

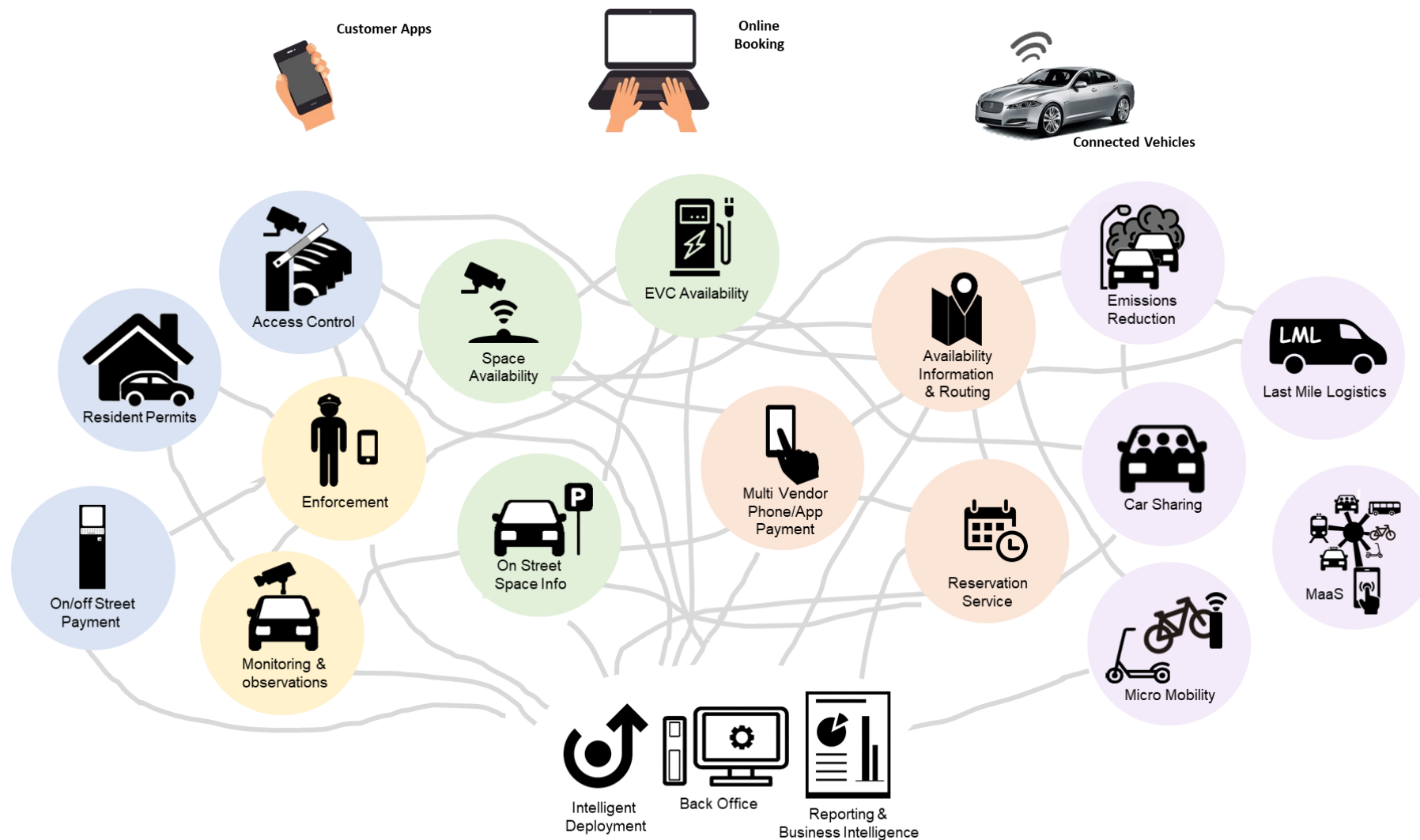
National Parking Platform Pilot

Introduction



June 2023

Smart Parking Deployment



In Practice, the challenge for parking operators (especially local authorities) is that they must integrate disparate systems in order to fulfil their policies and objectives.

The National Parking Platform uses the Alliance for Parking Data Standards (APDS) protocols to enable operators to integrate services and equipment to create a better environment for their localities and customers as well as developing sustainable transport options for the future.

The NPP is a Department for Transport funded initiative.

Parking Operators



Customers



"Customer" Relationship

Exclusive
Fixed Term Contract

Payment

Customer
"Relationship"

Current situation:

Direct contract between Operator & Service Provider

Service Providers



The Benefits of an Open Market...

