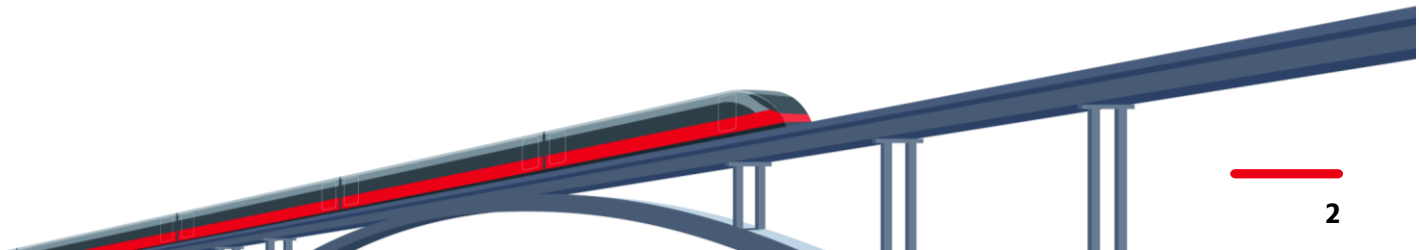
DB InfraGO

An overview of TAF/TAP TSI.

Implementation at DB InfraGO AG.

TAF/TAP TSI is a unique opportunity for the rail sector in Europe and is driving digitalisation

We at DB InfraGO AG are leading the way. Together with the market.



TAF/TAP defines a uniform data exchange format.

For timetabling and operations throughout the EU.

1

Greater competitiveness

Further digitalisation and harmonisation in data exchange will make the railway sector in Europe even more competitive. TAF/TAP as a common language for better communication and information.

2

Uniform cross-border identification

Unique and daily identification of trains and train paths for certain areas and times, as well as across network boundaries. Train and train path are clearly separated in the new object structure, enabling easier handling in cross-border traffic.

3

Uniform communication channel

Introduction of uniform and user-friendly IT systems at DB InfraGO AG leads to noticeable improvement in the timetable adjustments due to construction work. Complete redevelopment of the train path request procedure with simplified processing and amendment.

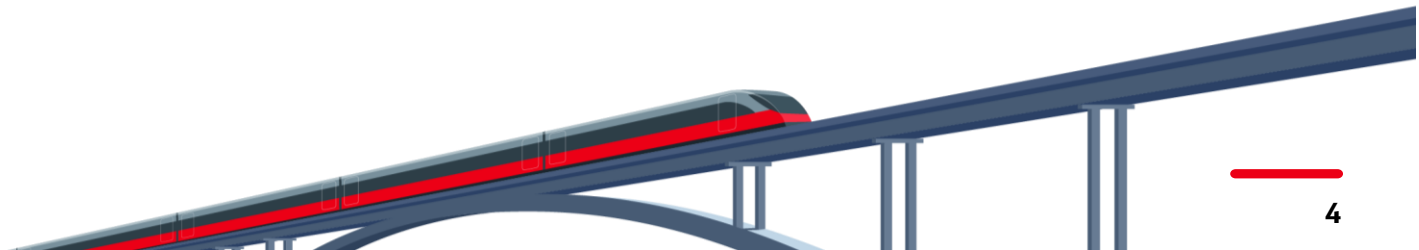
4

Better operational implementation

High-quality exchange between participating infrastructure managers and rail companies significantly improves operational implementation. Better forecast quality through higher information level and increased availability of real-time data.

Thanks to TAF/TAP the 2026 timetable period will be our year.

Nothing can stop us: collaborating for success.



The new TAF/TAP-compliant ordering system is also coming.

It will replace the current train path portal in the 2026 timetable period.

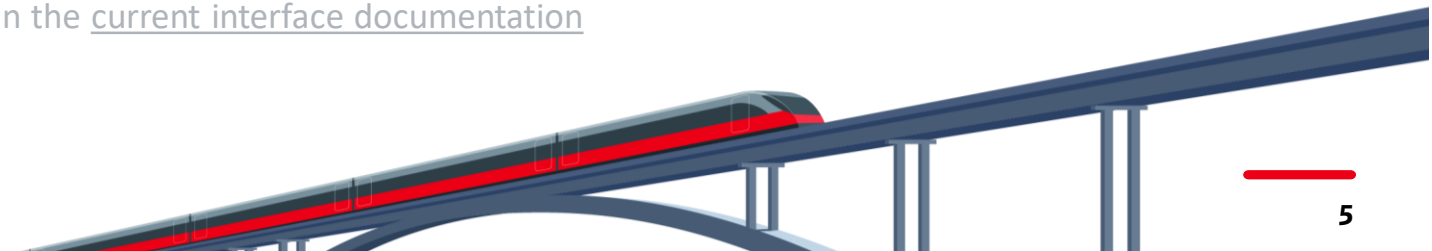
Objectives

- Implementation of TAF/TAP compatibility and compliance with future EU requirements
- Intensive incorporation of the customer perspective at an early development stage for the new system
- Increased ease of use with simpler and more intuitive user guidance
- Modernisation of design and layout
- Creation of an expandable platform for the future to integrate further applications

Important information

- We are designing a completely new system, compliant with TAF/TAP TSI, to replace TPN for the 2026 timetable period.
- There will still be two ordering channels in future: an online ordering portal and a technical interface.
- Users of RU interfaces with their own IT solutions will have to implement the new TAF/TAP TSI interface within it in the future.
- We generally recommend everyone to familiarise themselves with the principles of TAF/TAP as early as possible and to make any necessary preparations.

