



Smart Cities Council and Global Affairs Canada  
presents:

# Accelerating and optimizing smart city journeys

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# We are an infratech solution provider.

We are a privacy-centric data platform company that empowers municipalities, provincial and state governments, and concessionaires.

Thrive with end-to-end data collection and condition monitoring solutions to :



Comply to government regulations for road safety.



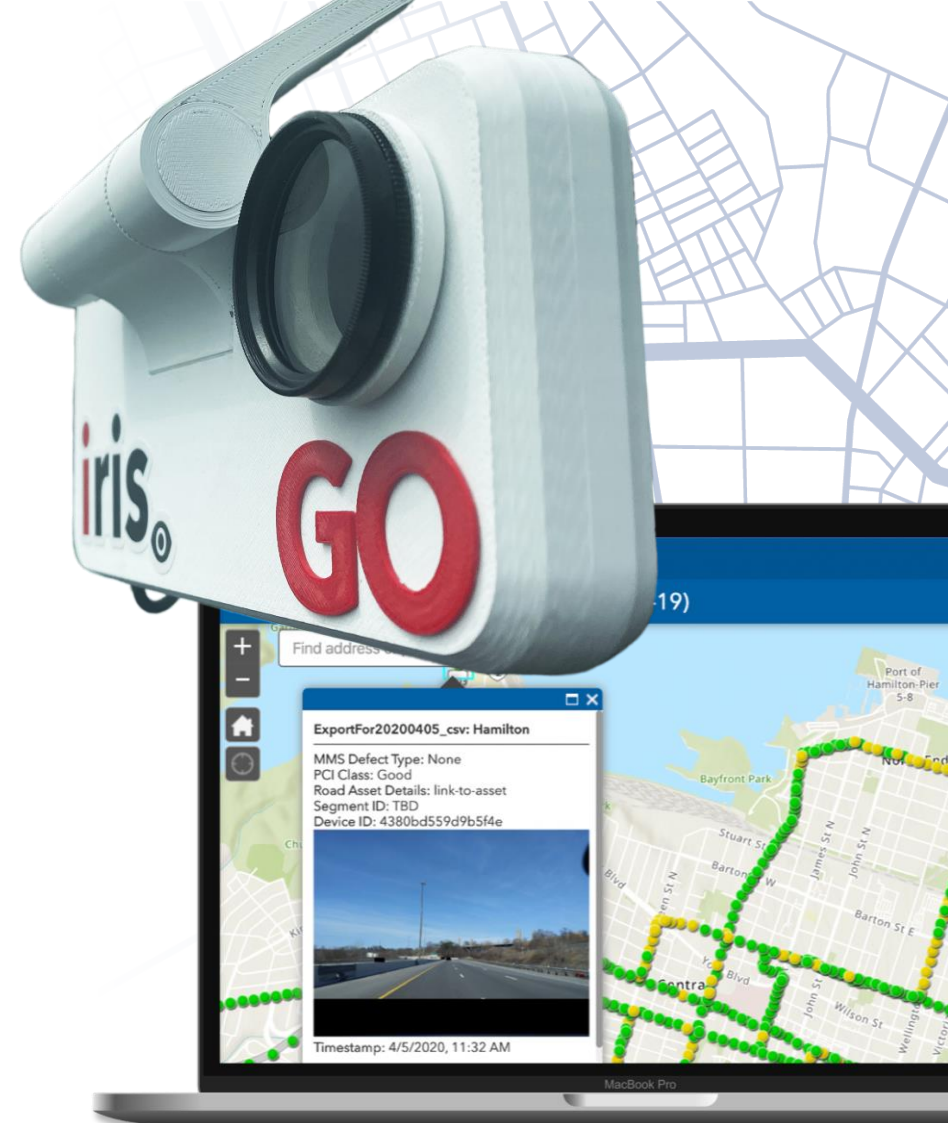
Offer higher level of service



Reduce costs and cycles



Extend useful life of infrastructure



## Awards



Smart 50 Awards  
2022 winner  
Smart Cities Connect



Start-up Label  
2022 winner  
International Roads Federation



infraChallenge  
2021 winner  
Global Infrastructure Hub



# City of Hamilton

Our projects and the challenge



## Sign inventory



## Waste study



Report location and attributes of signs

Build inventory of speed and warning signs

Go automated and leave manual ops

Utilize irisGO into road ops decision making

Study resident participation in various waste collection

Reduce feet-on-the-ground data collection

Collect timely, accurate and less costly data

Automate data collection process

# City of Hamilton

Our results

## Sign inventory



**1M+**

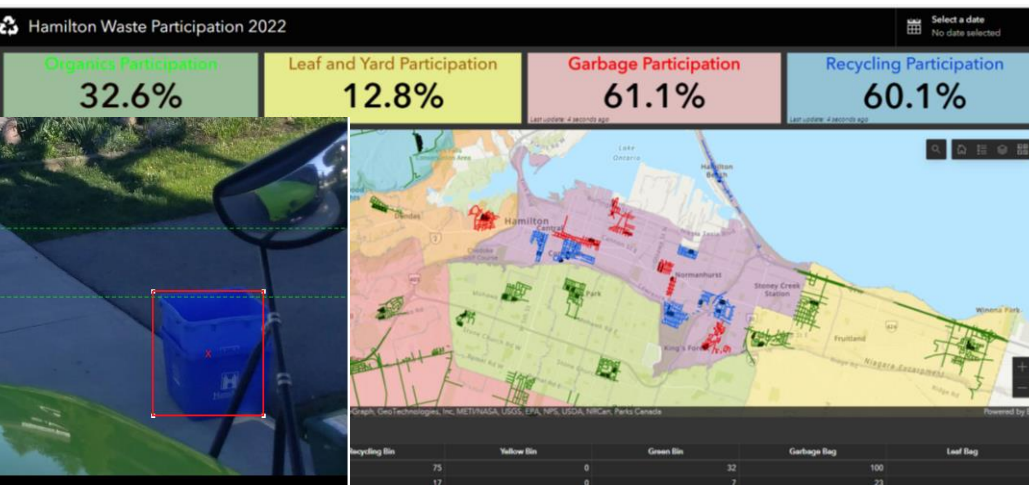
Real-time datapoints of ROW images in 4 months