- Additional and predictable investment – securing long term access to the market
- Drive improved revenue stream(s)
- More coverage/enhanced footprint
- Increased usage*
- Enhanced focus on the consumer - innovation and providing a quality service

**Suppliers
benefit**

**Operators
benefit**

**Motorists
benefit**

- Happier Visitors / Residents
- Increased digital parking
- Cost savings (even cost removal)
- Reduced procurement
- More innovation
- Better and enhanced data provision
- Potential for integrated solutions

- More choice
- Ability to use their favourite app
- Greater ease of use
- More innovation driven through competition for the consumer
- Resilience

Parking Operators



Membership of NPP
(no procurement)

National Parking Platform NPP

Single Contract with NPP
(due diligence)

Customers



Customer Relationship
(open market)



Availability Information & Routing



Reservation Service

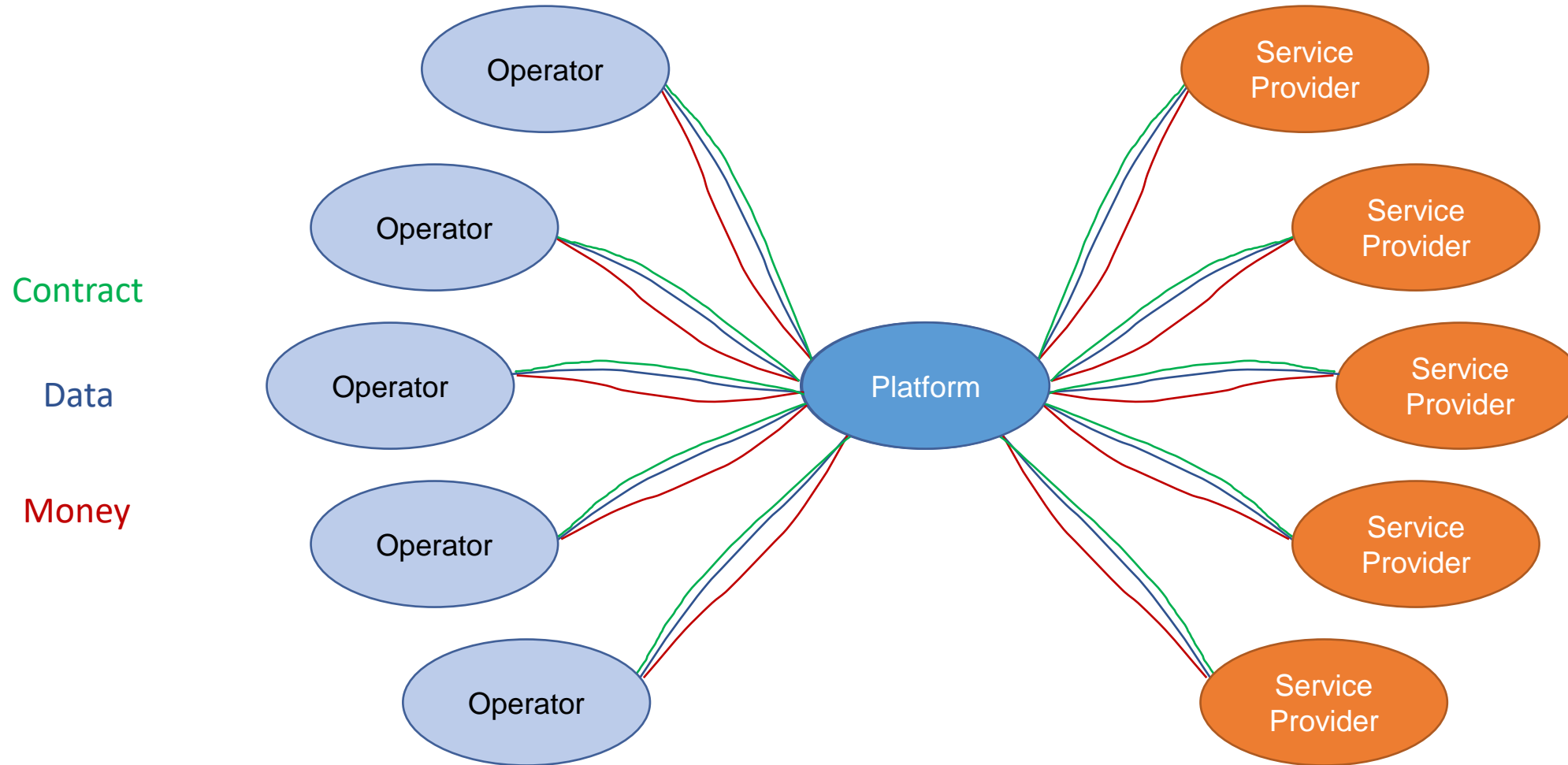


Multi Vendor Phone/App Payment

Service Providers

The NPP creates the Multi Vendor environment...

