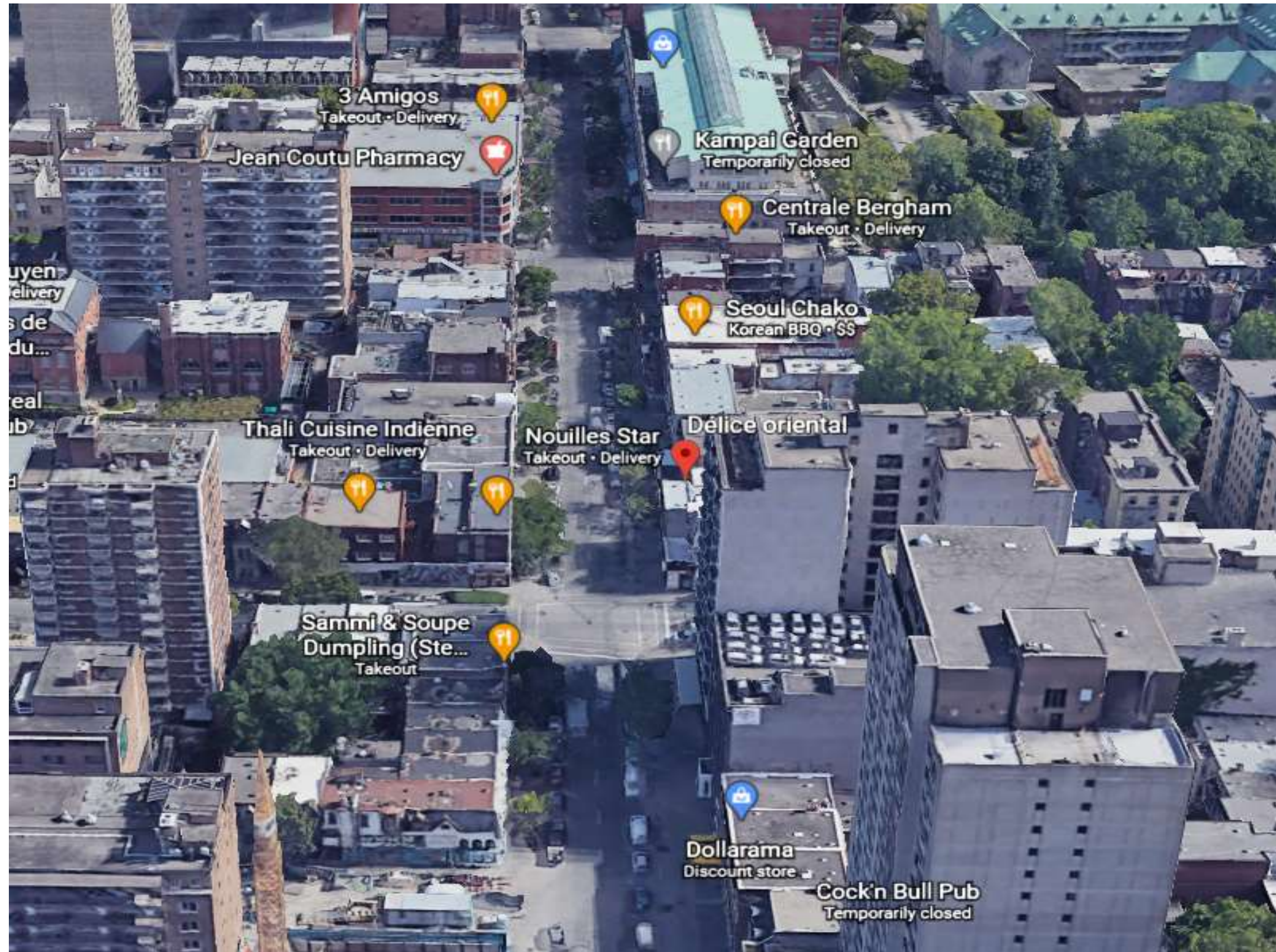
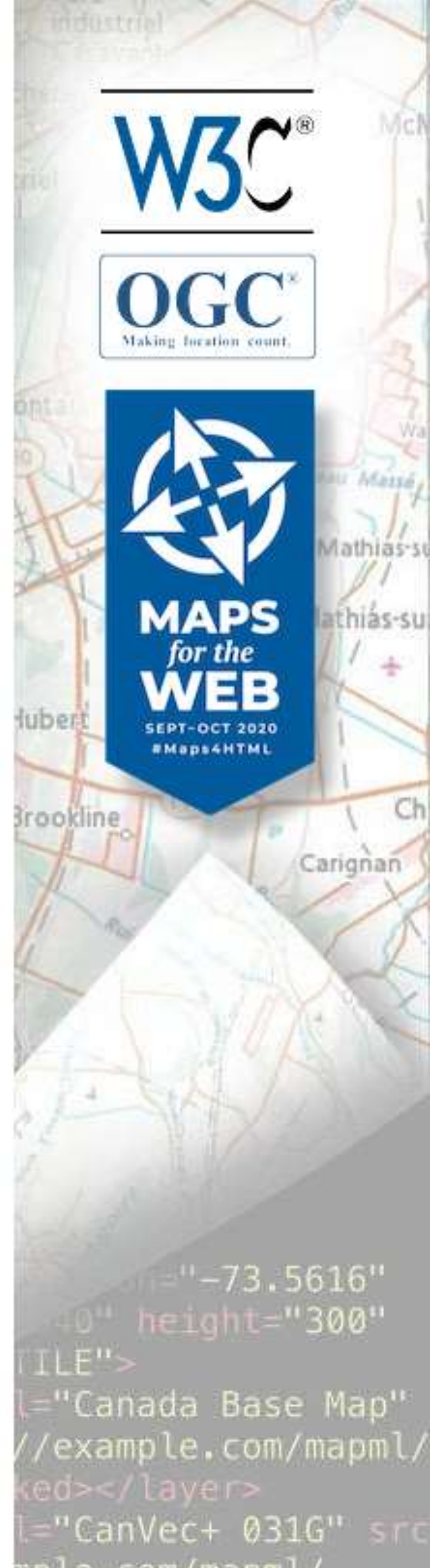