**11,250+**

speed and warning object marker signs captured

- Automated real-time data collection and upload through LTE.
- Includes geospatial, speed of travel, direction, and other weather data.

## Waste study



**2144**

Homes (detached, semi, condos, etc.) sampled for study

**90%**

Detection accuracy using 5 irisGO devices – including obstructions, etc.

- Automated study avoiding extra manual labour.
- Very efficient, timely and provided accurate visualization.

# City of Brantford

Our projects and the challenge



## Road patrol



Compliance reporting for repair standards

Reduce administrative redundancies & automate

Improve claim documents

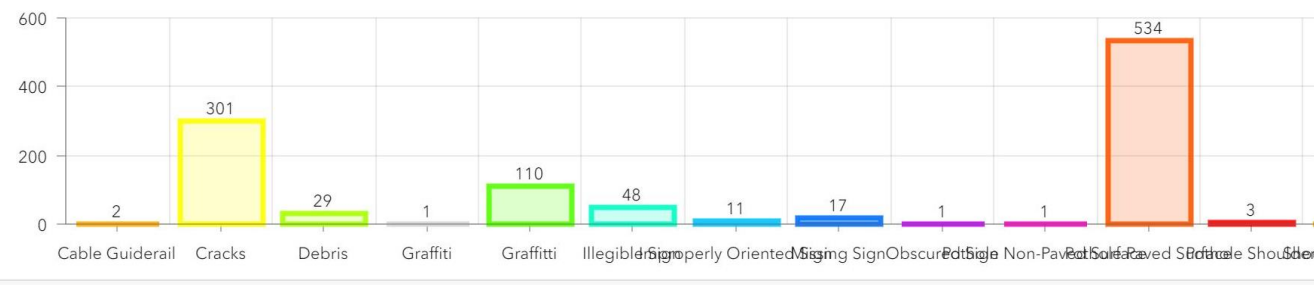
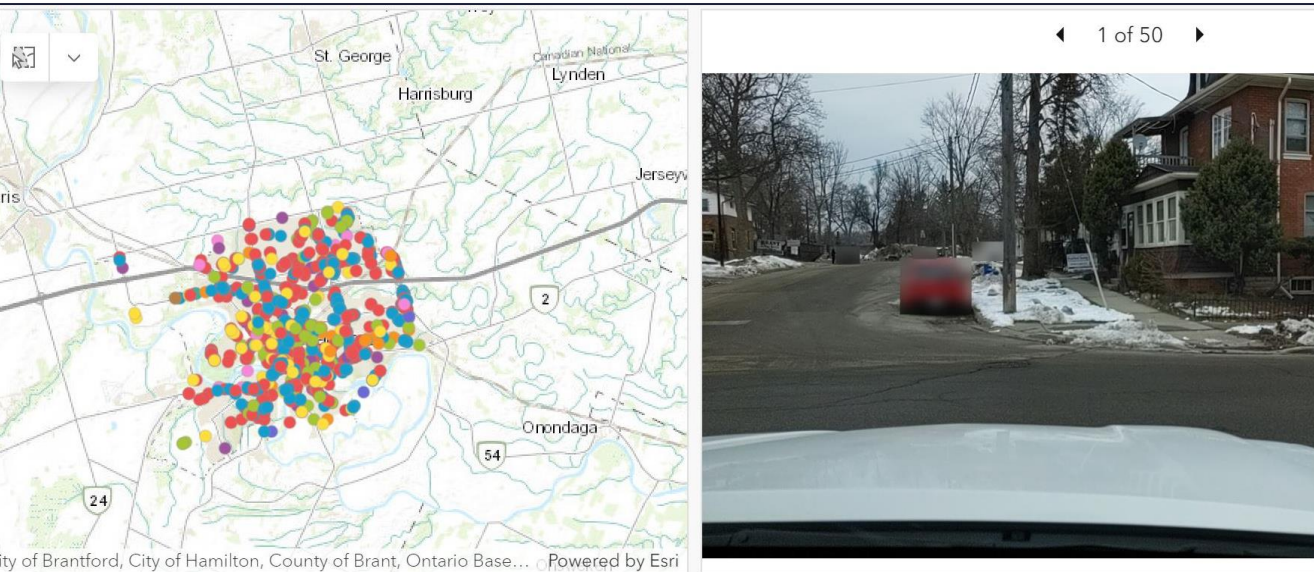
Have a visual interface

Reduce cost and effort

# City of Brantford

Our results thus far

**BRANTFORD**



## Automated

No more stopping to take images – irisGO captures all

## Improved safety

No more stopping at busy streets to capture road data

## Improved efficiencies

Teams can focus on restoration measurements and contractor site inspections and removed paper function

## Cost savings

Required no extra hiring, except for laptops and now leveraging for other projects

## Enhancing ops

They look to use the technology to analyze pavement markings and signs inventory