



INTERNATIONAL UNION
OF RAILWAYS

UIC TECHNICAL WORK ON MULTIMODAL TICKETING AND PASSENGER INFORMATION

Passenger Claims conference, Luxembourg 30 September 2026

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UIC cross-border expertise is now applied to multimodality

Extending our expertise across the broader mobility ecosystems

Making specs open and available to anyone

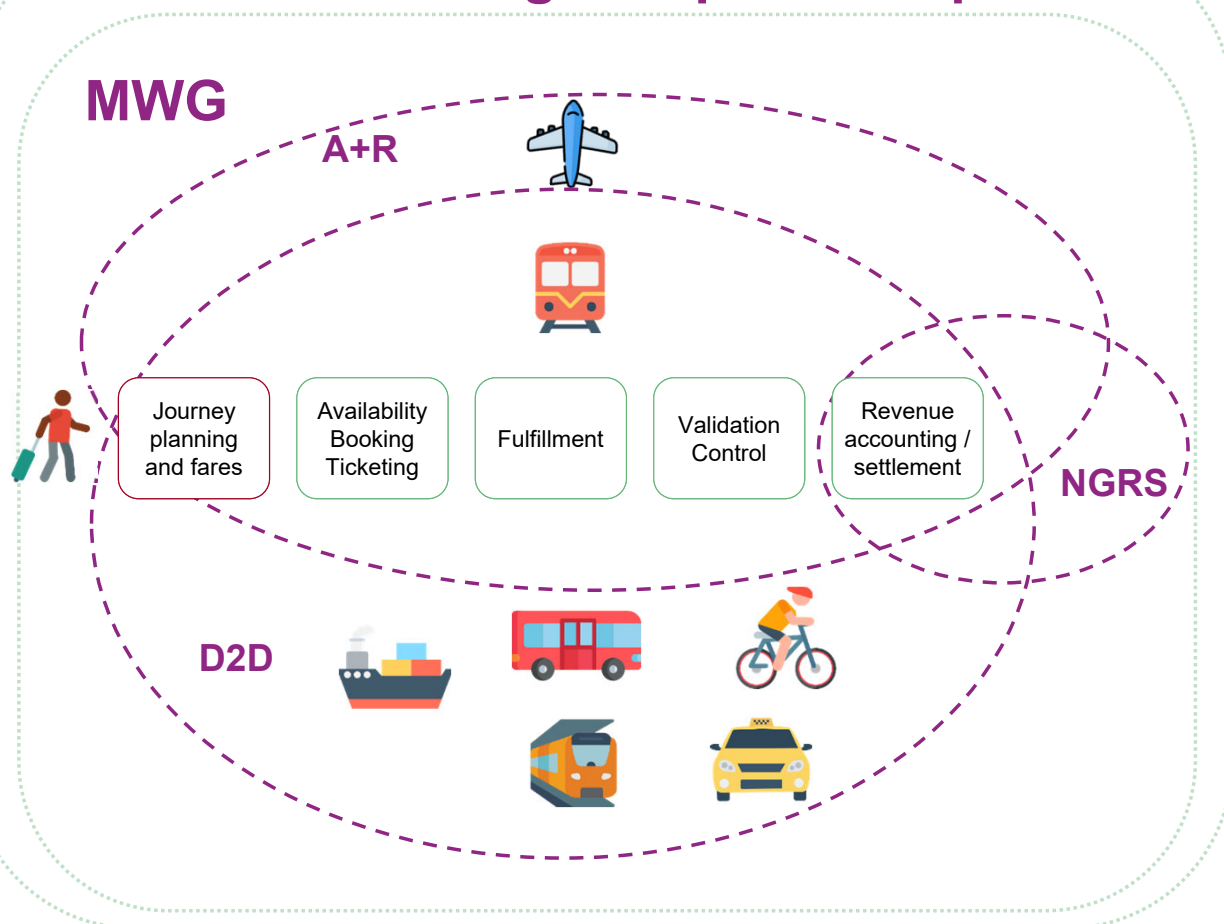


Collaborating with industry bodies and standard-setting organizations



A Glance on UIC Multimodal Initiatives

UIC Passenger Expert Groups



2019: Set the direction

Launched projects to develop a multimodal strategy and embed multimodal requirements into UIC specifications

2025: Scale the delivery

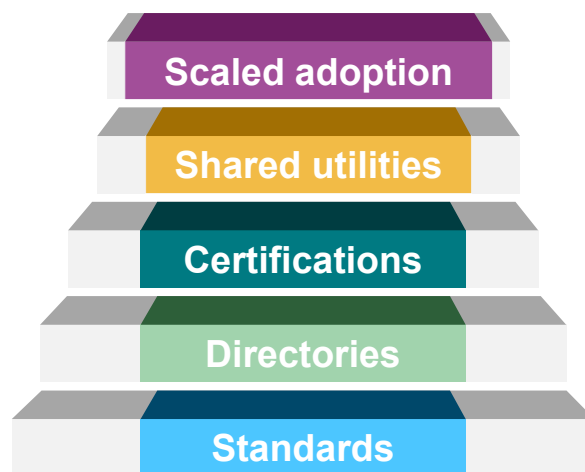
Established the Multimodal Working Group (MWG) with three workstreams:
Door-to-door (D2D)
Air+Rail (A+R)
Next Generation Revenue Sharing (NGRS)

