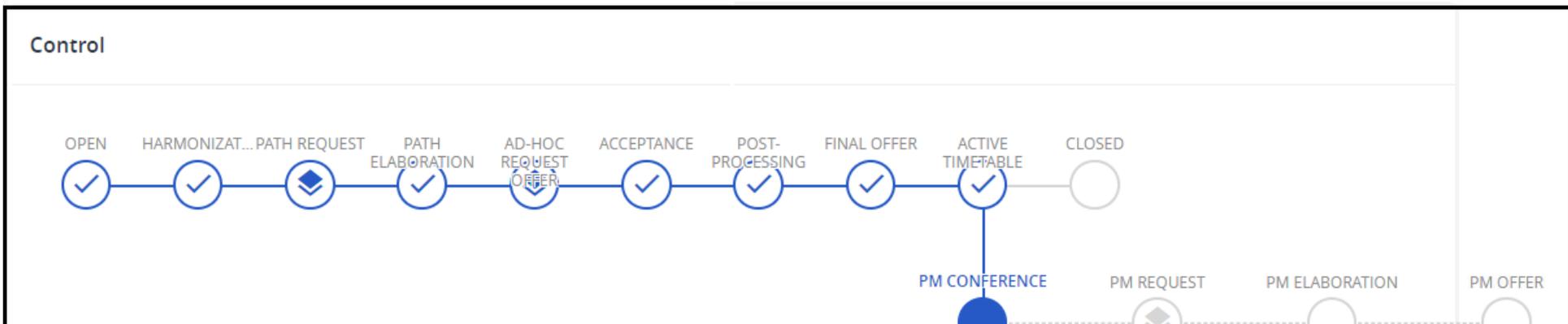
2020-09-04 - 2020-12-12

In the calendar, the 2020-09-04 has a faded green color to show that this day will not be part of the new request.



Control

The system indicates it with warning messages. In order to continue to submit the path modification needs to adjust the validity period for today's day.



●
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★
●

●
✓
Rail Cargo Austria AG
↓

ÖBB, Infrastruktur / Netz
●

!
Complete all missing data in order to accept the dossier

○
Calendar is inconsistent! Please synchronize the calendar with the previous territory

⚠
Dossier warnings

○
There are original sub-paths with added / cancelled days in the past. The system will automatically restore all running days in the past.

⚠
There are modified sub-paths that have validity period that is in the past.

Submit path modification request

Adjust validity period

Withdraw path modification

Please note that there will be no change for 2020-09-04, even though it was originally requested! The Adjust the validity period copies today's date as the start date, click Save. :

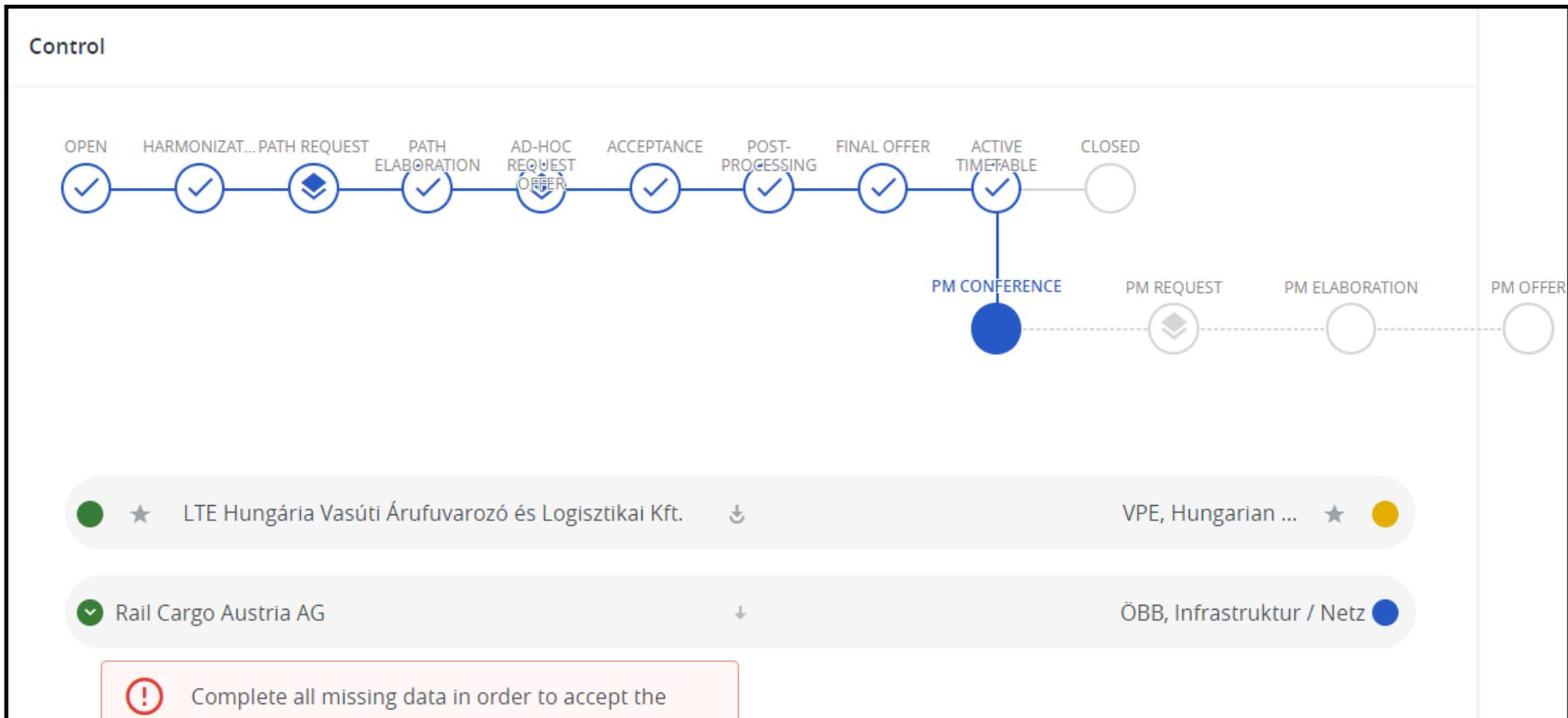
### Adjust validity period ✕

Validity period

-

Cancel
Save

After if the affected Applicant also accepted the request the initiator Applicant can submit path modification request.



dossier

Calendar is inconsistent! Please synchronize the calendar with the previous territory

Dossier warnings

There are original sub-paths with added / cancelled days in the past. The system will automatically restore all running days in the past.

The process continues the same way as in the case of the validity period in the future.

Please read the path modification phase documents for further information.

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▼ Details

**State:** [Published](#)  
**Topic:** [PCS Process](#)  
[Process Types](#)  
[Path](#)  
[modification](#)  
**Area:** [Reference](#)  
**Release:** [2.x](#)  
**Company** [All](#)  
**Type:**  
**Keywords:** [path](#)  
[modification](#)

---

process types

▼ Translations

**No translations**

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