



# Shift2Rail Innovation Programme 4

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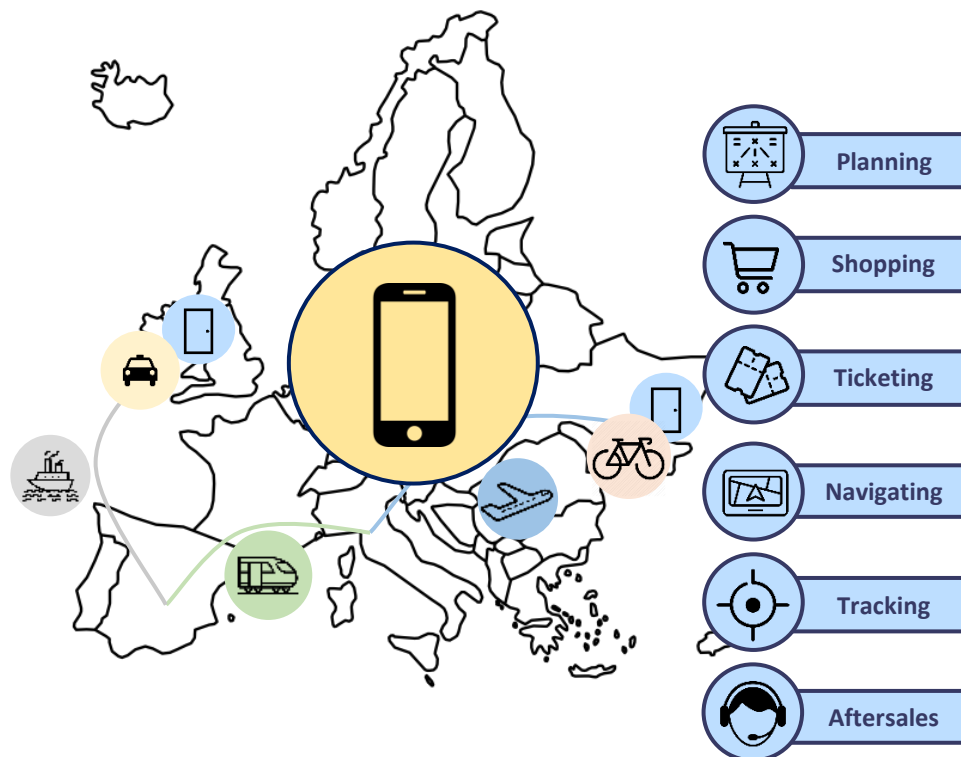
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**IP4 Coordinator**



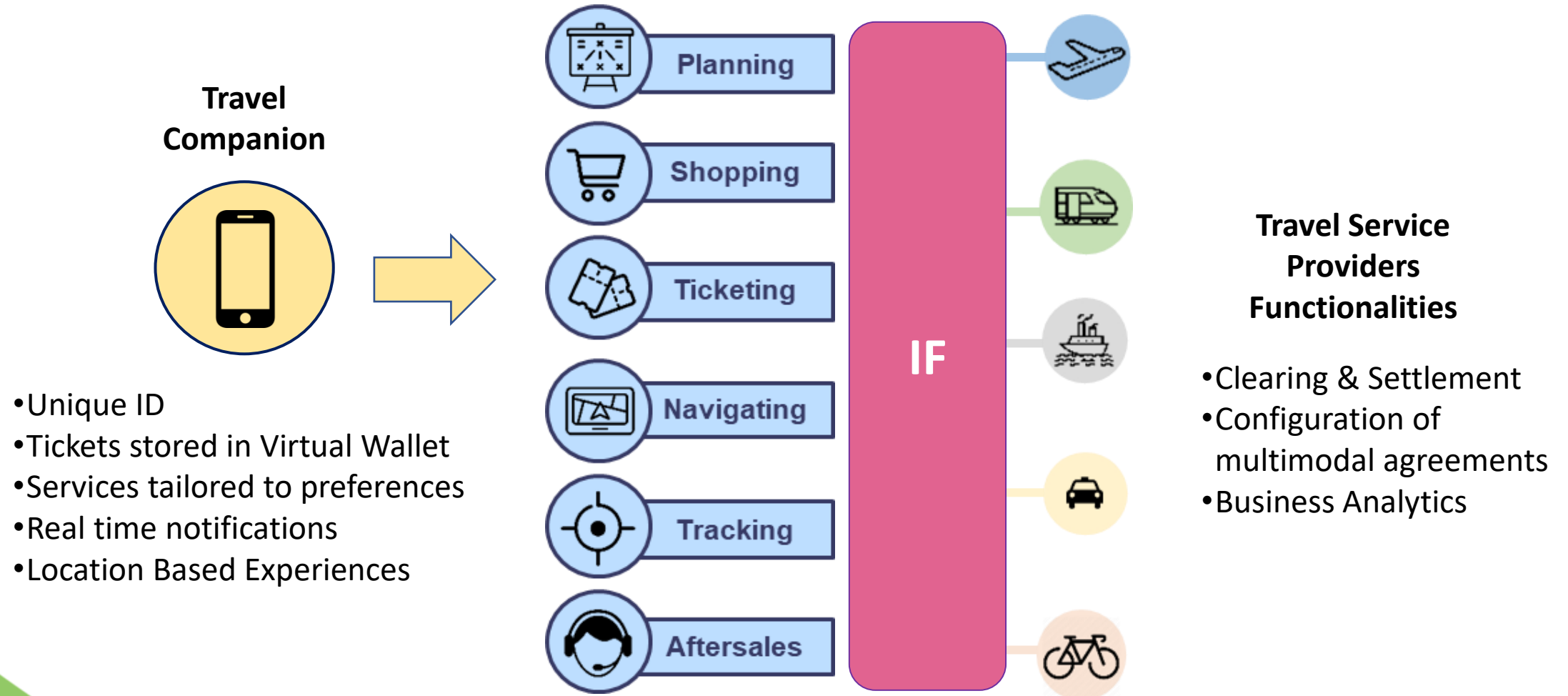
# Seamless Multimodal Travel Across Europe