A platform makes open market sustainable



What is the National Parking Platform?



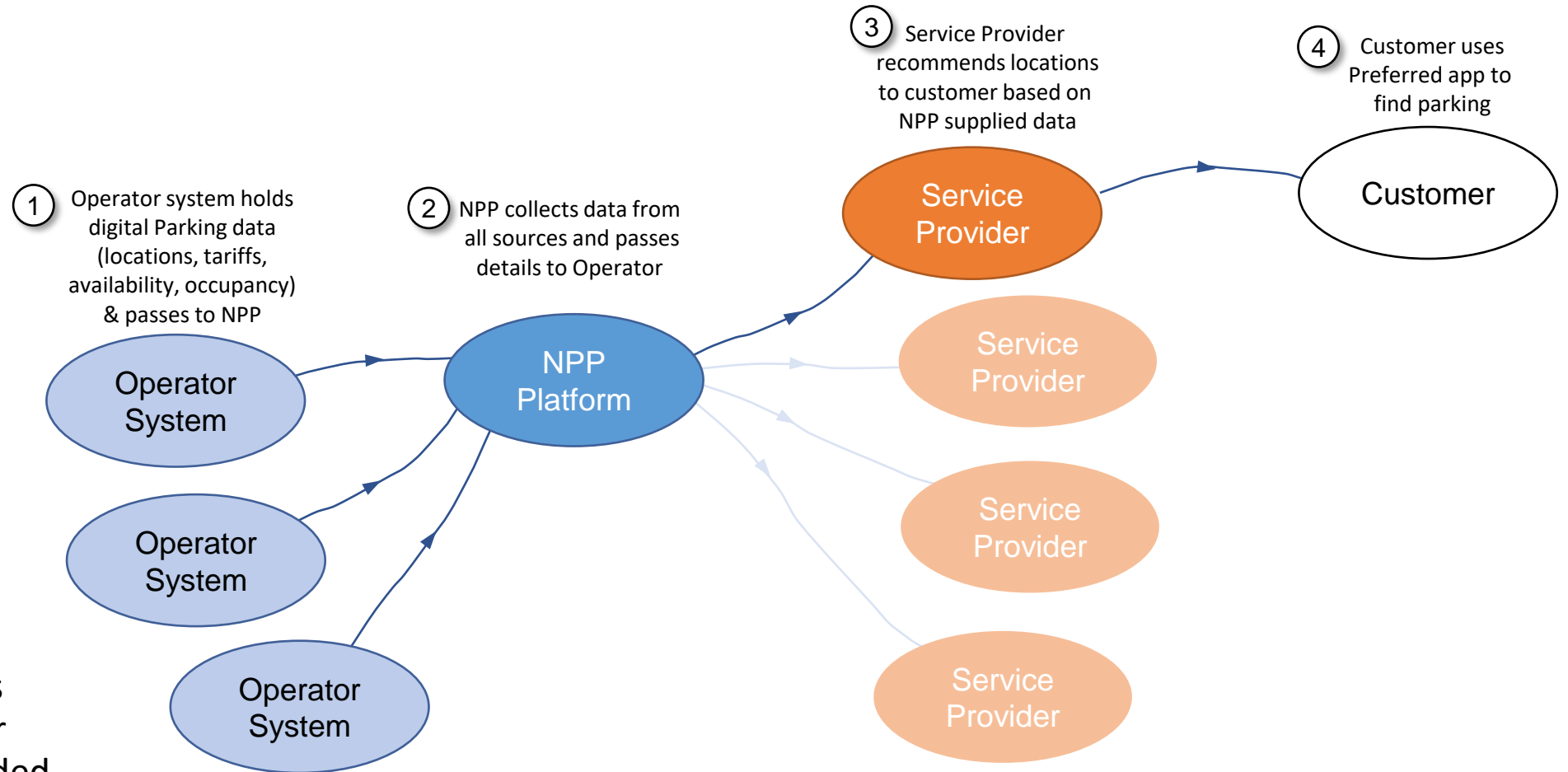
- **A contract manager**
- **A data exchange**
- **A payment clearing house**

What is the National Parking Platform?