You can always find more up-to-date information online on the web page of the new ordering system
All information about the technical interface can be found in the current interface documentation



Introducing the new ordering system for the 2026 timetable period**.**
Roadmap.

Since 2020

Start of IT development

From Q3 2021

First customer trials of the interface

From Q2 2022

First customer trials of the online portal

In 2024

Preparation of go-live

Login data via the new “Kundenportal” from EinfachBahn (with new “SuperUser-logic”)

From October: training material and training dates

In 2025

Portal and interface live with modules for WTT registration phase. 2026

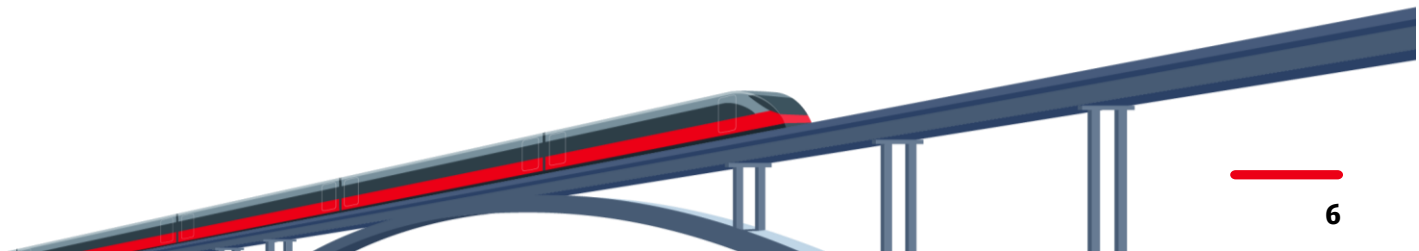
From September: modules for occasional service (TTP. 2026) live

TPN still relevant for train paths during 2025

Timetable period 2026

Ordering exclusively via new portal and interface

No more train path requests via TPN



The new web portal is now available for extensive testing.

We welcome any feedback and ideas.

INFO: NEW LOGIN-DATA, APRIL 2024

How to access the test environment

- **Link**: https://bestellsystem-portal-test.dbinfrago.com/
- **Username**: bestellportaltest-dbi-usera@deutschebahn.com
- **Password**: Kaffee&Sahne

Feel free to share login data within your companies! Please note though, this user is used by all clients, so be careful with sensitive information!

Additional information

- This is a "living" test environment that is **regularly updated**. All services displayed are fictitious, the connection to the real timetabling tool will follow at a later point
- If the portal does not open immediately after logging in, click on "Processes" or "Registration" in the menu at the top

Feedback and questions

- Please send any questions, suggestions, ideas, feedback or errors found to the mailbox of the new ordering system team:

NeuesBestellsystem@deutschebahn.com

TAF/TAP will be gradually implemented in operations.

Full implementation will take place in the 2026 timetable period.

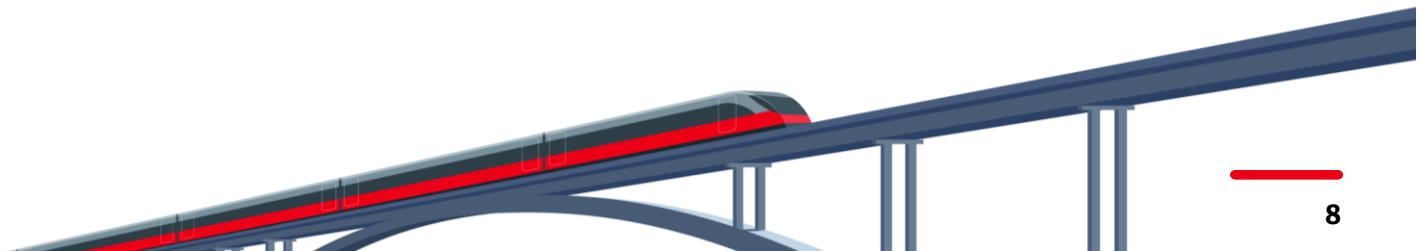
Objectives

- Fulfil the EU regulations on TAF and TAP for the Europe-wide harmonisation of data exchange between RUs and RICs
- Improve and modernise data exchange and the information offered to customers
- Provide offers adaptable to different customer needs with new and existing data formats
- Retain the current formats (UIC telegrams/licence for data exchange and customer access to LeiDis-NK) as an alternative to TAF/TAP

Important information

- IT and system solutions implemented for TAF/TAP data exchange with DB InfraGO can be used for exchange with many and, in future, all other players in Europe.
- DB InfraGO is not obliged to provide or process TAF/TAP messages for RUs.
- However, due to the high added value, there are plans to make the submission of TAF/TAP messages with current train content data, such as length and weight (TCM/PTCM), mandatory from December 2025. DB InfraGO is planning to provide a web interface as an alternative to the RUs' own IT solutions here.