The way forward

Open specifications
co-created by stakeholders



Industry shared
digital enablers



Cross-industry
collaboration



eu travel tech

Recap: Challenges in developing door-to-door mobility



Introducing OMMT, UIC Open MultiModal Toolkit



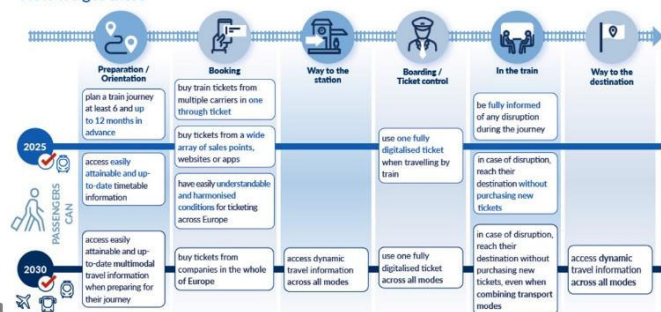
<https://uic.org/passenger/passenger-services-group/ommt>

Technology-agnostic and adoptable in pieces

Open specs, open-source code, reference implementations, sandboxes and shared digital utilities where common services make sense

The Roadmap

How we get there

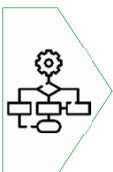


<https://www.cer.be/cer-eu-projects-initiatives/cer-ticketing-roadmap>

Leverages proven, scalable and secure UIC solutions: OMMT bricks have been in production for 3 years supporting international travel

Addressed to rail and non-rail transport stakeholders (PTAs, PTOs, Airline, Bus, Ferry, Parking, Vehicle Sharing, Ride-hailing)

OMMT main features



- ✓ OMMT is designed to **minimize the need to modify existing IT systems**. It does not necessarily call for new IT infrastructure investments. The model is adaptable and flexible, **supporting a variety of business models**.



- ✓ OMMT **enhances the user experience** by offering various options such as booking in advance, purchasing digital tickets (either integrated or separate), as well as pay-as-you-go and account-based travel options.



- ✓ OMMT also facilitates **international collaborations and cross-border travel**. Its open nature is aligned with the EU MMTIS Regulation. OMMT can help realizing the EU vision of cross-Europe multimodal mobility.



- ✓ OMMT bridges and **can work together with key mobility standards**, including Transmodel, OJP, NetEx, SIRI, GTFS and GBFS.

How OMMT can help



Seamless digital provider-to-provider interactions



Faster implementation of core functions: planning, booking, validation/inspection, data sharing and revenue apportionment/settlement



International reach: expose local services and make them consumable globally



Lower integration cost and time-to-market, increasing customer adoption and partner participation



Adoption facilitated by open specifications, simple implementation guidelines, shared utilities

Five pillars, leveraging proven UIC solutions



OMMT.Plan

Provides multi-modal location data and supports the exchange of timetables and fares.



OMMT.Book

This component streamlines the process of creating and managing offers and orders that span across various service providers.



OMMT.Move

It grants customers a secure, digital representation of their travel rights, enabling them to utilize various mobility services while allowing providers to confirm and inspect service entitlements.



OMMT.Sync

This component ensures the real-time exchange of updated information regarding order status, customer journey and service status among service providers.



OMMT.Share

It enables the fair distribution of revenues among service providers, with adjustments based on the actual service usage.