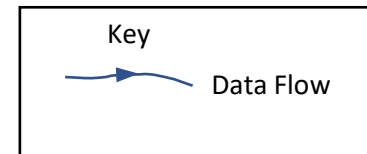
- **A collaboration between central and local government (with private sector involvement)**
- **Publicly owned**
- **Not for profit**

The NPP supports digital publishing

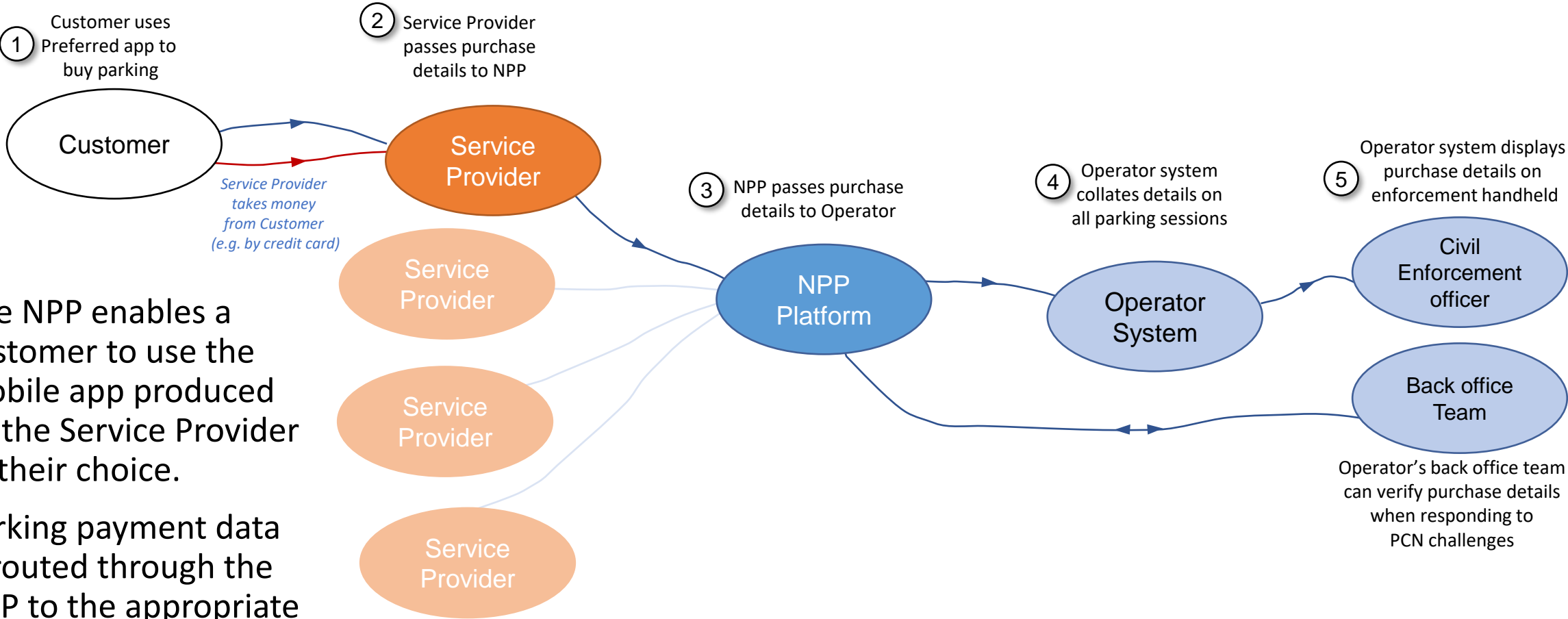


The NPP enables a customer to use the mobile app produced by the Service Provider of their choice.

Parking availability is sent to the customer based on data provided by operators.



How the NPP enables multi-vendor payment



The NPP enables a customer to use the mobile app produced by the Service Provider of their choice.

