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AECC Publications

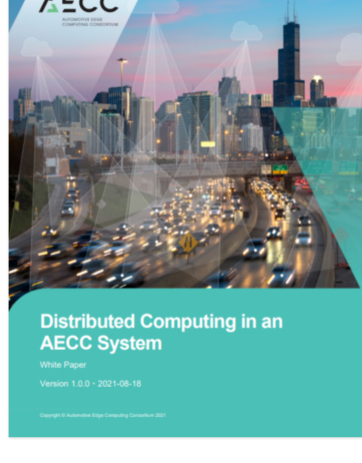
New White Paper: Distributed Computing in an AECC System

This [white paper](#) explores the requirements that motivate distributed and decentralized implementations of mobility services provided to connected vehicles.

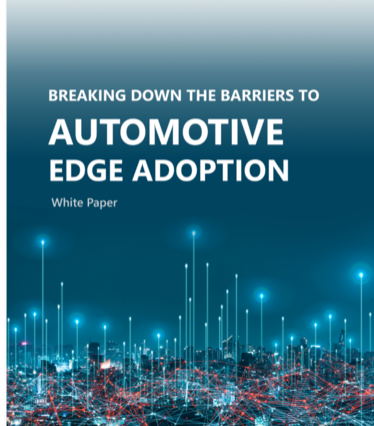
Key takeaways:

- Overview of distributed computing and how it can be applied in the automotive industry.
- Service and architecture level requirements as well as a functional architecture for distributed computing in the context of automotive edge computing.
- Solution profiling to analyze existing technologies from other standards organizations and open source communities to identify candidate solutions to satisfy AECC requirements and capture potential gaps to be addressed by connected vehicle stakeholders.

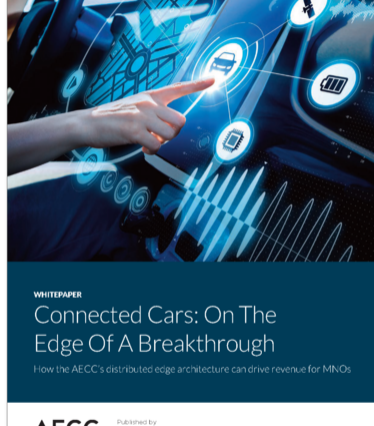
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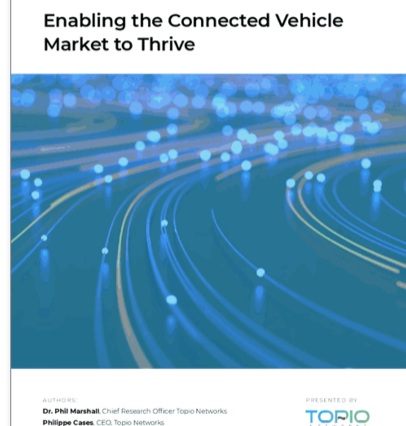
Additional Publications Available On the AECC Website:



Break Down the Barriers to Automotive Edge Adoption



Connected Cars: On The Edge Of A Breakthrough



Enabling the Connected Vehicle Market to Thrive

[Download a Publication](#)

New on the Blog



Use of Distributed Computing for Mobility Services in an AECC System

The Automotive Edge Computing Consortium (AECC) has produced a new whitepaper titled Distributed Computing in an AECC System v1.0.0.

[This blog is a Q&A](#) with the AECC President and Chairperson Ken-ichi Murata, Technical Solutions WG Chair, Leifeng Ruan, and Technical Solutions WG Distributed Computing SIG Leader, George Ericson. The article describes how OEMs, MNOs, cloud providers and other stakeholders in the connected vehicle ecosystem can benefit from the whitepaper.

[Read the Q&A Now](#)

Upcoming Industry Events

Upcoming Webinar: The Future of Data and Connected Vehicles

TOMORROW, September 29, 2021

11:00 AM Eastern

We invite you to join [AECC](#) Members Ken-ichi Murata, Christer Boberg, and Roger Berg as well as Roberta Gamble of [Frost and Sullivan](#) for an upcoming webinar, **The Future of Data and Connected Vehicles on September 29, 2021, @ 11:00 AM Eastern/ 8:00 AM Pacific.**

Join AECC for a discussion on:

- The challenge of managing the enormous influx of data coming from 400M+ connected cars.
- The role of edge computing in making the connected vehicle ecosystem a reality.
- The opportunity for MNOs, automotive OEMs, and cloud solution providers.
- How these groups can come together to lead and shape the evolving automotive edge ecosystem.

Speakers:



Ken-ichi Murata

*President & Chairperson
Automotive Edge
Computing Consortium*



Roger Berg

*Board Member
Automotive Edge
Computing Consortium*



Christer Bober

*Board Member
Automotive Edge
Computing Consortium*



Roberta Gamble

*Partner and Vice
President
Frost & Sullivan*

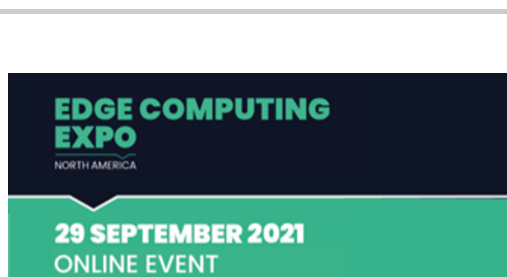
[Register for this Free Webinar](#)

Edge Computing Expo North

America Virtual 2021

Online

TOMORROW, September 29, 2021



AECC is heading to [Edge Computing Expo North America](#) on **September 29th!** This **free virtual conference** features top-level content and thought leadership discussions about the edge computing ecosystem.

[Register now](#) and join AECC Board Member Roger Berg as he moderates the panel discussion, "Defining Edge for All Stakeholders: Where is the Value? And What Groundwork Needs to be put in?" at 10:30 AM MDT.

Later, join AECC member Prashant Tiwari for a Case Study Presentation: "How Edge is Driving Innovation in the Automotive Industry," at 1:30 PM MDT.

[Learn More About the Event](#)

Edge Computing World

Online

October 12, 2021 - October 15, 2021



October 12th-15th 2021 // Global

Edge Computing World is the premier series of events for the Edge Computing space, recognized for bringing together the entire edge market for learning and networking.

AECC Board Member, Roger Berg will be participating in the Auto Edge Summit track on October 13, 2021, @ 1:00 PM PDT. Be sure to tune in!

The AECC is proud to be a supporter of this event.

[Learn More About the Event](#)

AECC in the News

Edge Computing in Autonomous Vehicles

[via Verizon](#)

Top 10 edge computing forums driving the industry forward

[via STL Partners](#)

Automotive Intelligence Embedded in Electric Connected Autonomous and Shared Vehicles Technology for Sustainable Green Mobility

[via Frontiers in Future Transportation](#)

Connected Car Technologies Require Reimagined Transportation Networks

[via Connector Supplier](#)

What is IoT? – a guide to IoT terminology

[via Telenor Connexion](#)

Automotive Edge Computing Consortium Publishes White Paper:

Distributed Computing in an AECC System

[via Auto and Tech](#)

[via The Auto Channel](#)

[via Associated Press](#)

[via The AI Journal](#)

Become a Member

AECC's mission is to find increasingly efficient ways to support the high-volume data and intelligent services needed for distributed computing and network architecture and infrastructure through the development of use cases, technical reports, and reference architecture. [Visit our website](#) to learn more about AECC and how your organization can get involved.

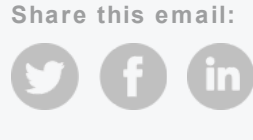
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