



# Virtual Edge Computing in Government

Accelerating performance by bringing applications closer to data sources

Online | Wednesday, June 16, 2021 | Start: 12:00pm ET / 9:00am PT



PUBLIC SECTOR NETWORK



## Agenda Overview

In recent years, the public sector has used cloud computing and data centers to process and store critical data. Even more recently, edge computing has emerged to assist with these practices, distributing data collection, processing and storage across the 'edge' of the network.

Edge computing allows for raw data to be processed closer to the point of collection by leveraging edge-based technologies. From wearable sensors, to satellites, mobile data centers, cell sites and sonar technologies, the opportunities to implement edge computing in the public sector are vast. Edge-based technologies create interoperable IT ecosystems that integrate the Internet of Things (IoT), cloud computing and data centers to reduce processing time and decentralize storage. Edge computing also enhances analytics by providing real-time insight into raw data, tackling periodic surges in processing and allowing government to better manage seasonality or unpredictability.

Public Sector Network's **Virtual Edge Computing for Government Event** will explore how edge-based technologies can assist in data collection, computation and storage. By reviewing emerging government initiatives, enterprise architects and IT systems professionals can enhance existing best-practice by creating a distributed computing topology, combining existing infrastructure with the technologies on the edge.

## Who Should Attend

- Chief Information Officers (CIO)
- Chief Information Security Officers (CISO)
- Chief Digital Officers (CDO)
- Chief Technology Officers (CTO)
- Heads of IT
- Data and Analytics Leads
- Cyber Security and Risk Management Leads

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## Reasons to Attend

Realize how edge-based technology can enhance data collection, computation and storage within your agency



Gain better insights into raw data by harnessing real-time analytics to anticipate and plan for demand



Build a safety net to prepare for unprecedented processing demand by pairing existing cloud infrastructure with innovative edge-based technologies



## Speakers



### TIM PERSONS

Chief Scientist, Managing Director, Science, Technology Assessment and Analytics  
Government Accountability Office



### ANDREA MCKINNEY

General Manager of Corporate Services  
Town of Orangeville



### ZIAD AL NAJJAR

National Director, Technology Specialists  
Dell Technologies



### SANJAY RANKA, PH.D.

Professor in the Department of Computer Information Science and Engineering  
University of Florida



### JEFF READY

CEO and Co-Founder  
Scale Computing



### PETER NEAR

National Director of Technology – Canada  
VMware



### DAN COOPER

Senior Director, Enterprise Technology, Enterprise Strategic Planning  
Office of the Chief Information Officer of Canada, Treasury Board of Canada Secretariat



### RANJAN BANERJEE, PMP, ITIL

Manager, Strategic Planning, Enterprise Technologies and Solutions (ETS)  
Communications Security Establishment



### KALYAN CHAKRAVARTHY (KC)

Chief Information Officer  
Region of Durham



### LIZ MCKEOWN

Faculty  
Canada School of Public Service, Digital Academy

**PLUS!** As Public Sector Network wraps up our Innovation & IT programming before the summer, join us for a special panel discussion to help you address the challenge that came up most frequently in our chats – how do you seamlessly implement new technology?



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12.00pm ET 9.00am PT	<b>Welcome from PSN</b>		
12.05pm ET 9.05am PT	<b>Keynote Session:</b> Leveraging Edge Computing and IoT for Intelligent Transportation Applications  <b>Sanjay Ranka, Ph.D.,</b> Professor in the Department of Computer Information Science and Engineering, <b>University of Florida</b>	1.05pm ET 10.05am PT	<b>Partner Session:</b> Edge Computing - What Users are Doing Today and Tomorrow <ul style="list-style-type: none"> <li>Use cases of how IT leaders in all industries are using edge computing to meet their business needs</li> <li>Which kind of infrastructure platform is needed to be successful?</li> <li>How to reduce management costs by 60%-80% with self-healing automation and intelligence</li> </ul> <b>Jeff Ready, CEO and Co-Founder, Scale Computing</b>
12.20pm ET 9.20am PT	<b>Government Keynote:</b> Building a Roadmap for the Future of Network Architecture  <b>Dr. Tim Persons,</b> Chief Scientist, Managing Director, Science, Technology Assessment and Analytics, <b>Government Accountability Office</b>	1.20pm ET 10.20am PT	<b>Refreshment Break</b>
12.35pm ET 9.35am PT	<b>Partner Session:</b> Edge Computing and Revealing Your Data Full Potential <ul style="list-style-type: none"> <li>Digital Transformation and evolving to a data driven world</li> <li>Data Life Cycle and Edge Analytics <ul style="list-style-type: none"> <li>Understanding edge landscape</li> <li>Why the Edge is critical for business success</li> </ul> </li> <li>Successfully navigating the Data Decade</li> </ul> <b>Ziad Al Najjar,</b> National Director, Technology Specialists, <b>Dell Technologies</b>	1.25pm ET 10.25am PT	<b>Special Panel Discussion:</b> Overcoming the Challenges of Implementing New Technology  Whether it's a brand new large-scale implementation as with edge computing, a shift into the cloud or a small-scale rollout within your department, invariably, the obstacles are the same. How do we integrate it with current systems, maximize return-on-investment, increase adoption and manage change? We are excited to close out our IT & Innovation Community programming before the summer break with an expert panel to help you overcome these obstacles. Come prepared with your questions and please share any tips you've learned along the way, too!  - <b>Dan Cooper,</b> Senior Director, Enterprise Technology, Enterprise Strategic Planning, Office of the Chief Information Officer of Canada, <b>Treasury Board of Canada Secretariat</b> - <b>Ranjan Banerjee,</b> PMP, ITIL, Manager, Strategic Planning, Enterprise Technologies and Solutions (ETS), <b>Communications Security Establishment</b> - <b>Liz McKeown,</b> Faculty, <b>Canada School of Public Service, Digital Academy</b> - <b>Kalyan Chakravarthy (KC),</b> Chief Information Officer, <b>Region of Durham</b>  <b>Moderated by: Peter Near,</b> National Director of Technology – Canada, <b>VMware</b>
12.50pm ET 9.50am PT	<b>Government Case Study:</b> Leveraging edge computing and IoT in digital transformation to increase citizen access to services <ul style="list-style-type: none"> <li>Exploring how to apply edge computing and IoT technologies, sensors, video and social media to provide alternative access to community services</li> <li>Embarking on a digitally transformative journey to ensure your services remain customer-centric</li> </ul> <b>Andrea McKinney,</b> General Manager of Corporate Services, <b>Town of Orangeville</b>	1.55pm ET 10:55am PT	<b>Closing Remarks and End of Session</b>

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