# The New Mobility Paradigm Kirk Burcar

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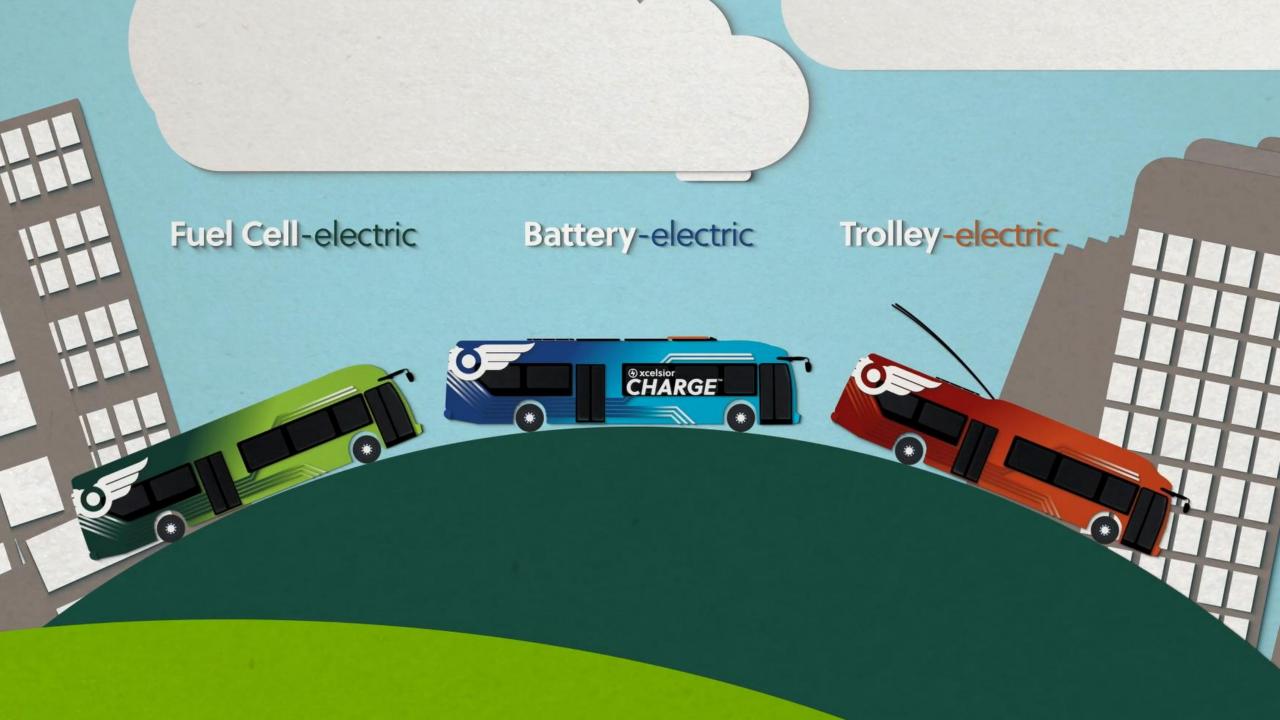
## VIC. VEHICLE INNOVATION CENTER



