

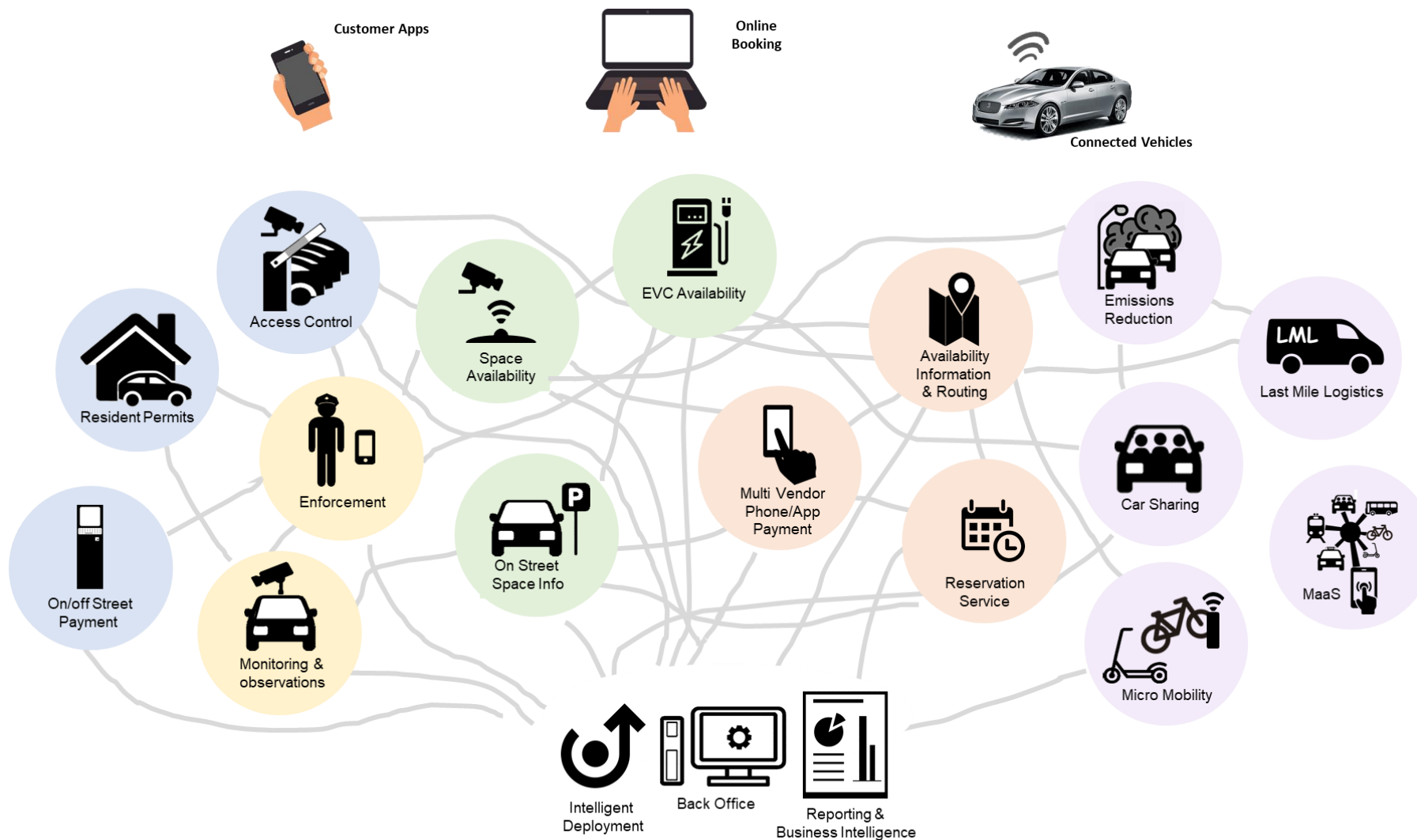
National Parking Platform Pilot

Introduction



March 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**

Customers



Customer Relationship
(open market)

Single Contract with NPP
(due diligence)