Interactive Maps Widgets

Based on location or non-location



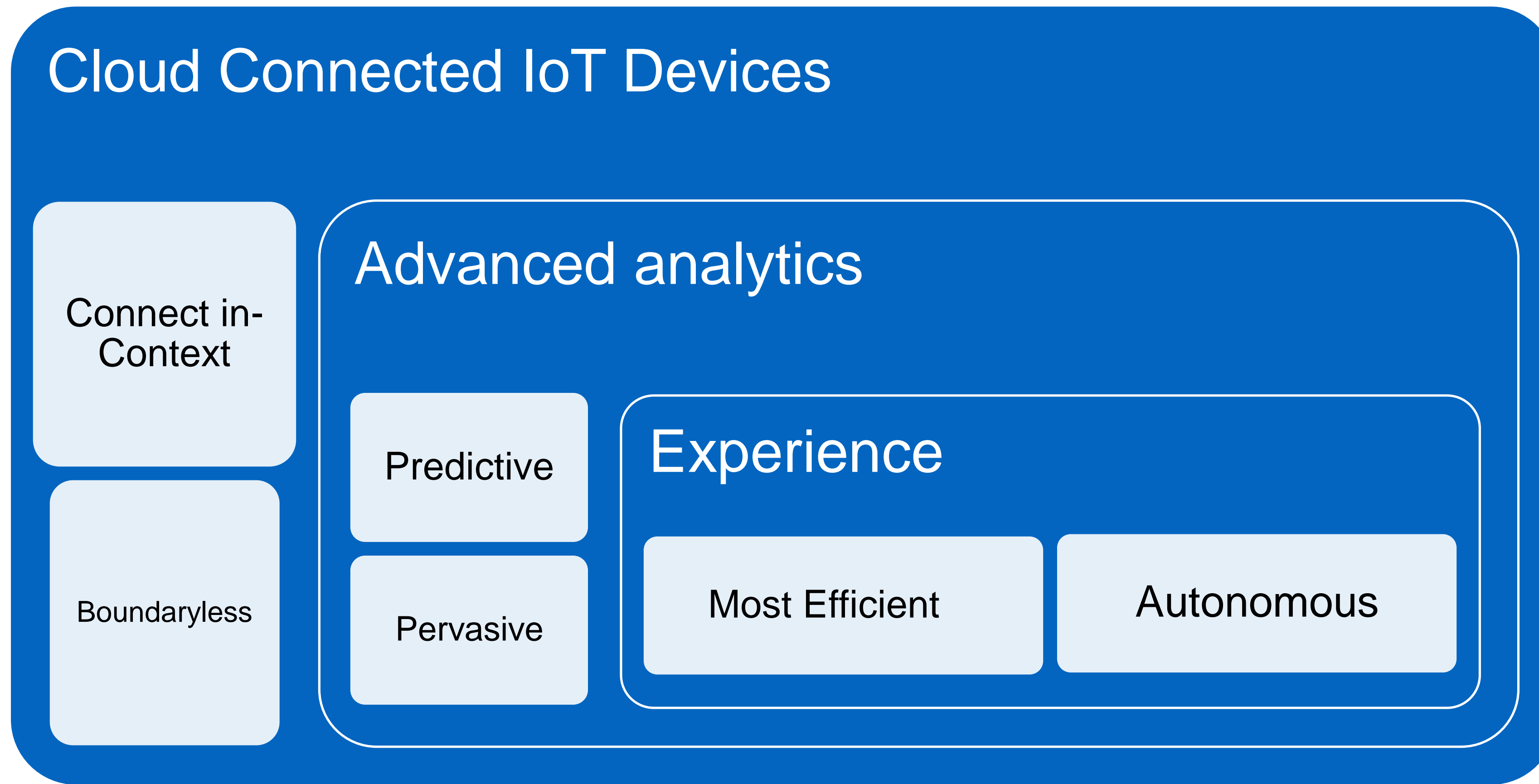
New technologies include advanced computing, "Big Data" analytics, artificial