



Cross-cutting IT  
systems and  
platforms

Collaborative  
processes,  
connectivity and data

# Federated reference architecture

Developed by :

wings.

Project by :

 DELPHI



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Operational fields

Technologies

Solutions



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## Solution description

A federated architecture enabling integration across multimodal passenger and freight transport platforms.

It is designed to facilitate research and development across sectors. This cloud-based framework supports data spaces and standardised interfaces, allowing users to co-develop services and components.

The architecture can be adapted to diverse technologies and facilitates collaboration in decentralised environments.



## Benefits

- Decentralised architecture enables simultaneous multi-user collaboration
- Supports faster adaptation to market needs
- Enhances interoperability across platforms and systems
- Ensures secure data exposure and exchange
- Enables flexible integration of new components and services
- Cloud-based, leveraging data spaces for scalability and efficiency

## Main beneficiaries:

- Research Institutions
- Market sectors
- Cloud/service providers

Develop the technology of tomorrow

AI powered solutions

wings.

Technology readiness level :  
Implementation stage :

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## Our DELPHI use cases

Athens: Installing IoT solutions in Attica road in Athens to predict road structural failures and traffic optimisation. Provision of real time data for effective means of traffic communication.

Find out more:



Would you like to know more?  
Take contact :



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