- Complete door-to-door multimodal travel across Europe
- Access through a travel Companion all travel services (planning, shopping, ticketing, navigating, tracking, aftersales )
- Open framework providing full interoperability to all Travel Service Providers
- More value from data. Decision making to Passengers and Operators > Business Analytics platform

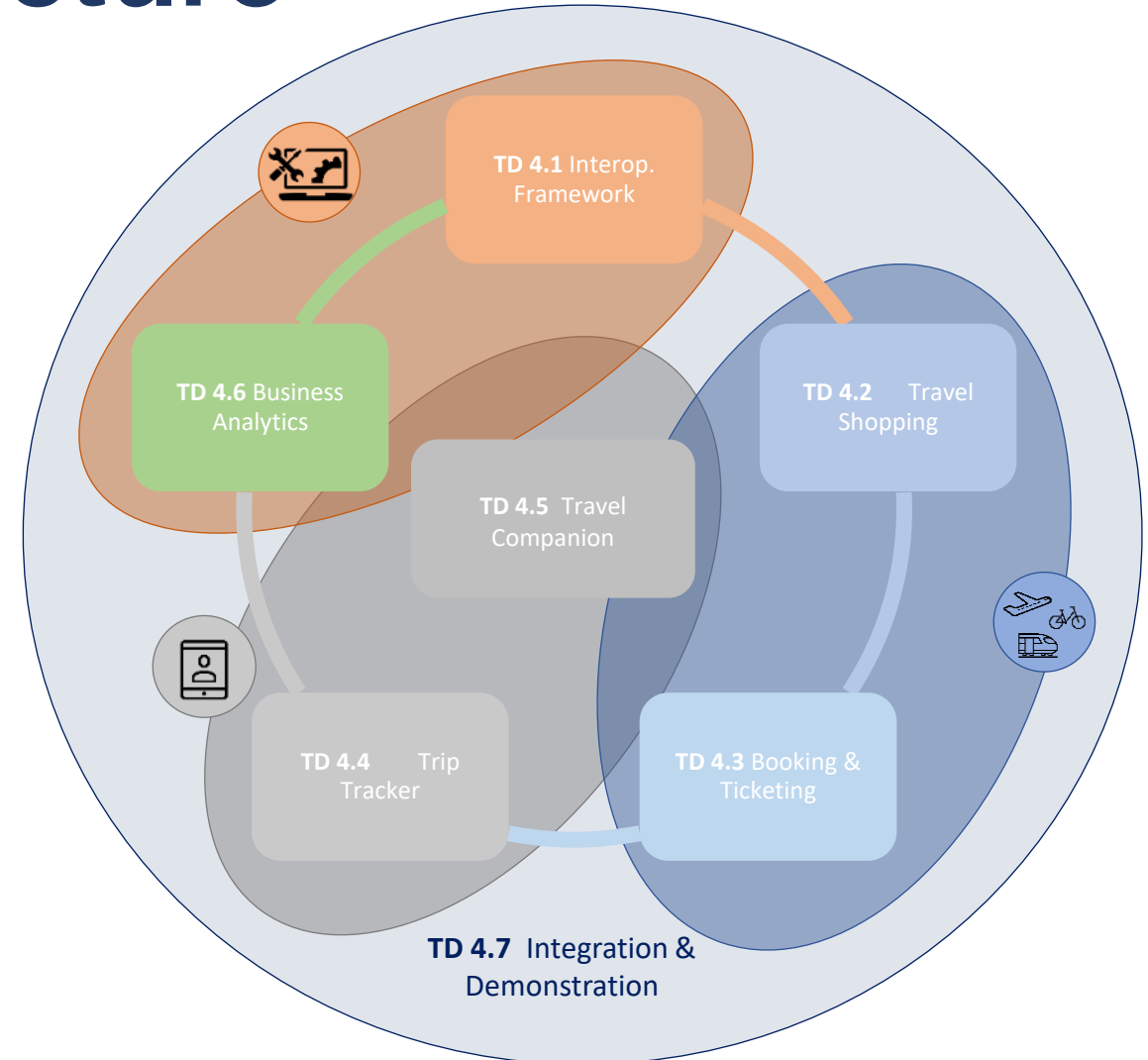
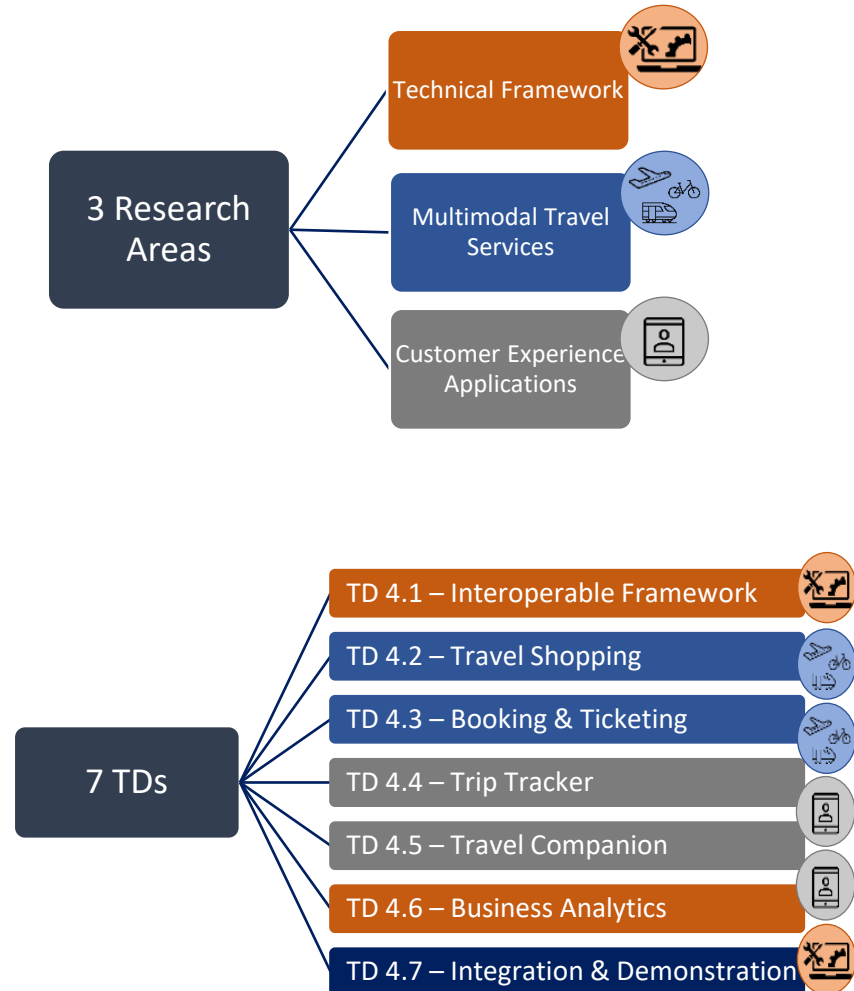