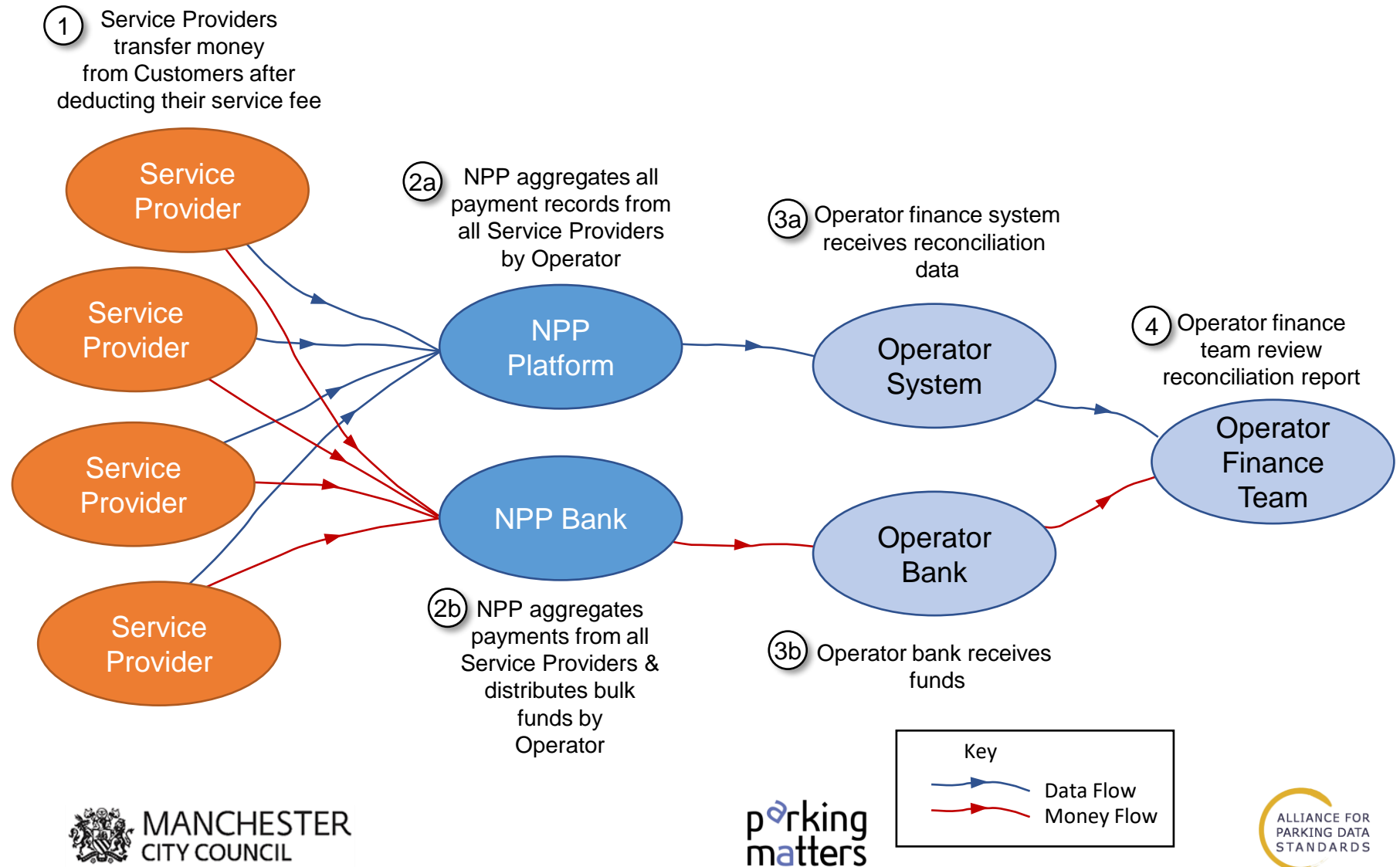
Parking payment data is routed through the NPP to the appropriate operator.

NPP simplifies funds transfer and reconciliation



