

neuron



Prepared for Mississauga Accessibility Advisory Committee

May 2022

About Us

Neuron's mission is to partner with cities to connect people and places in a safe, convenient and fun way.

We currently operate more than 15,000 e-scooters and e-bikes across Canada, Australia, New Zealand, United Kingdom and South Korea.

We innovate hand-in-hand with our local partners, particularly when it comes to safety. The world's first *Helmet Lock*, *Topple Detection*, and geofencing all resulted from genuine collaborations with city councils.

We share insight on how our e-scooters are used to help make cities better connected and more liveable.

6.3



Neuron has delivered a fully customised, safety-first programs across Canada

World's first English/ French bilingual e-scooter

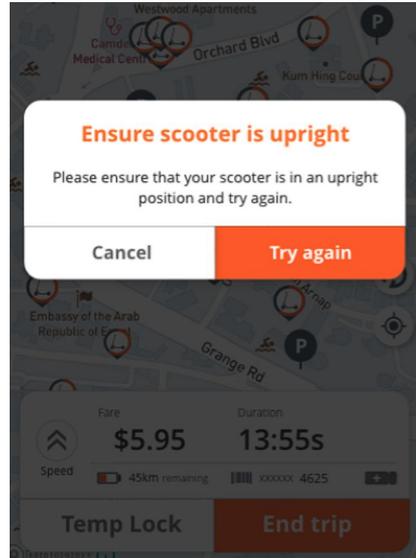


Thanks! Your trip has ended. See you soon! Remember to sanitise your hands



Si cette trottinette n'est pas stationnée correctement, veuillez nous appeler au 866-995-8770 ou numériser le code QR.

Canada's first upright parking enforcement



Canada's first integrated helmet lock



Safety First

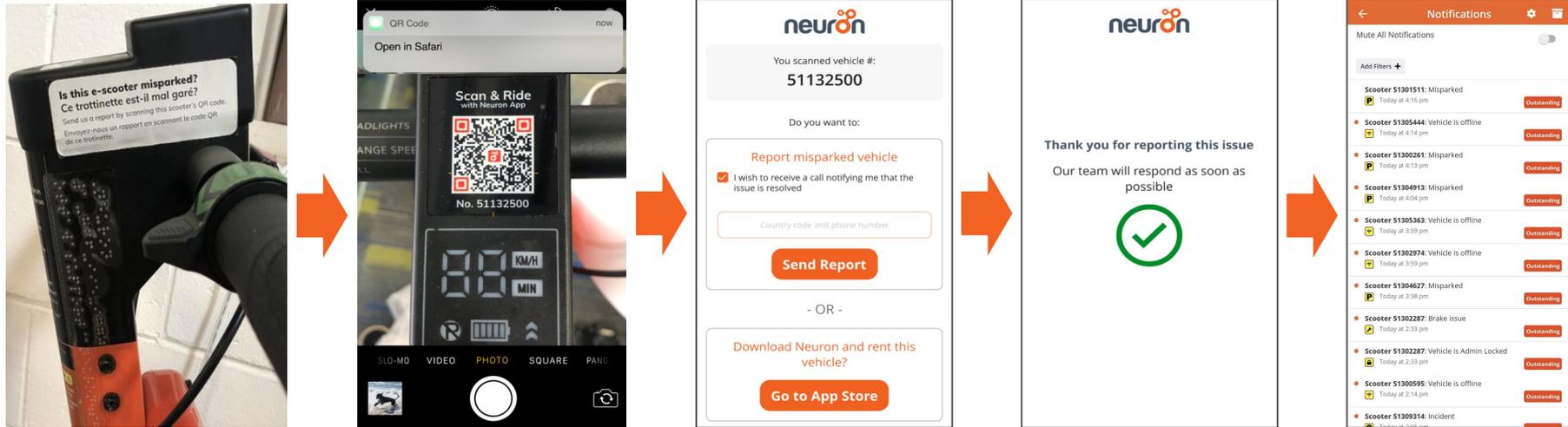
Safety is at the heart of our company, it drives everything we do. We design and manufacture our own e-scooters specifically for safety and sharing. This allows us total control of our devices and means that we can create customized features such as Canada's first audio vehicle alerting system.



North America's first and only accessible QR code reporting for the general public

