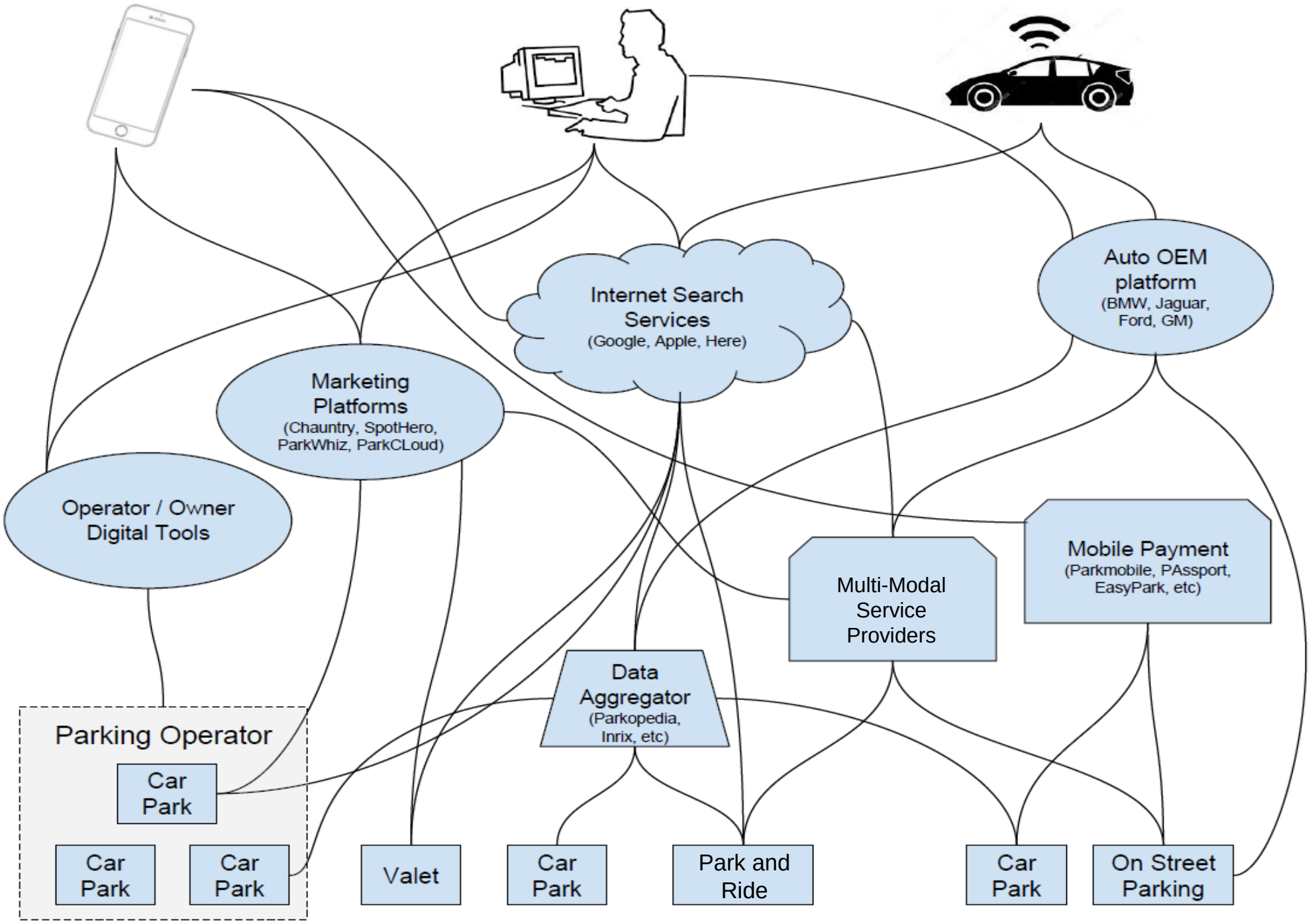
ALLIANCE FOR PARKING DATA STANDARDS

INTEGRATION, COMPATIBILITY, COMMUNICATION



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Why do we need a new standard

Who will benefit from the standard?

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Operators

- Access to integrators, payment solutions, customers
- Simplified systems integration
- Interoperability between services

Suppliers and services

- Simple integration – one interface, many connections
- Cost effective
- Compliance with standards demonstrates product quality and interoperability

Municipalities

- Ensure interoperability between equipment and service providers
- Allow access to a wide choice of service providers
- Ability to innovate
- Reduce costs

Customers

- Ability to use apps/services of choice
- Access to more info and services

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Who we are…

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European Parking Association

The EPA is the umbrella organisation for 22 national European parking associations. The member associations represent the parking sector which is consists of private companies and public bodies that are operating and managing on-and off-street parking structures and services

British Parking Association

The BPA is a not for profit organisation, representing, promoting and influencing the parking and traffic management profession throughout the UK. As the leading UK authority in the sector we represent around 700 organisations

International Parking Institute

The IPI is the world's largest and leading association of professionals in parking. Members include everyone from garage owners and operators to architects to city managers to government agencies, health care centres, universities, airports, and convention centres.

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Our Approach

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- Led by the parking industry
- Industry defines objectives and priorities
- Develop the standard in phases
- Working groups develop drafts
- Consult widely and review during each phase
- Collaborate with other stakeholders: ITS, OEMs, MaaS

Phases of Development

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Place

Rate

Occupancy

Enforcement

Credentials

Transaction

Event

Curbside Management

To Be Confirmed

Support Curbside Management

Phase 1

Phase 2

Phase 3

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APDS Data Standard Documents

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Summary & Overview

Information Model

- List of data elements / acceptable entries for certain data elements
- Relationship diagram showing how the data is organized and expected to be sent and received.

Use Cases

- Example use cases for applying the data standard

Data Dictionary

- Terminology and definitions for the data elements

Actions for you!

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- Visit www.allianceforparkingdatastandards.org
- Read the Summary or Overview documents
- Understand how the APDS standards can help you!
- Specify the APDS standards in your future procurements

- Request the APDS Release 1.0 documents
- Give us your feedback
- Join the APDS community

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www.allianceforparkingdatastandards.org