intelligence and machine learning bringing automation



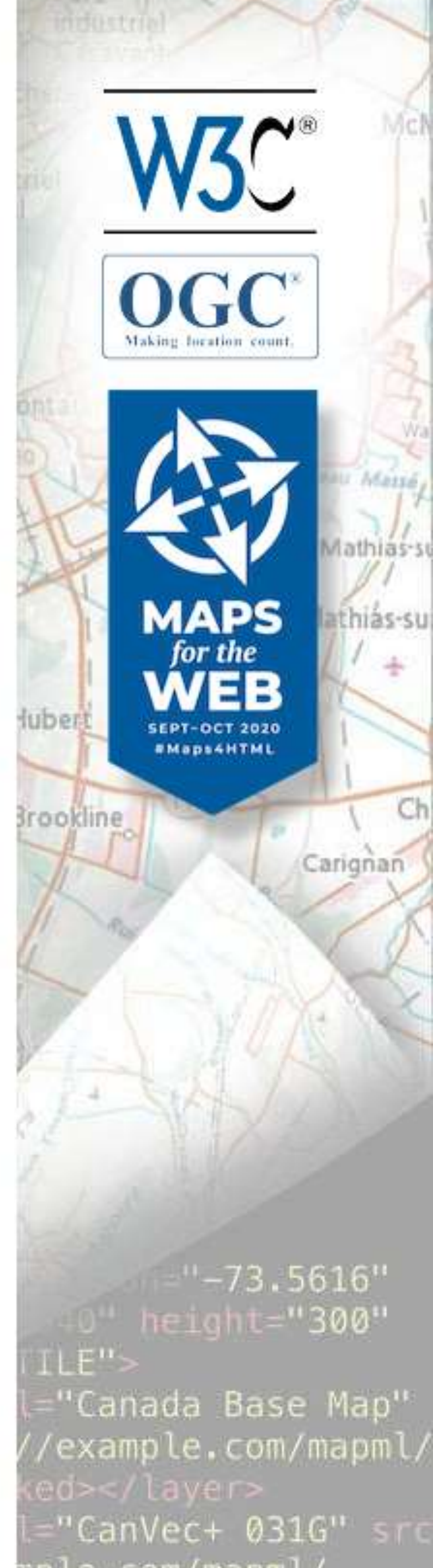
*Cloud-connect IoT devices, data analytics and AI integration