Availability Information & Routing



Reservation Service

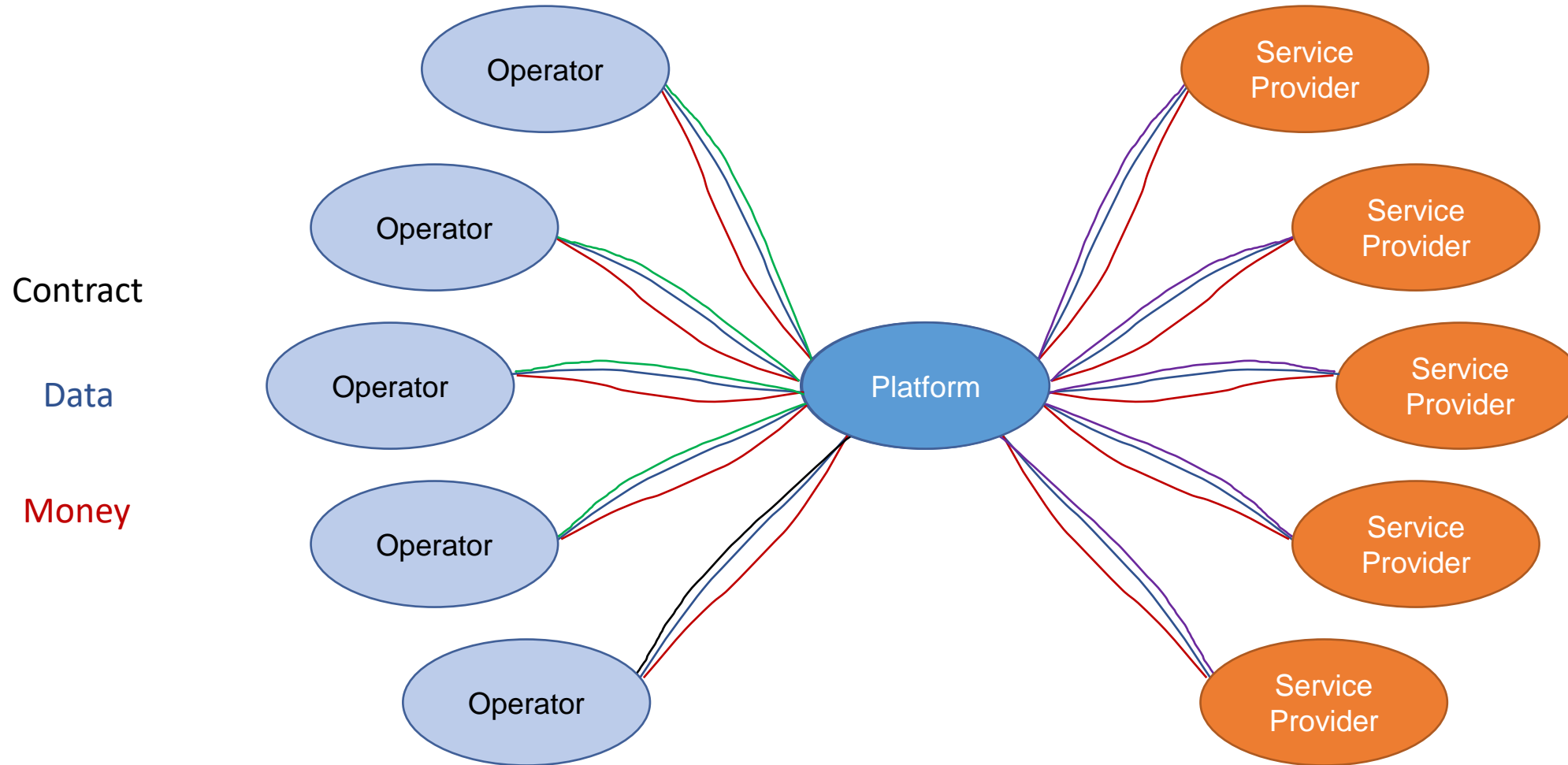


Multi Vendor Phone/App Payment

Service Providers

The NPP creates the Multi Vendor environment...

A platform makes open market sustainable



What is the National Parking Platform?



