

Proposal of Mobility of a Service (MaaS) System for TfNSW





PART/1 Problem Statement

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Navigation app interface showing a route from Burwood, New South Wales 2134 to The University of Sydney.




Depart at 7:00 AM Thu, Nov 7

Send directions to your phone

7:01 AM (Thursday)–7:30 AM 29 min
T2 > B 426 > 8 min
DETAILS

7:01 AM (Thursday)–7:29 AM 28 min
T2 >

PART/1 Problem Statement

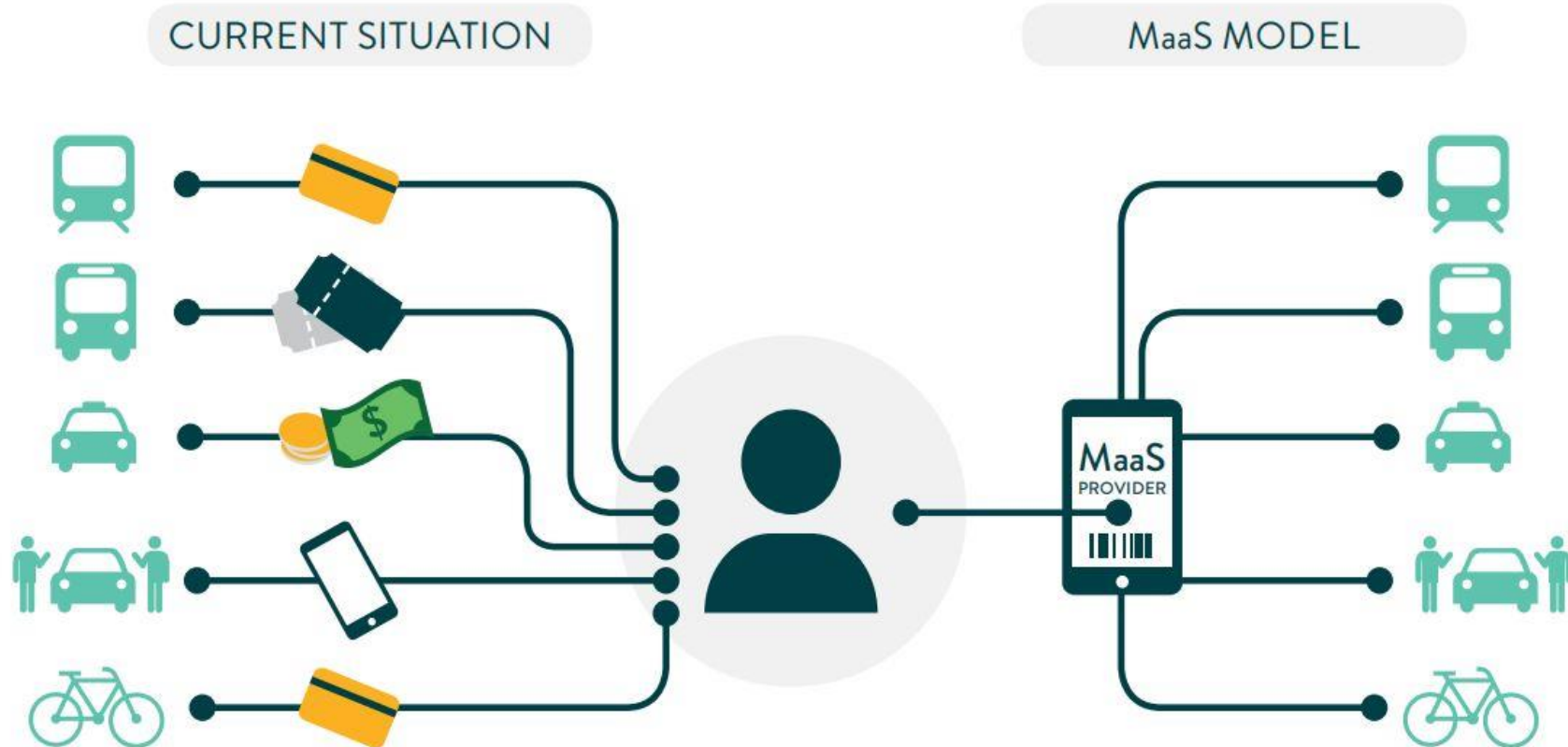
	Public transport	Sophisticated operators	Unsophisticated operators
Ability of real-time tracking			
Meet special needs			



PART/2 Project Objective

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Create a system that enables the collection of relevant information both from MaaS operators and customers.