Bringing Life to Things(I.T system)

Connected in-Context, predictive and self-aware devices will help drive boundaryless, pervasive and Experience Rich enterprise ecosystems. (Global Platform)



GDPR Ready



Unlocking Exponential Value

- New Business Models

Connected networks
Hybrid Cloud Computing

- Seamless Customer Experience

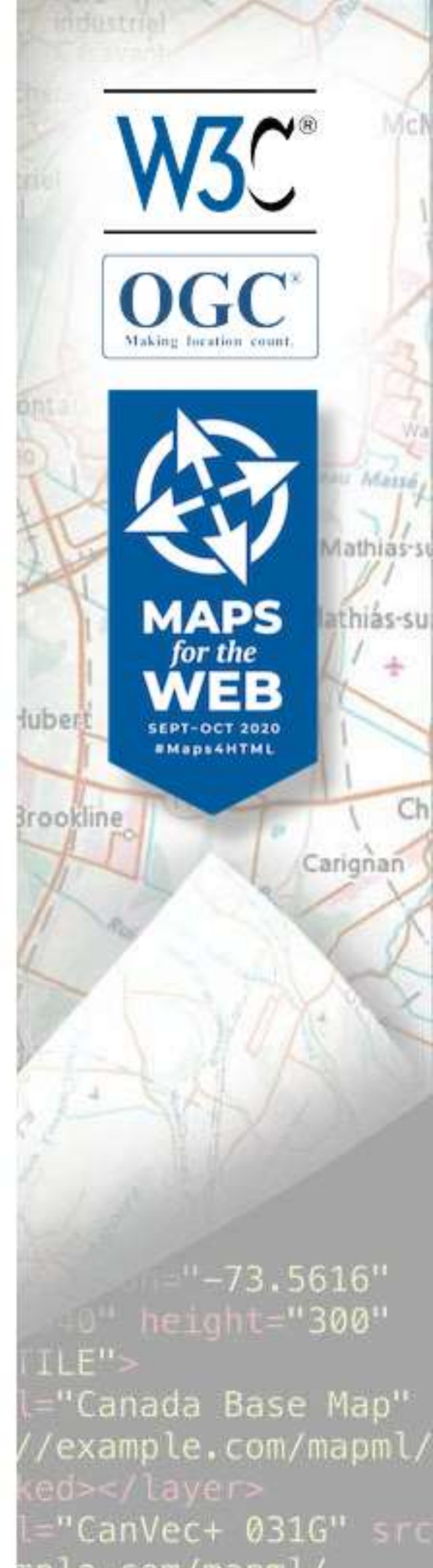
Client-centered systems
Predictive and Pervasive
AI, Machine Learning, Advanced Analytics