All payments made through the NPP are aggregated and sent on to the relevant operator.

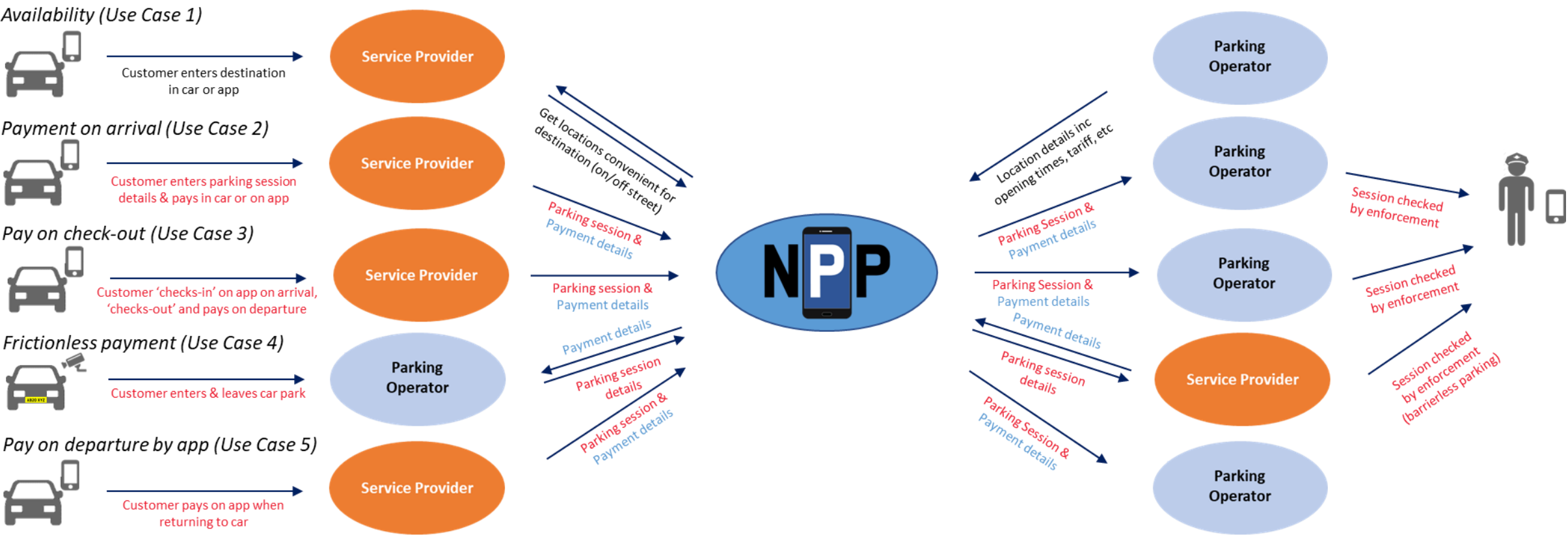
The NPP supplies all the data required to reconcile parking payments against amounts received.