On our main TAF/TAP webpage, the most up to date information can always be found: https://www.dbinfrago.com/taf-tap-tsi



TAF/TAP will be gradually implemented in operations.
Roadmap.

Since 2015

2013: Start of pilot operation with three message types

By Q1 2022

Expansion of pilot operation to seven message types

April 2023

Test with PRISMA system possible

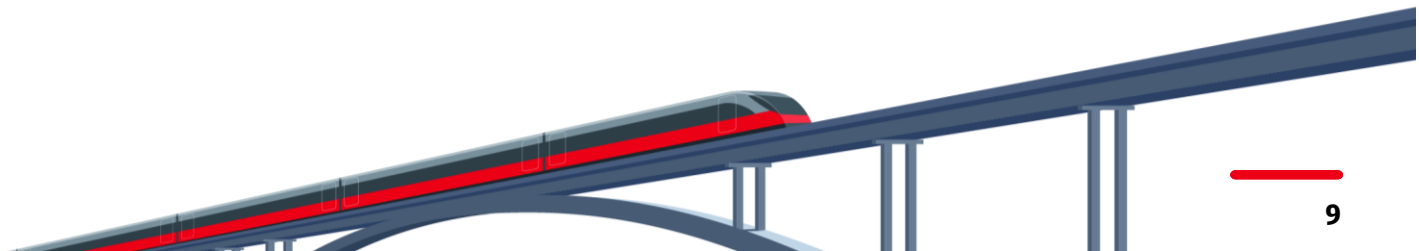
Feb/Mar 2025

TAF/TAP message exchange based on OTN/train number goes live (simultaneously with PRISMA go-live)

Dec 2025

Go-live of TAF/TAP message exchange based on TAF/TAP identifier in addition to OTN/train number (= full implementation)

Mandatory submission of TCM/PTCM



The TAF/TAP checklist for our customers.

Now is the time to deal with the relevant topics.

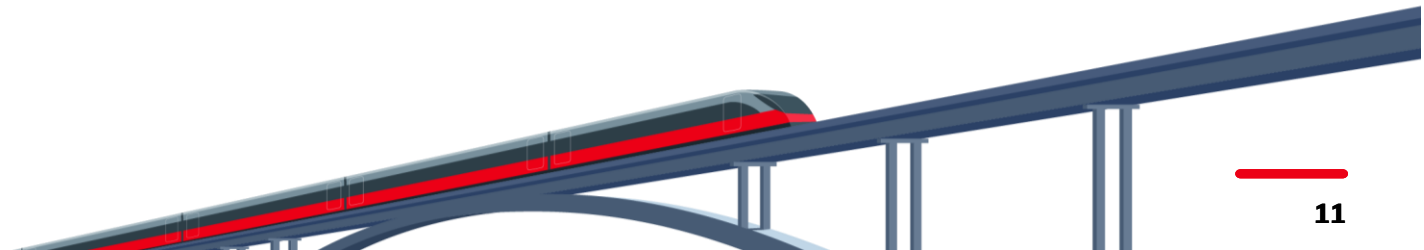
Task & subject area (focus: RU)	Implementation information (in German) (https://www.dbinfrago.com/taf-tap-tsi)	
Every company participating in TAF/TAP must apply for a company code	▪ Flyer about the company code on the DB InfraGO AG information platform ▪ Application and overview of all codes at the UIC	☐
Every company with its own infrastructure needs new primary location codes	▪ Please contact the NCP	☐
Understand the basics of TAF/TAP incl. objectives & schedule, EU regulations and updates	▪ Know the current timetable for the launch at DB InfraGO, and find out about the latest news regularly	☐
Understand the basic logic of TAF/TAP in path requests, including the "Path" and "Train" objects	▪ Read through the web page on the new ordering system and understand the new basic logic (objects, identifiers, roles) of TAF/TAP	☐
Understand the basic logic of operational TAF/TAP messages and check implementation in your organisation	▪ Know all relevant messages, check implementation and requirements (both directions of transmission) – TCM binding	☐
Check own IT systems and seek contact with IT service providers (re: TAF/TAP implementation)	▪ Contact software partners as soon as possible (if available), check IT requirements and surrounding systems	☐
Check own use and needs: interface (CI) or web portal required?	▪ Understand CI and certificate requirements (RNE) ▪ Read current DB InfraGO interface documentation	☐
Seek contact with DB InfraGO and participate in events	▪ Reach out to customer advisors, NCP sector group, customer events, workshops and associations	☐
Participate in test phases, pilots and any training at an early stage	▪ Apply for test access to the new ordering system (portal and interface) and participate in the pilot/test of operational messages	☐

All the information about TAF/TAP.

Stay up to date with our online information platform.

https://www.dbinfrago.com/taf-tap-tsi

DB InfraGO AG's information platform for all topics relating to TAF/TAP (in German).



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