



Mobility Data Interoperability Principles

FOR IMMEDIATE RELEASE

Wednesday, November 3, 2021

COALITION ANNOUNCES LAUNCH OF MOBILITY DATA INTEROPERABILITY PRINCIPLES

A coalition of transit agencies, cities, nonprofits, planning organizations, and state departments of transportation today unveiled a set of principles for achieving greater interoperability in the technologies that power the mobility industry.

This effort, known as the Mobility Data Interoperability Principles, represents a new and coordinated attempt to implement open data standards throughout the transit industry. The principles build off the successful ongoing work within the industry to develop and implement individual open data standards, but the principles represent a shift in bringing back room operations in transit to the forefront. The vision behind the principles is to improve the quality and accessibility of mobility data for all service providers, empower riders to meet their transit needs, and allow transit tech companies to innovate with the confidence that their solutions will be well-integrated into a complex ecosystem and market.

The five principles established in the document are:

1. All systems creating, modifying, or consuming mobility data should be interoperable.
2. Interoperability should be achieved through the development, adoption, and widespread implementation of open standards that support the efficient exchange and portability of mobility data.
3. Transit agencies and other mobility service providers should have access to tools that present high-quality mobility data accessibly, equitably, and in real time to assist travelers in meeting their mobility needs.
4. Transit agencies, other mobility service providers, and travellers should be able to select the mobility technology components that best meet their needs.
5. All individuals and the public should be empowered through high-quality, well-distributed mobility data to find, access, and utilize high-quality mobility options that meet their needs as they see fit, while maintaining their privacy.

Dozens of industry and academic experts drafted and reviewed the Mobility Data Interoperability Principles over a period of several months. The resulting document provides a clear roadmap to effectively modernizing the mobility industry, promoting the data ownership rights of mobility service providers, while safeguarding the privacy rights of individuals. The principles are not just intended to be an abstraction – the document includes commitments for specific action to guarantee that industry actors will support the principles and help achieve its vision.

Public agencies, private companies, and other organizations are invited to join the Mobility Data Interoperability Principles initiative as cosignatories. A town hall meeting will be held by the

coauthors on Nov. 9 at 10:00 a.m. PST. Members of the public are invited to attend to learn more about how the principles will be put into practice in the near future.

The Principles are detailed, along with implementation commitments, resources, and processes at <http://interoperablemobility.org>.

To RSVP for the Mobility Data Interoperability Principles townhall meeting, to get more information about the principles and this effort, or to become a cosignatory, contact Scott Frazier at scott@compiler.la.

Co-authors

In alphabetical order.

[California Association of Coordinated Transportation\(CALACT\)](#)

[California Integrated Travel Project \(Cal-ITP\)](#)

[Denver Regional Transportation District \(RTD\)](#)

[ENTUR](#)

[Massachusetts Bay Transportation Authority \(MBTA\)](#)

[Metropolitan Transportation Commission \(MTC\)](#)

[Metro Transit](#)

[MobilityData](#)

[Shared Use Mobility Center \(SUMC\)](#)

[Taskar Center for Accessible Technology \(TCAT\)](#)

[Tri-Met](#)

[VIA Metropolitan Transit San Antonio](#)

[Washington State Department of Transportation \(WSDOT\) Public Transportation Division](#)

Cosignatories

In alphabetical order.

[Cambridge Systematics](#)

[Capitol Corridor Joint Powers Authority \(CCJPA\)](#)

[Dr. Andre Carrel, The Ohio State University*](#)

[Dr. Giovanni Circella, University of California Davis*](#)

[Cityway](#)

[Cubic](#)

[Denver Regional Transportation District \(RTD\)](#)

[ENTUR](#)

[Full Path Transit Technology](#)

[Fundapi](#)

[Dr. Mark Hickman, Queensland University*](#)

[IBI Group](#)

[Ito World](#)

[Dr. Juan Matute, University of California Los Angeles*](#)

[Kuba](#)

[Massachusetts Bay Transportation Authority \(MBTA\)](#)

[Metropolitan Transportation Commission \(MTC\)](#)
[Method.City](#)
[Minnesota Department of Transportation](#)
[MobilityData](#)
[National Rural Transit Assistance Program](#)
[Natural Resources Defense Council](#)
[Nevada County Connects](#)
[Dr. Greg Newmark, Kansas State University*](#)
[Open Mobility Foundation \(OMF\)](#)
[OptiBus](#)
[Dr. David Porter, Oregon State University*](#)
[Remix by Via](#)
[Roadify Transit](#)
[RMI](#)
[Santa Barbara Metropolitan Transit District](#)
[Santa Rosa Citybus](#)
[Schedule Masters Inc.](#)
[Seattle Department of Transportation](#)
[Dr. Susan Shaheen, University of California, Berkeley*](#)
[Shared Use Mobility Center \(SUMC\)](#)
[Taskar Center for Accessible Technology](#)
[Transit App](#)
[Tri-Met](#)
[Trillium Solutions](#)
[UrbanLabs LLC](#)
[VIA Metropolitan Transit San Antonio](#)
[Washington State Department of Transportation \(WSDOT\)](#)
[WINI Technology](#)

*Affiliation for identification purposes only