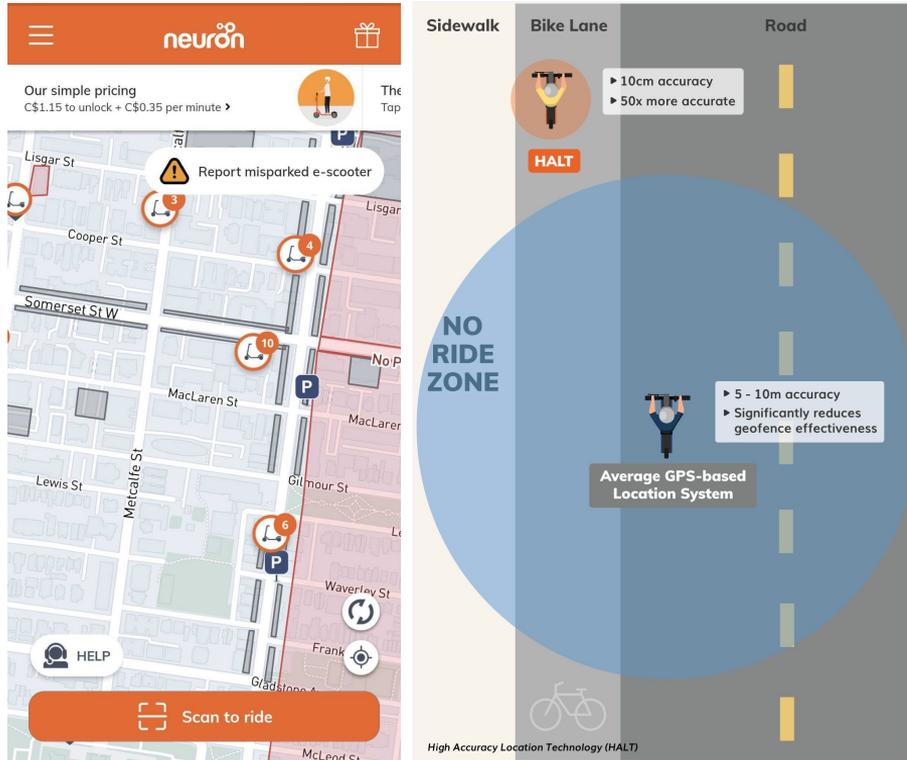
A scannable QR code prominently and consistently placed on the device, and marked using high contrast lettering

Neuron's Scan to Report for General Public



Canada's first large scale sidewalk detection trial

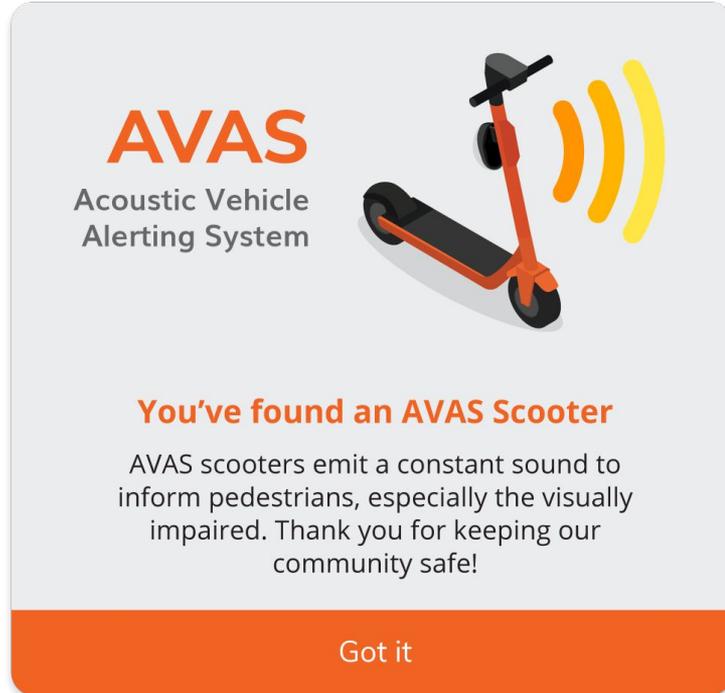
6.3



- 100% of Fleet; 100% city coverage in Ottawa
- Neuron's High Accuracy Location Technology (HALT) can detect an e-scooter's location to within 10 centimetres, making it at least 50 times more accurate than the average GPS-based location system currently available
- Rapid Geofence Detection (RGD) triggers the e-scooter to respond to a geofence almost immediately

North America's first and only Acoustic Vehicle Alerting System (AVAS)

6.3



AVAS
Acoustic Vehicle
Alerting System



You've found an AVAS Scooter

AVAS scooters emit a constant sound to inform pedestrians, especially the visually impaired. Thank you for keeping our community safe!

Got it

- Three month trial on 100 e-scooters with departing trips from Glebe and Little Italy
- Developed a dozen sounds and trialled four on e-scooters throughout the three month period
- Neuron's AVAS project was the only large scale trial in Canada and that was 'always-on' and not restricted to a small geographic location

Introduction of Braille

Braille stickers on scooters with company name, email and phone number



Making riding rules clear

No Sidewalk riding stickers on scooters



The N3 Neuron e-scooter



Neuron's full suite of cutting edge technology

Neuron has led the way in safety innovation and continues to develop technology that will solve key industry challenges

2018	Swappable battery 	2019	World's First Helmet Lock 	Helmet Selfie 	Geofencing Technology			World's First Voice Guidance 	Scooter ID 	
					No parking zones 	Dynamic speed restrictions 	No riding boundary 			
2020	Upright Parking Enforcement 		Topple Device Alert 		Downhill Assistive Braking 	Follow My Ride 	Emergency Dial (911) 	Dynamic Geofences 	Cognitive Reaction Game 	Two Speed Selection 
										
2021	High Accuracy Location Technology (HALT) 	Rapid Geofence Detection 	Dangerous Riding Detection 	Safety Center 	Parking Photo Audit 	Acoustic Vehicle Alert System (AVAS) 				



Safe, convenient and fun

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