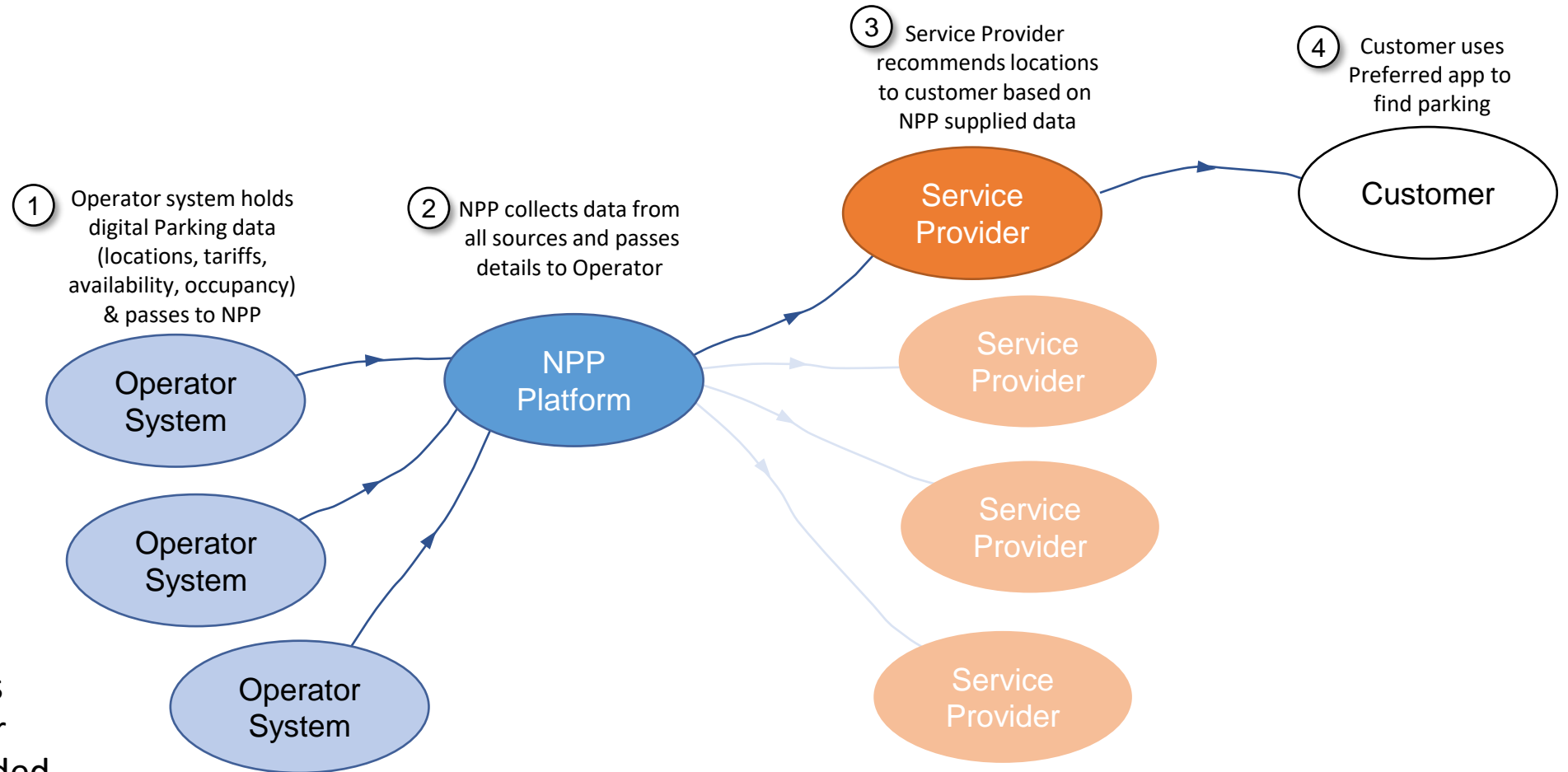
- **A contract manager**
- **A data exchange**
- **A payment clearing house**

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.