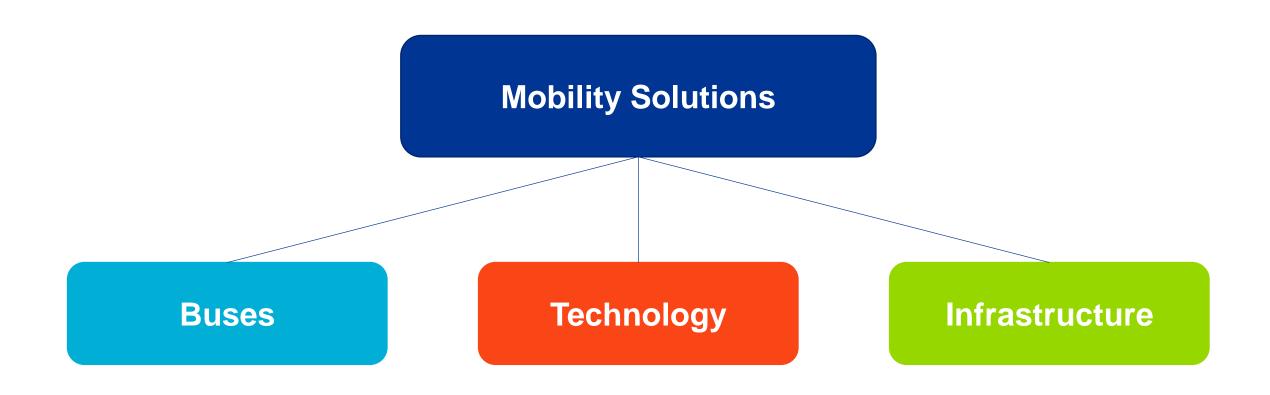








## We are in a Mobility Paradigm Shift





### **Smart Mobility Solutions: More Than Zero-Emission**

#### **Buses**

- Battery-electric
- Fuel-cell electric
- Compressed natural gas
- Electric hybrid
- Efficient bus body design

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#### **Technology**

- Geo Fencing
- Electric Accessories
- Smart Rider™ Easy Access
- Advanced Driver Assistance Systems (ADAS)





#### Infrastructure

- Supporting smart mobility projects start to finish
- Planning to commissioning
- Charger-agnostic

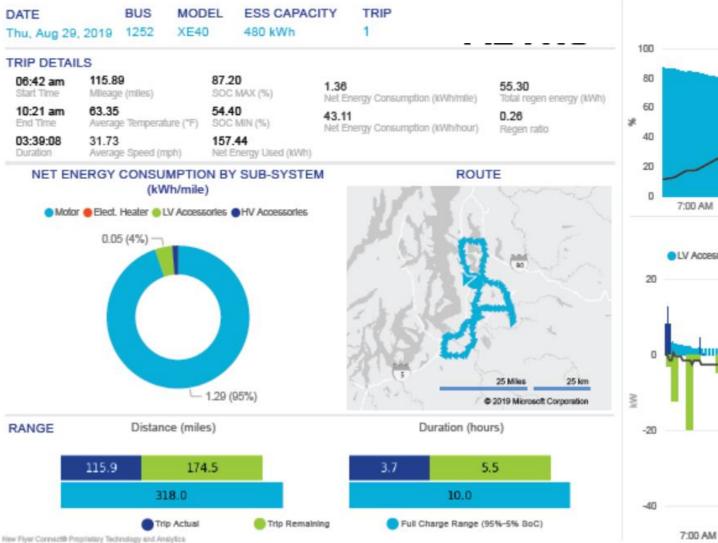
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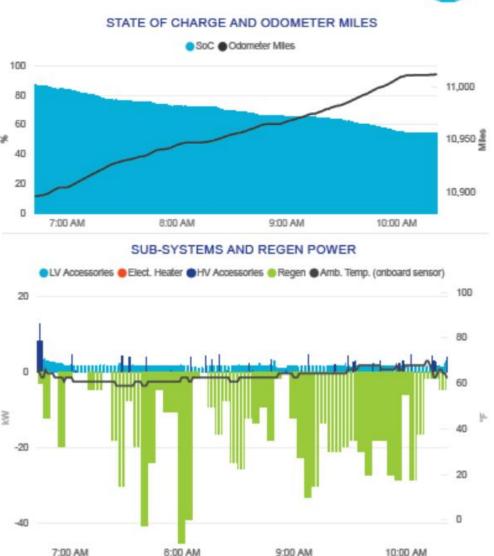
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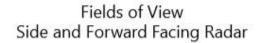