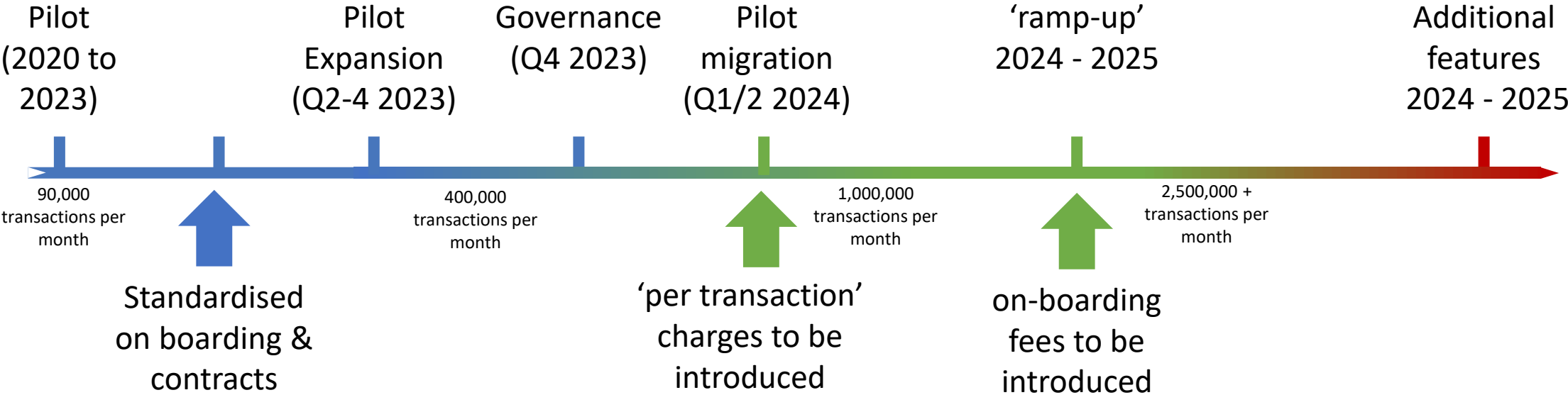
NPP Pilot Use cases



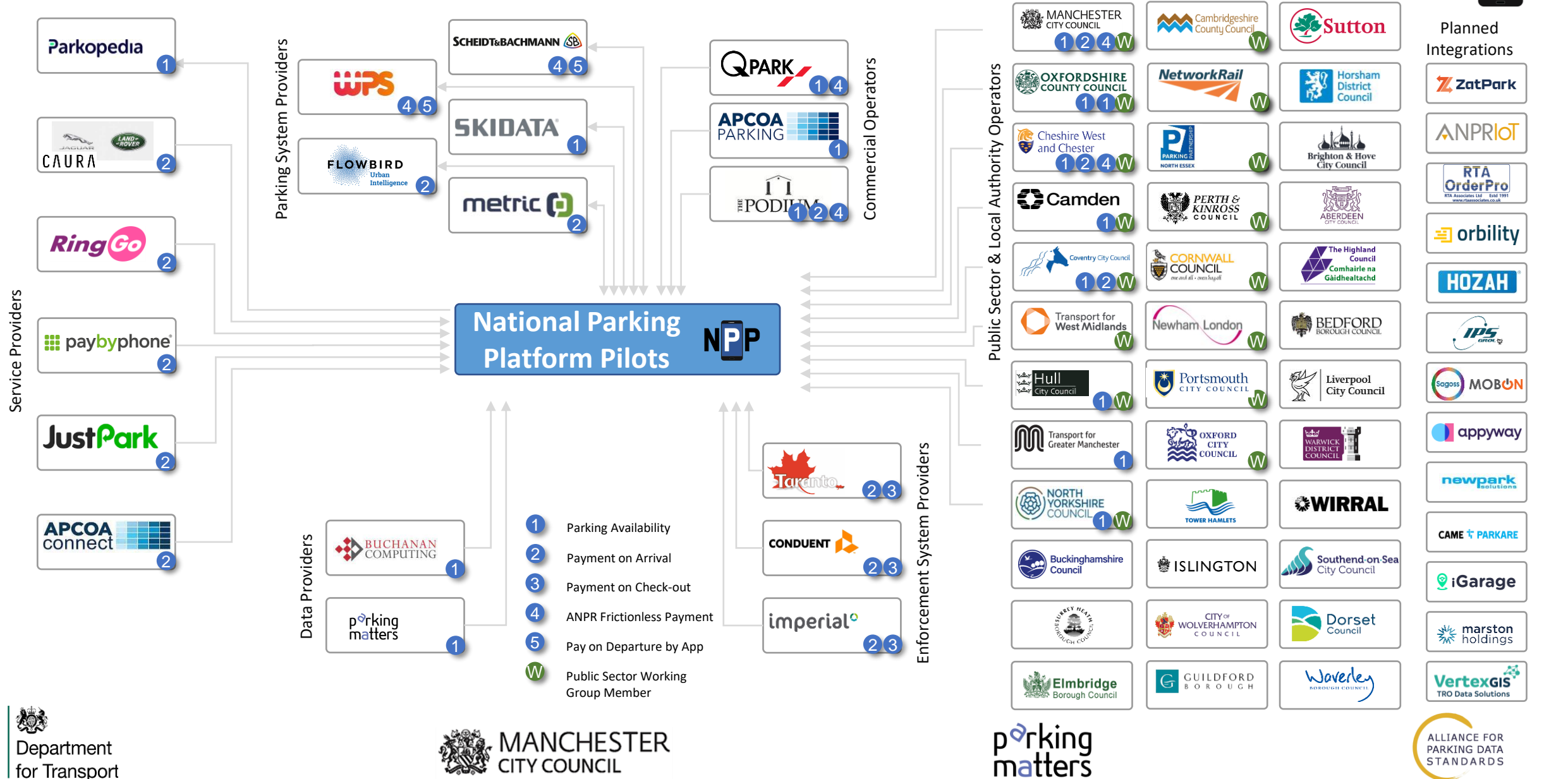
The NPP Pilots demonstrate the most common use cases. NPP pilots are supported by Manchester City Council. The use cases link the end customer and parking operator through a “Service Provider” (OEM platform or a customer account). Customers can access parking offered by any operator on the platform, paying through their Service Provider account.