- Enhanced Quality of Life

Improves Safety
Security
Quality

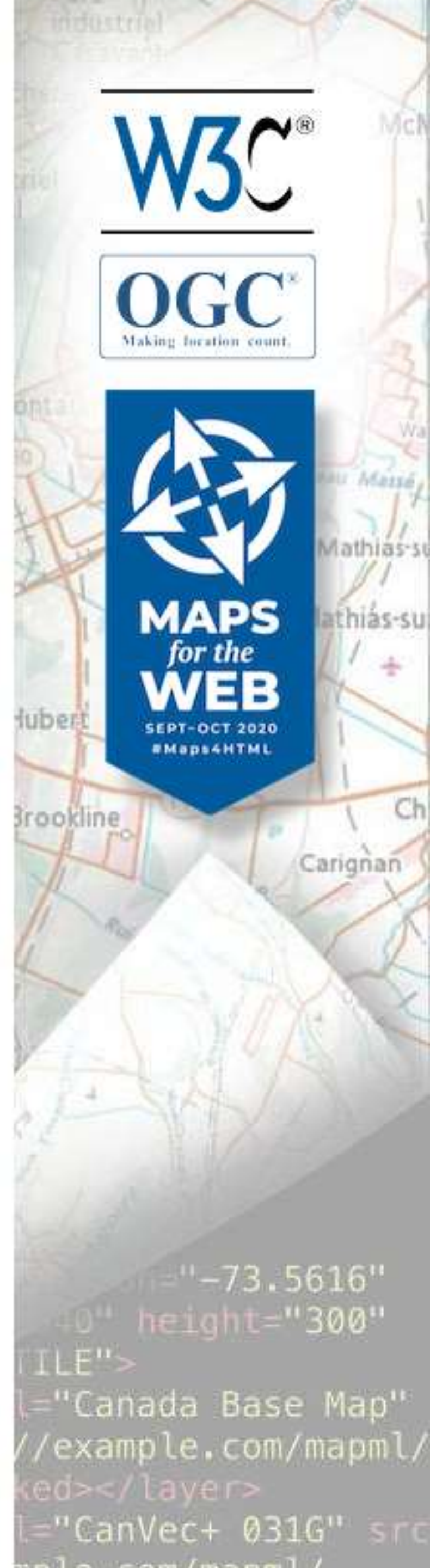
- Optimized and Responsive Value Chains

Increase speed to market with mass customization
In-context predictive and persuasive



Basic Uses

- Restauration
 - Retail Stores(Commercial Uses)
 - Social
 - 5G
- *Enables direct connectivity with Restauration chains for Private or Social events. Local or non-local Interaction with services and disponibilities (Individualized Data Symbiosis)*
 - *Enables direct connectivity with Retail Supply Chain for Private or Social events. Local or non-local Interaction with merchandise and stock disponibilities (IDS) (E-Commerces)*
 - *Social Mobile Application, Social Benefits, Social Behaviours Designs*
 - *5G More speed and reliability, Big Data, Long-lasting relationship with customers*
The industrial revolution will be powered by both established and emerging technologies, including the IoT, Advanced data analytics integrated with artificial intelligence, robotic process automation, robotics, edge computing(Digital twin virtual and augmented reality)



Commercial components and Industry

4.0

- **Vertical and Horizontal Integration Systems**

Key to automate data transmission in smart factories and communicating with providers and clients(MES,ERP, IoT)

- **CPS Systems**

Processing, storing and communication Capabilities controlling more than one physical process. Interconnected through the Internet. Decentralized data analysis and decision-making. Enables real-time responses.

- **Big Data and Data Analytics**

Helps processing and analysing huge amount of data predicting future problems or necessities

- **Simulation Software**

Collected information processed to model the behaviour of machines.

- **Cloud and Edge Computing**

Fog Computing or Cloudlets enable offloading part of processing from the cloud to the edge of the network, decreasing latency response. Limitation when maintenances Software problems or attacks.

- **CyberSecurity**

Key to provide secure and reliable communications, authentication systems and preserve data privacy in order to avoid cyber attacks. Required to protect industrial critical systems.

W3C®

OGC®
Making location count.



Social features exploitation for Geospatial Data



- Private Usergroups
- Public Usergroups
- Individualized Usergroups
- Location Meetings Functionality
- Geospatial Data availability from non-local or local point.
- Social Transports and Private transports services
- Different Social Media Interconnections (IG, FB, Spotify, SN, Uber)

W3C®

OGC®
Making location count.