PART/2 Project Scope

In Scope

- Enable all MaaS operators to share their real-time tracking information with TfNSW
- Collect information from customers and provide them trip plan including all MaaS operators

Out of Scope

- Booking and payment
- Technical part of building API



PART/3 Solution

PART/3 Solution

**Streamline process
for day to day
operation**

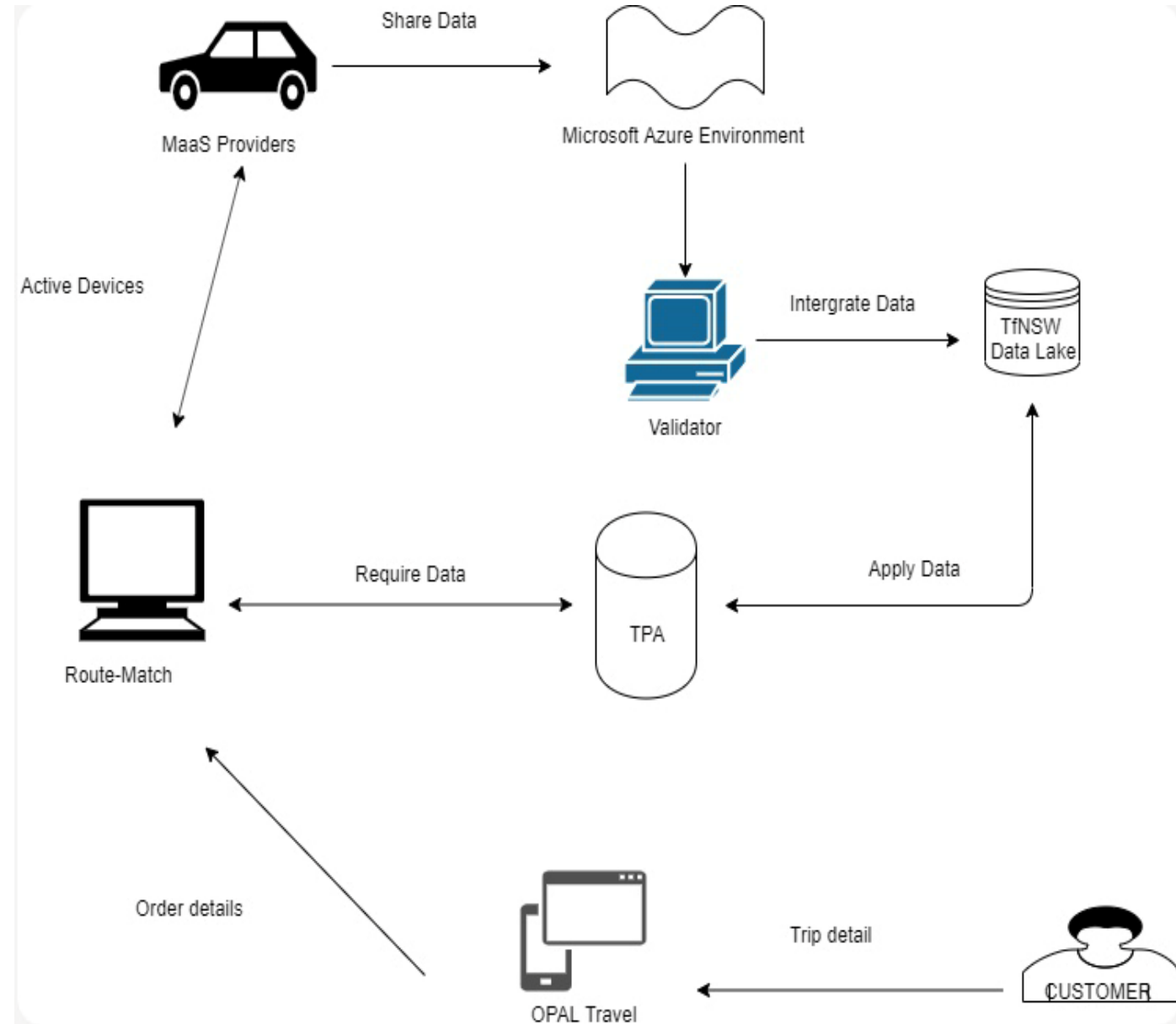
**Mechanism to
examine data
uniformity**

Ultimately screen out
data inconformity

New MaaS
providers can
register at any
time

Real-time information
(Vehicle availability
and positioning) is fed
back through
customer trip plans

Great Speed in
checking data
uniformity





PART/4 Conclusion

PART/4 Stakeholder Impact

Customers	MaaS Providers	MaaS Ecosystem
<ul style="list-style-type: none">• Meet special needs (wheelchair, baby seats, big cars)• Increase efficiency of movement	<ul style="list-style-type: none">• New MaaS providers can register at any time• Achieve real-time itineraries and positions	<ul style="list-style-type: none">• Achieve sustainability• Reduce environmental impact
<ul style="list-style-type: none">• Reduce car ownership• One-stop service for transportation needs	<ul style="list-style-type: none">• Generate multimodal or point-to-point itineraries to suit various transit demand	<ul style="list-style-type: none">• Enhance customer interactions and user experience• Achieve utilization of transit resources

Thank you