MERITS
DRTF
TSGA location API

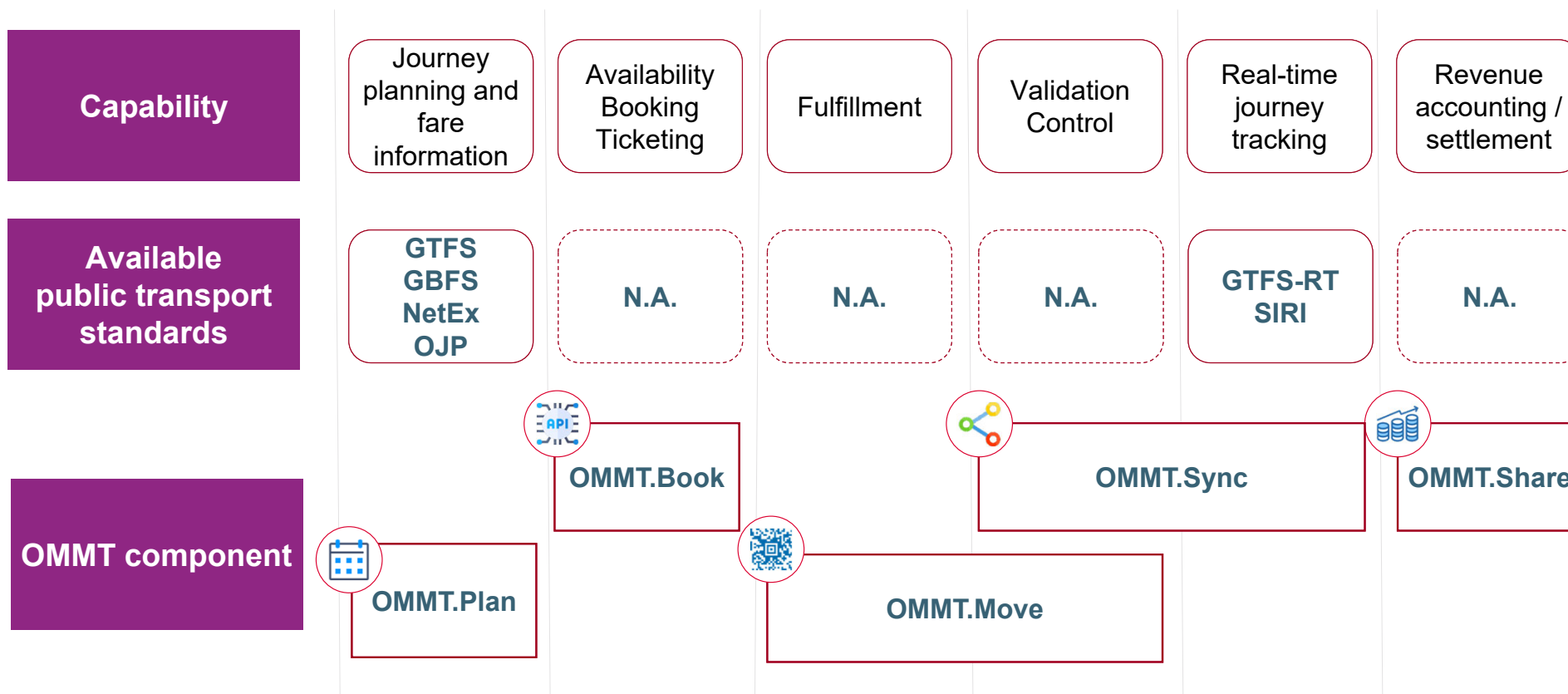
OSDM

FCB
URT
PKMW

eTCD
RTMDE

NGRS

End-to-end capabilities, interoperable with public transport standards



MERITS and RTMDE

- MERITS and RTMDE are complementary UIC platforms
- MERITS provides the reference timetable data used for planning and retailing, while RTMDE provides real-time operational updates
- Together they support a seamless passenger experience before departure and throughout the journey across rail and other transport modes.



MERITS: Timetable Data Foundation for Multimodal Mobility

The trusted source of reference timetable data

- MERITS is the UIC timetable database
- Trusted source of reference timetable data
- Powers journey planning and passenger information worldwide
- Includes rail and other modes timetable data
- Data from thousands of operators worldwide
- Available via APIs and bulk data services to authorized parties

Key message :

MERITS provides the planned timetable foundation for multimodal mobility.

How MERITS enables multimodal mobility

- **Complete journey planning**
Reliable schedules for door-to-door trip planning across all modes
- **Interoperability**
Common data foundation to connect rail, air, bus, metro, ferry, bike, ride-hailing and more
- **Scalability**
From local networks to international corridors and cross-border services
- **Enabler for MaaS ecosystems**
Feeds digital platforms, apps and distribution channels with accurate schedules
- **Better decisions**
Supports operators and authorities with planning, analytics and capacity insights

Key message:

MERITS supports interoperability, journey planning and MaaS ecosystems.

RTMDE: Real-Time Passenger Information Across Modes

Secure, standardized exchange of operational data

- RTMDE is the **UIC real-time platform**
- Enables **secure, standardized exchange of operational data**
- Covers **trains, buses, metros, ferries, flights and other modes**
- Uses multiple **standards: UIC IRS 90918-11/ SIRI profiles**
- Provides **timely and accurate updates**
- Offers **APIs and reference implementations** for quick integration
- Built as a **robust, scalable and secure platform** with trusted access and governance

Key message:

RTMDE provides the real-time operational layer for passenger information

Together, MERITS + RTMDE power door-to-door mobility

MERITS = your plan RTMDE = what's happening now

- **Better passenger experience**
Passengers get the right information at the right time, across all modes
- **Seamless connections**
Real-time updates enable confident connections and alternative options
- **Proactive disruption management**
Early detection and communication reduce impact and improve recovery
- **Operational efficiency**
Shared real-time data improves coordination and decision-making
- **One standard, many users**
Operators, PTAs, MaaS platforms and apps all speak the same language

Key message:

From timetable data to passenger experience: seamless multimodal mobility



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Thank you for your attention.