The fifth generation

technology



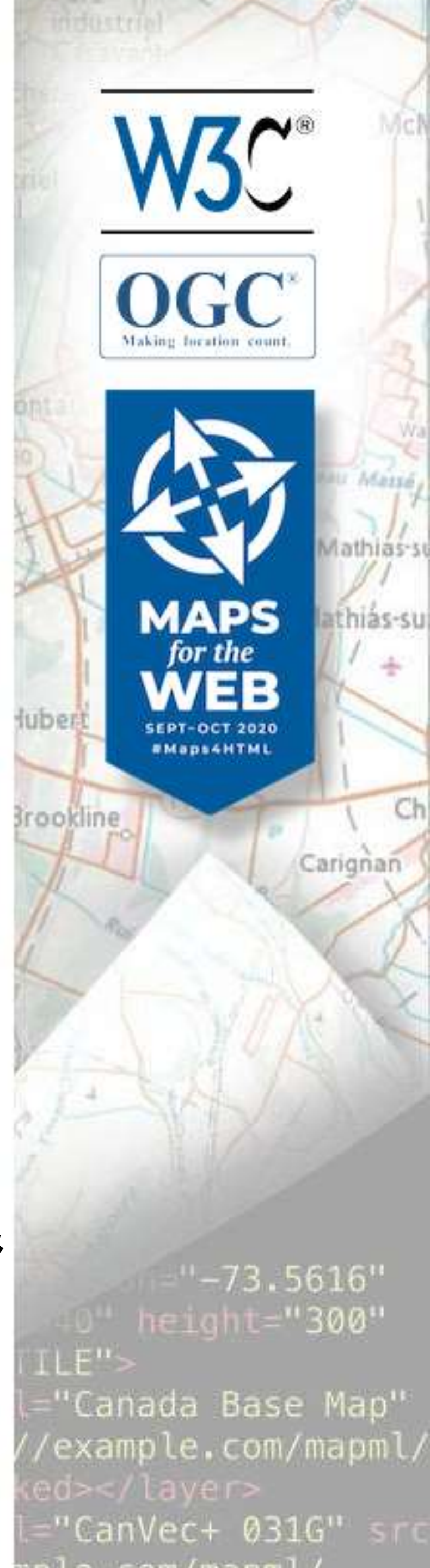
5G and IoT Will Be Leading a Paradigm Shift in M2M Communication Management

Data-Transfer Speeds

Greater Network Reliability

Integrated Advanced analytics with AI, IoT and 5G for real-time insights & recommendations