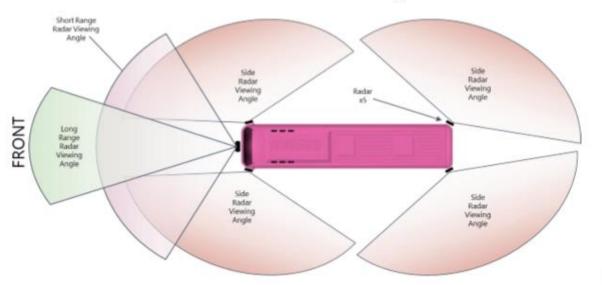




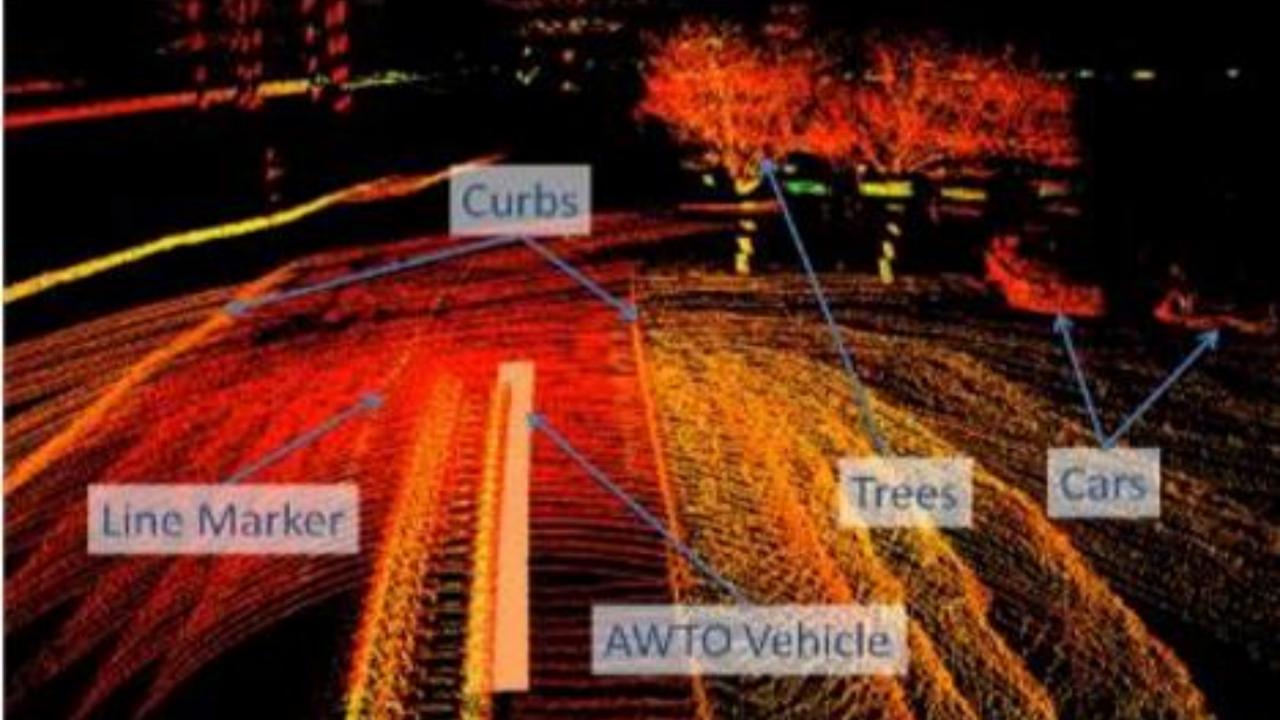


## **AV Technology Partnership with Robotic Research**







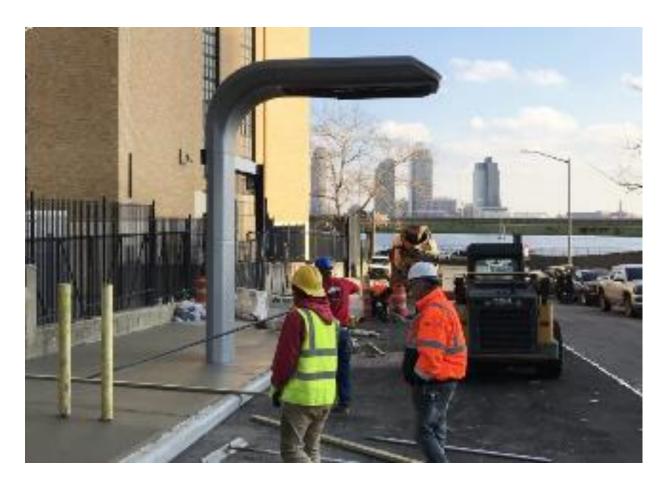


## Key to Successful Electric Bus Deployments: Charging Infrastructure

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## INFRASTRUCTURE SOLUTIONS™

- Infrastructure Solutions is a service dedicated to providing safe, reliable, smart, and sustainable charging and mobility solutions
- Supports mobility projects start-to-finish
- Focuses on energy management optimization, as well as infrastructure planning and development
- Provides a cohesive transition of bus fleets to zeroemission bus (ZEB) technology









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