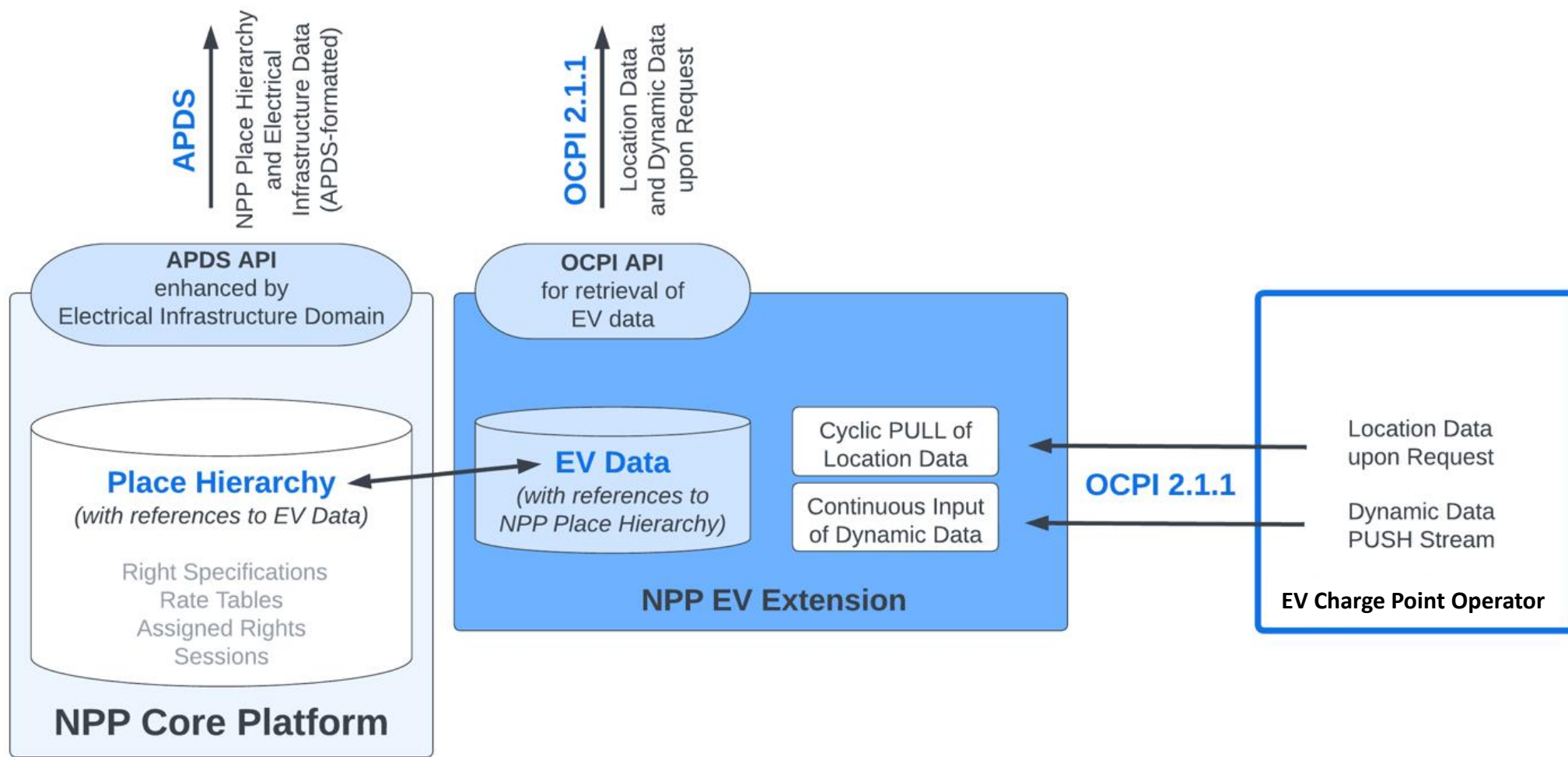
Delivering the NPP



Partners & consultees



Adding EVCP information



How do we on board an Operator?



Agreement to Join

Contracts

Review Standard Contract

Sign Contracts

Technical

Assess & Update
Enforcement system

Decide on & configure
IVR provision

Assess P&D & configure

Configuration

Create Locations &
Tariff spreadsheet

Distribute spreadsheet

Complete Operator
Details spreadsheet

Communication

Internal comms plan

Design & implement
new signage

External comms plan

Testing

Test locations & tariffs

End to end testing
(from payment to HHC check)

Training

Enforcement team

Business processing team

Introduction and application pack...

Contains all the information you need to get started including:

Briefing Note a short background to the NPP, the benefits and risks (including mitigation)

Standard Service & Data Protect Agreements for review

Local Authority Operator Questionnaire asks for all the details we will need to get started.

Sample Project Plan & Task Flowchart

Locations and Operator Details Spreadsheets showing what we will need to share with the Service Providers

More details from our website...



The screenshot shows the website **npp-uk.org**. A callout bubble points to the URL in the browser's address bar. Another callout bubble points to the **NPP** logo on the page. The website features a dark blue sidebar with a search bar and a list of 13 items. The main content area has a heading **National Parking Platform** and a subheading **NPP – A Brief Introduction**. The introduction text describes the platform as a local authority owned and DfT funded pilot project. Below the text is a list of four points.

1. NPP Pilot Outline

2. NPP Pilot Phases

3. Pilot Use Cases

4. Sample Flows

5. NPP Pilot Evidence

6. NPP Commercials

7. NPP Reporting

8. NPP Session Viewer

9. Standard Location Codes

10. Reference Documents

11. Presentations

12. Information Pack Presentation

13. Join the NPP

National Parking Platform

NPP – A Brief Introduction

Payment for parking is lagging behind developments in other markets and industries. Parking customers, both on-street and in car parks, face a fragmented market offering a wide variety of payment options making the simple act of parking and paying complex and confusing as options are dependent on where they want to park and which payment app they have (or don't have). The National Parking Platform (NPP) is a local authority owned and DfT funded pilot project that brings customer experience into the 21st century by facilitating data exchange, digital payments, and a new way of delivering better parking and mobility services. In essence, the NPP:

1. Provides a simplified and improved customer journey from start to finish for the end-customer
2. Creates a centralised and cost-efficient system supplying data to councils that can inform present and future strategic decisions
3. Enables a competitive, innovative market by allowing systems to communicate with each other via open data standards and interfaces (APDS/ISO TS 5206-1)
4. Is a publicly owned, not for profit, national facility that enables Parking Operators (public and private) to communicate digitally with Service Providers.



**For More Details
& to join the NPP:**



<https://npp-uk.org>
npp@parkingmatters.com