Next Generation Digital Commerce With 5g



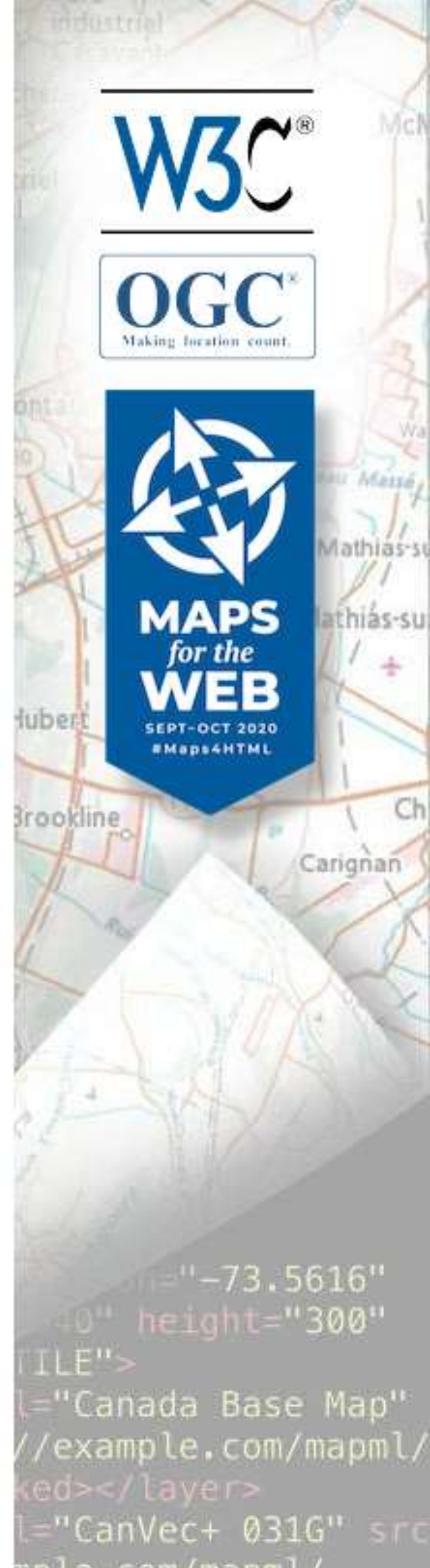
Industry 4.0

- Interconnections
- Information Transparency
- Technical Assistance
- Decentralized Decisions

The re-infrastructure and implementation of such systems will take years but is critical to technological and industrial revolution that is happening.

Main technologies.

- CPS
- IoT
- On-Demand availability of computer system resources
- Cognitive Computing



Conclusion

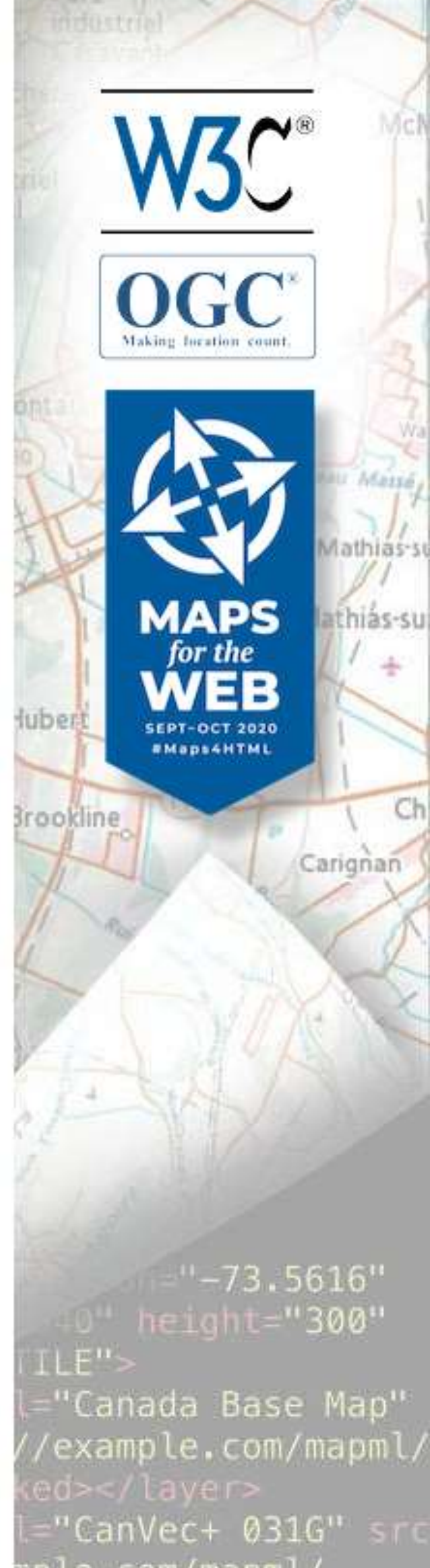
- Understanding and address the ethical, legal and societal implications
- Ensure the Safety and Security of AI Systems
- Develop shared public datasets and Environments for AI training and Testing
- Expand Public-Private Partnerships to accelerate Advances in AI

Shifting in modernization,

Governmental technology(DoD)

Futur of Industry, Government and Academia datasets

Expending Network Grid



THANK YOU!

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**Monday, Sep 28, 2020 @ 12:00 AM EDT
(2020-09-28 04:00UTC)**

W3C/OGC Joint Workshop Series on Maps for the Web

w3.org/2020/maps/

