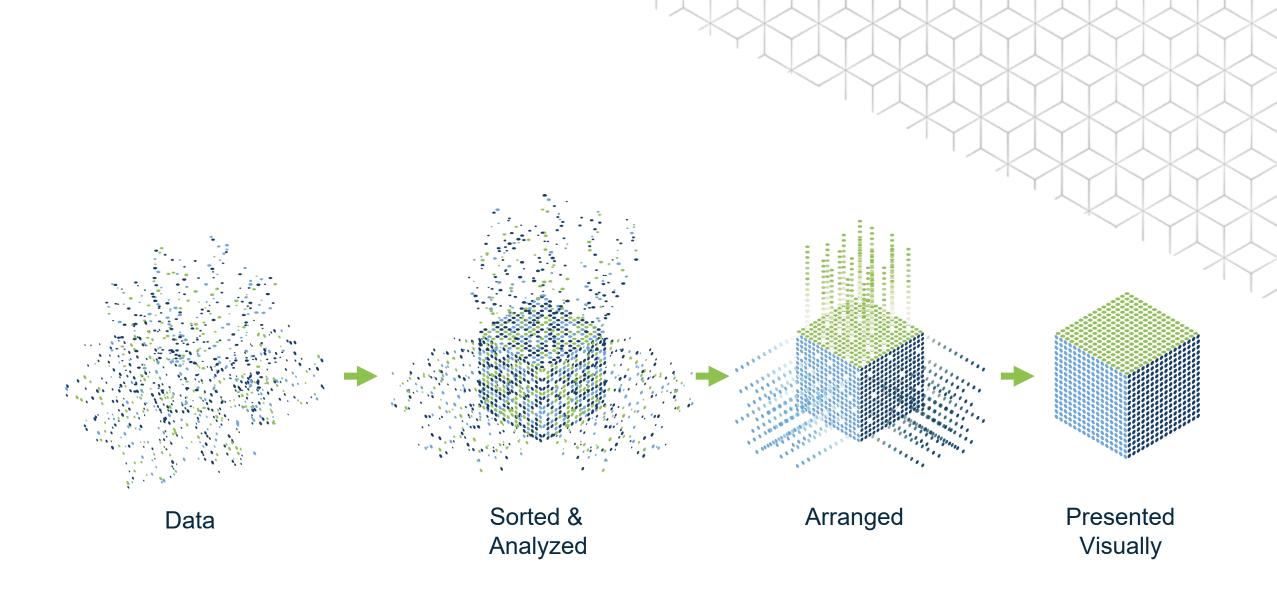
### The Future of Big Data

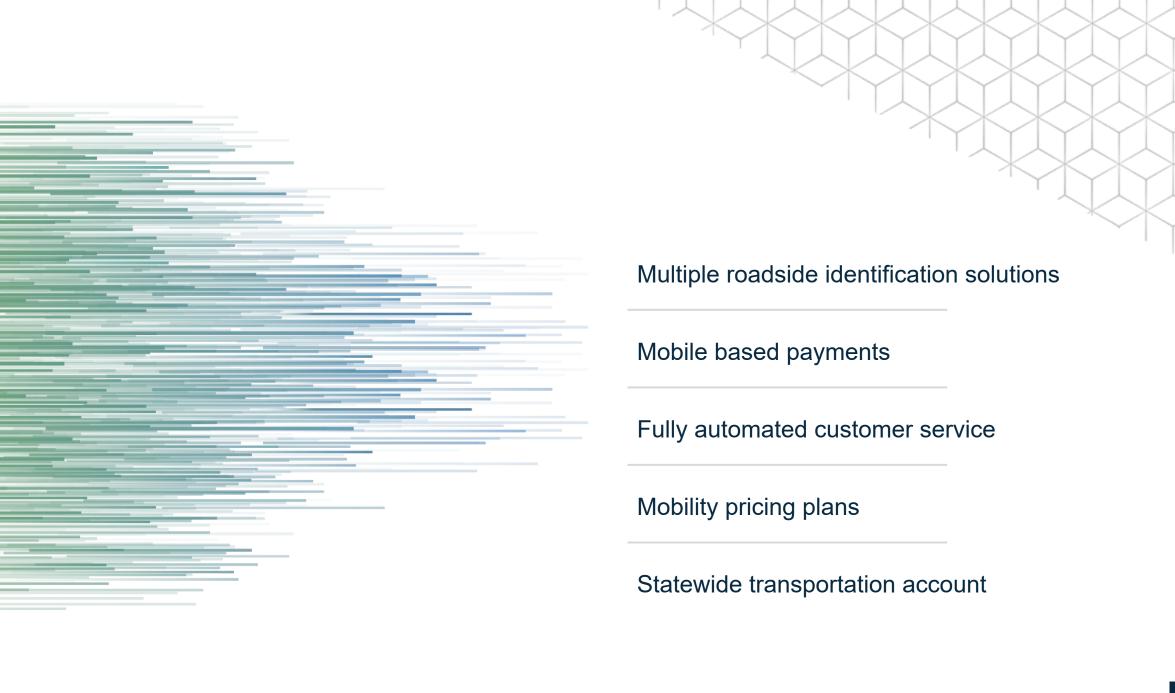
J.J. Eden





## Big Data Priorities





## Big Data Projects

Connected Vehicle Data

Wejo | GENERAL MOTORS







#### Data pulled every 3 seconds

From ignition on to ignition off

300,000 vehicles in North Carolina

Current market share



#### **Instant Data**

Non-intrusive data collection without expensive "tube" or "clicker" counts



#### **Immediate Detection**

Identify real time events without expensive roadside infrastructure



#### **Data Share**

Can be augmented by multiple vendors to validate data for traffic planning and operations