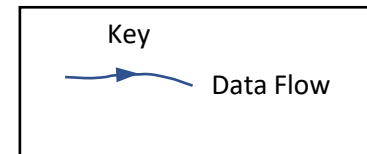


Department
for Transport

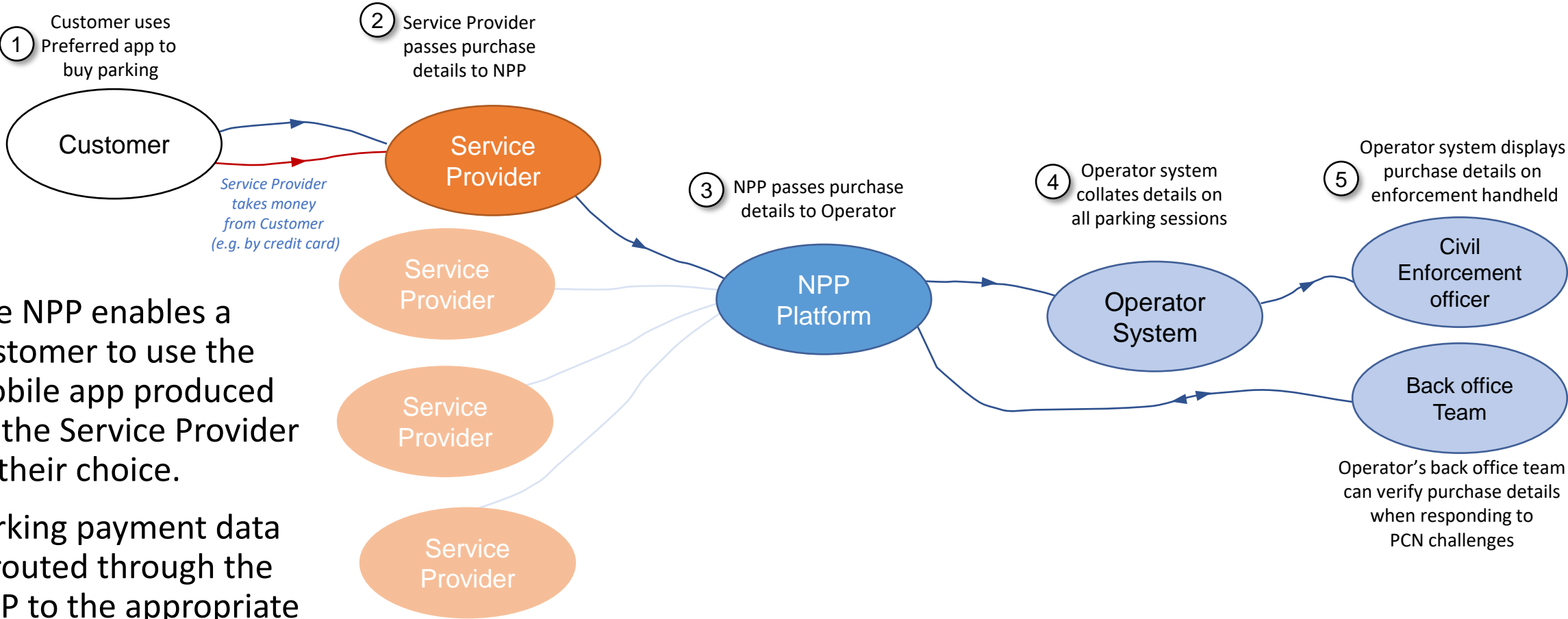


MANCHESTER
CITY COUNCIL

parking
matters



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.