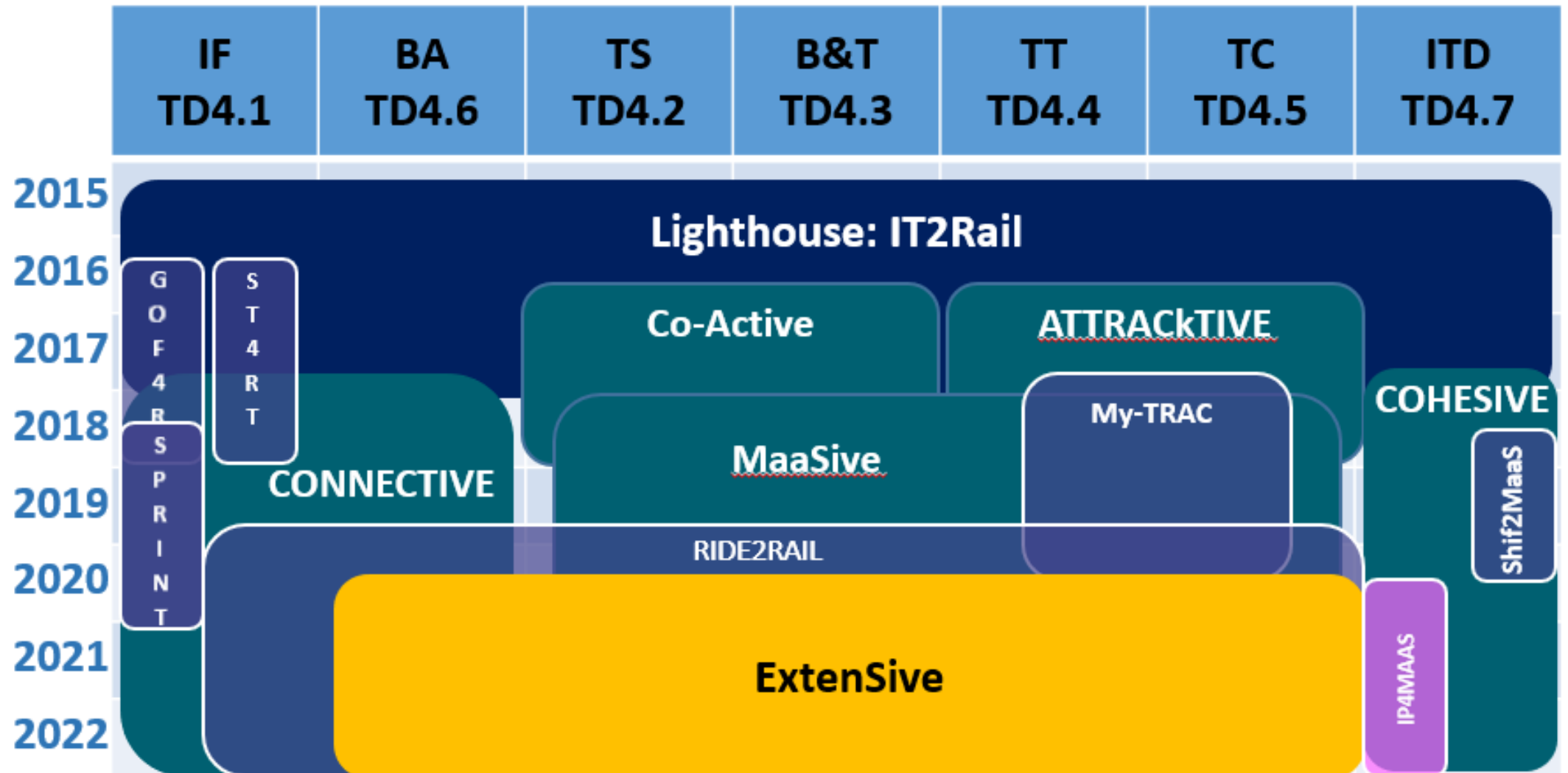
# Seamless Multimodal Travel Across Europe



# IP4 Scope and structure



# IP4 Timeline



# Market uptake through testing and demonstrations

Demonstrate the benefits of IP4 through pilots focused on shared mobility services and seamless passenger experience, conducted in different demonstration sites in Europe.

- Build bridges between IP4 technologies and TSPs
- Overcome the technical and non-technical barriers for the adoption of new integrated mobility platforms
- Prepare the demosites for demonstration (e.g., administrative issues, legacy systems, etc.)
- Analyse the impact of S2R technologies on business models and on the behaviour of passengers.

## Members Participating











## Open Call Projects






# IP4 Timeline



First version of the application to book Co-modal travels.

Inclusion of new Mobility Services in the ecosystem

Starting MaaS concepts

Assess the impact of S2R IP4 ecosystem on the demo sites:

Analyze regulatory and behavioral aspects of the IP4 multimodal transport services market place :

- on the business logics;
- on the creation of new business models;
- and on the behavioral response of passengers

Demonstrations of new IP4 functionalities: RIDE2RAIL and IP4MaaS

2018

2019

2020

2021

2022

First converter demonstrating semantic interoperability using FSM and TAP-TSI

Defined Rules, Processes and Governance Structure for the IF

Innotrans 2018 - First prototype software for booking transport services

Demonstration of MaaS features

Demonstration in three test sites (Lisbon, Malaga, European Corridor)

Demonstration of connection of a “3<sup>rd</sup> party application” with the IP4 platform

Full integration and demonstration of the complete set of IP4 ecosystem



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