#### How should we manage data?

- Capture unstructured and structure in real time
- Customer comments
- System health
- Vehicle data (including speed)
- Customer inquiries

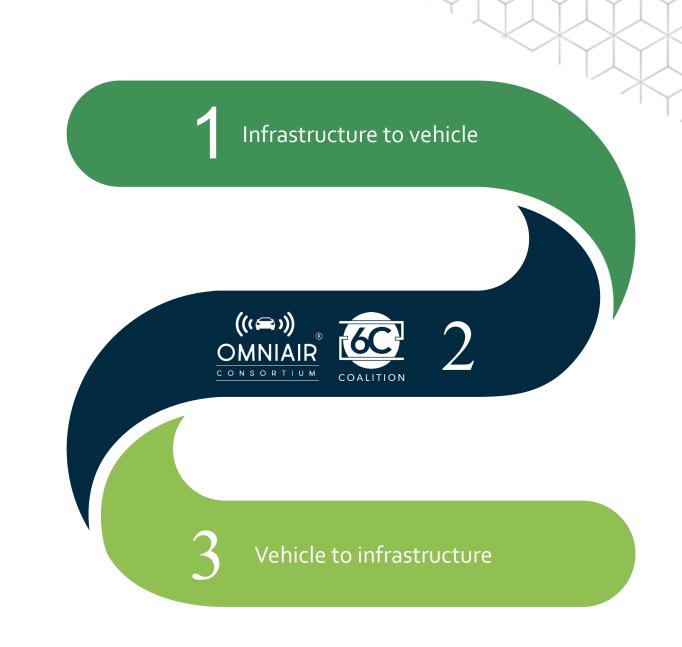


#### How do you make sense of the data?

- Interoperability for data
- Tailor data to individual needs from non -compatible systems
- Many traffic and customers into one view to increase mobility options
- Run reports in minutes not hours/days, weeks or months

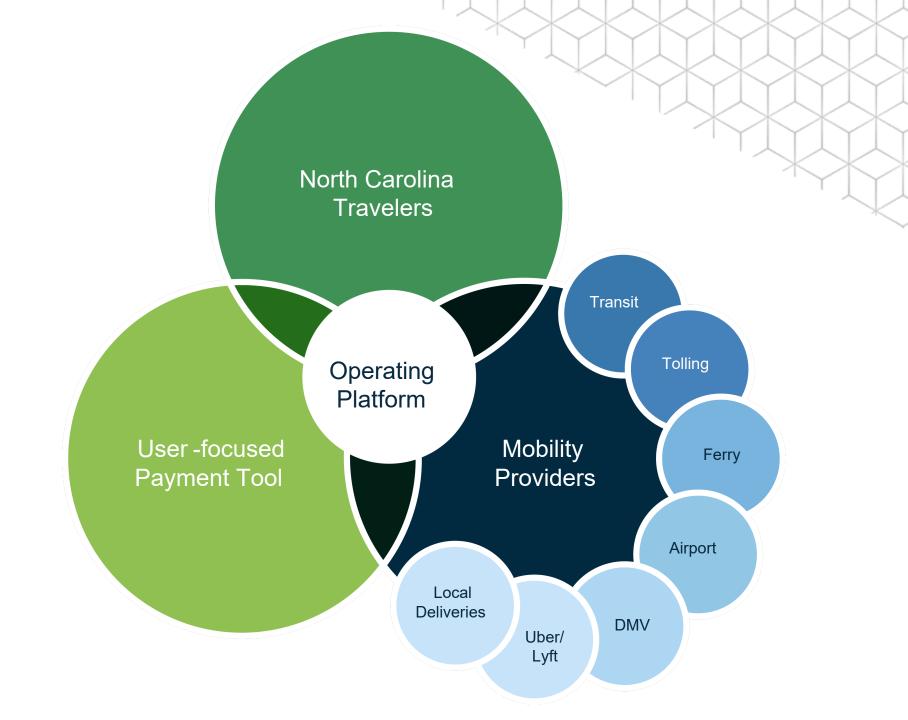






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