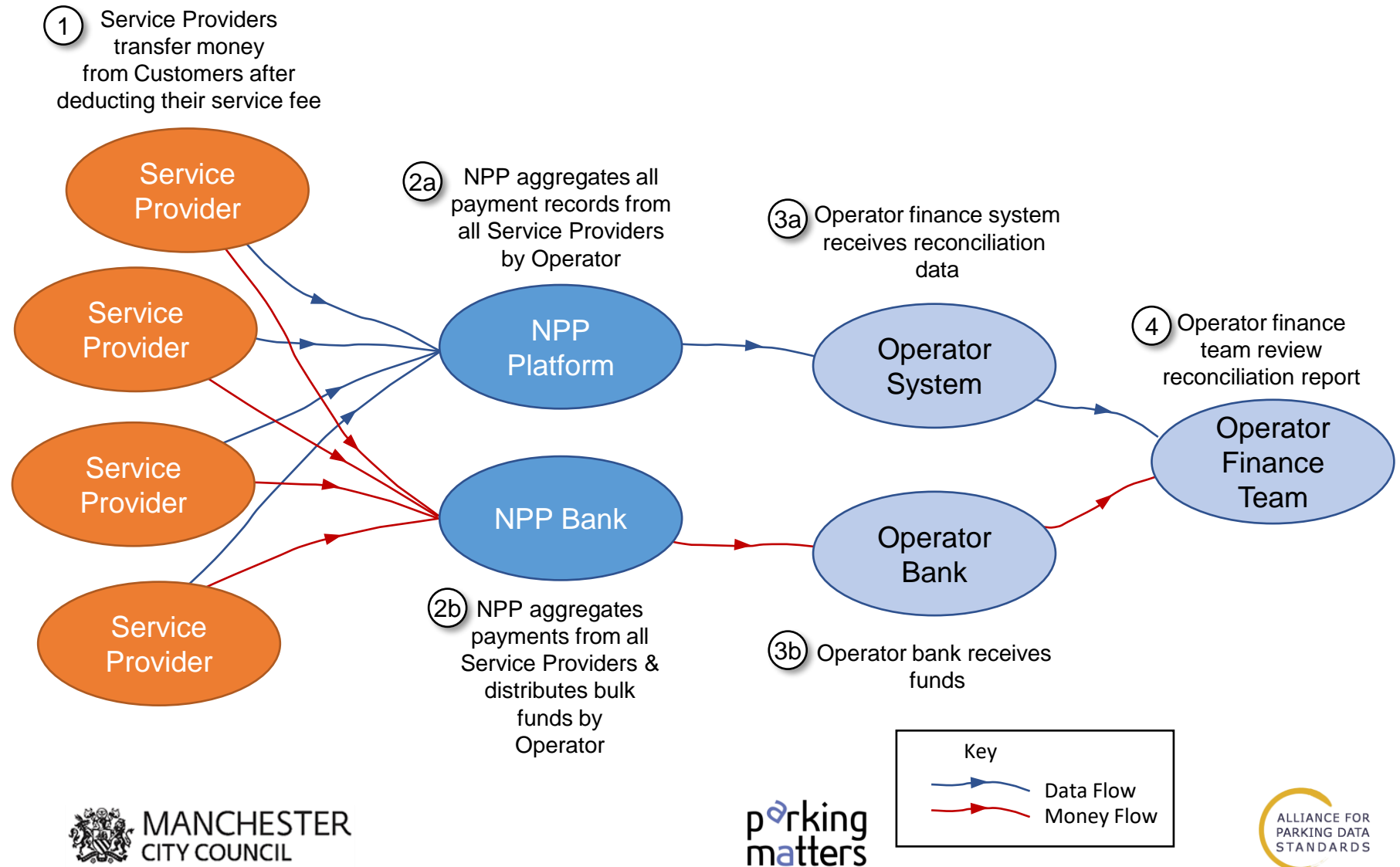


NPP simplifies funds transfer and reconciliation

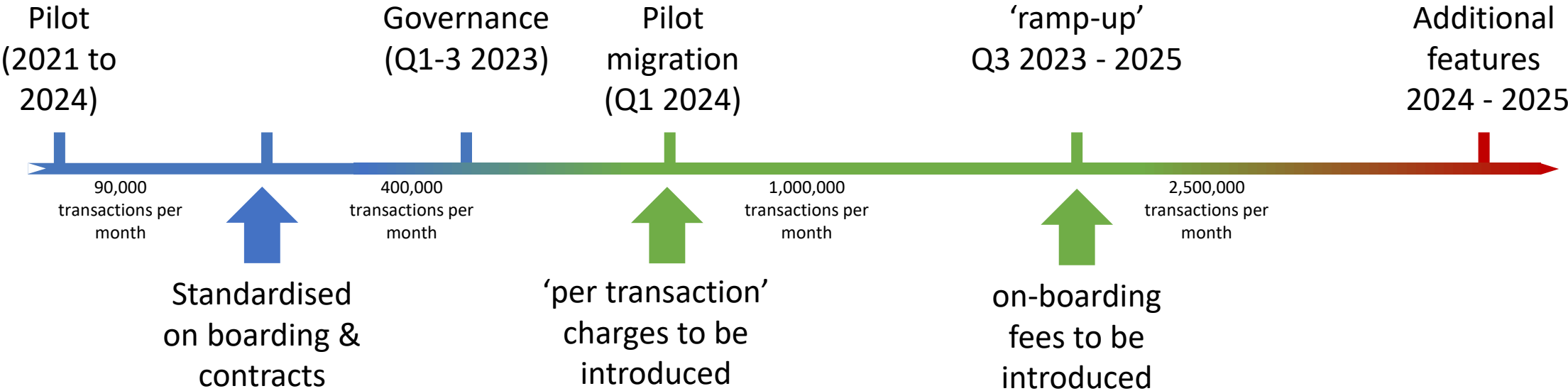


All payments made through the NPP are aggregated and sent on to the relevant operator.

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



Delivering the NPP

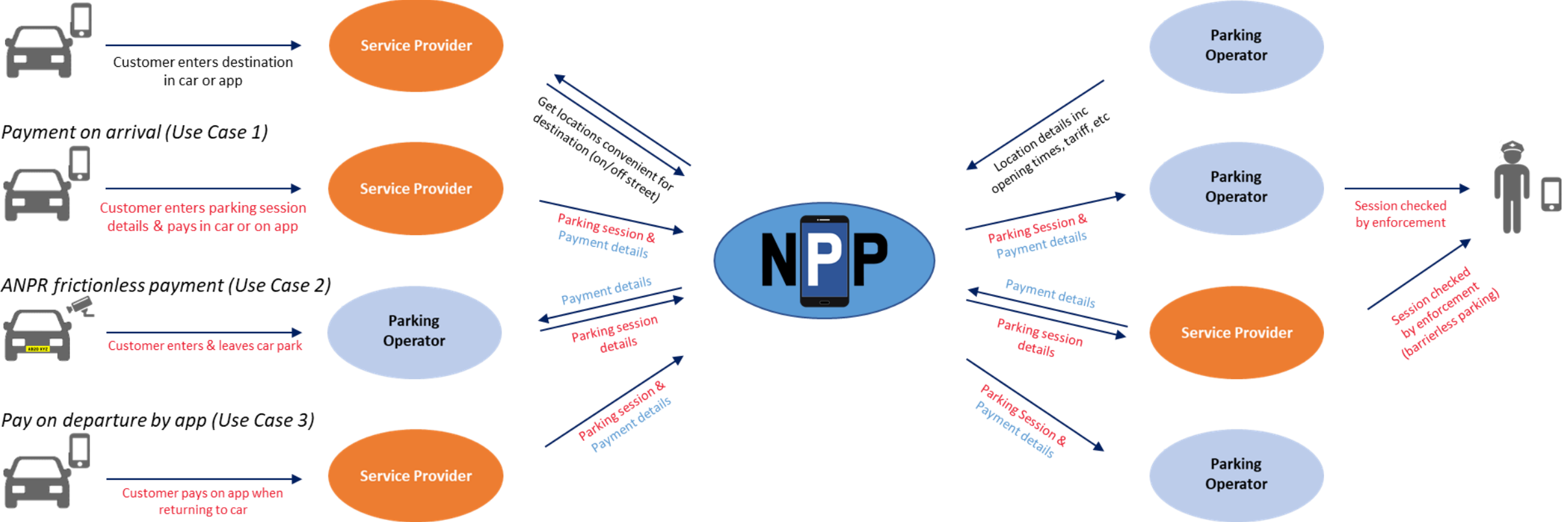


NPP Pilot Use cases

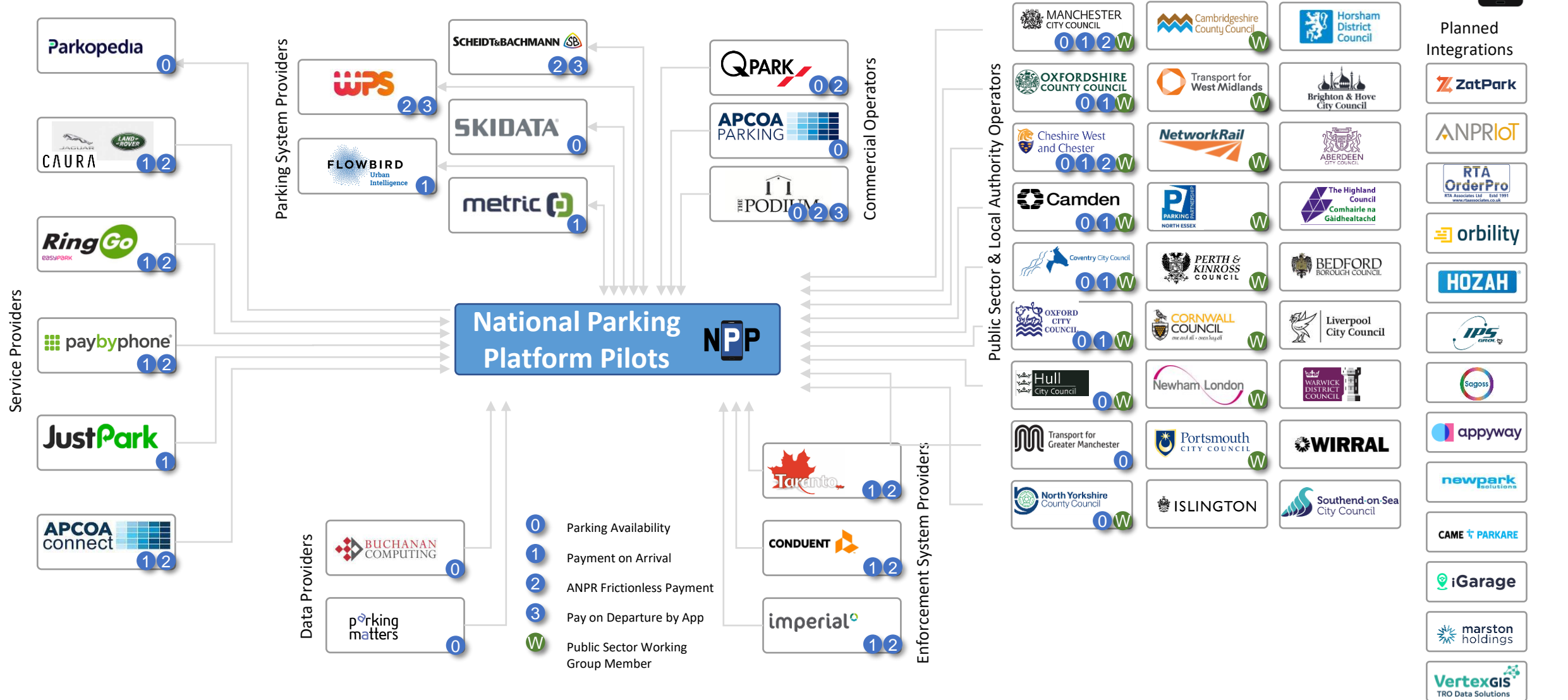


The NPP Pilots demonstrate the three most common use cases. NPP pilots are supported by Manchester City Council. The use cases link the end customer and parking operator through a “Service Provider” (OEM platform or a customer account). Customers can access parking offered by any operator on the platform,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

Parking availability (Use Case 0)



Partners & consultees



Introduction and application pack...



NPP Pilot Introduction Pack for Local Authorities

Contents

This Introduction pack includes documents that provide details on the NPP Pilot and how to join.

1 NPP – Briefing Note

The brief includes a short background to the NPP, the benefits, risks (including mitigation measures) and an outline of the joining process

2 NPP Local Authority Operator Questionnaire

The questionnaire provides the team with key information in order to start the on-boarding process. (The questionnaire is available for download as a Word document [here](#)).

3 Sample Project Plan

An outline project plan is included on page 6 showing the tasks that need to be completed and a projected timescale (based on a start date of 1st August 2022). Actual timescales may be different, depending on the response times of suppliers and partners.

4 Data Protection Agreement

The Data Protection Agreement (DPA) enables a local authority to join the agreement signed between Manchester City Council and Parking Matters by signing a Letter of Acceptance. Details of the Agreement are available for download

More details from our website...



The screenshot shows the homepage of the National Parking Platform (NPP) website. The browser's address bar displays 'npp-uk.org'. A callout bubble points to the URL in the address bar, and another callout bubble points to the NPP logo on the page. The website has a blue header with the 'National Parking Platform' name and a search bar. A dark sidebar on the left contains a list of 13 items. The main content area features the NPP logo, the title 'National Parking Platform', and a section titled 'NPP – A Brief Introduction' with a paragraph of text and a numbered list of four points.

Home / index.md

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.

The NPP has benefits for everyone

For the end-customer





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



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