

October 13, 2017

DVP LectureS

IPFW KT 146 6-7:30pm

Topic: "Is there a common vision for IoT, 5G and Virtualization by 2020?" –

Presenter: Fawzi Behmann, President TelNet Management Consulting, Inc.

Vice Chair, IEEE NA Communications Society

Chair, IEEE Computer Society & EMBS Joint Austin Chapters

Abstract:

Several technologies are converging empowering IoT and delivering a greater impact and advance services to multiple markets by 2020's. This keynote presentation will introduce the concept of IoT and architectural evolution from a pre-IoT to Collaborative IoT.

Mr. Behmann will highlight technology trends and provide various examples and scenarios for different market domains such as smart home, smart energy, smart buildings, smart connected vehicles, smart infrastructure, public safety, smart health & wellness, and smart city. Solution building blocks include sensing, wearables, aggregation/gateway, mobile devices and data analytics will be highlighted.

Finally the talk will conclude with some of the factors and challenges to deliver scalable solutions, delivering better quality of services and experience. These include development platforms, 5G, virtualization and security.

Takeaway points:

- Understanding of rapid evolution of IoT & and other related technologies.
- Emerging of ecosystem cloud based addressing the root cause and not symptoms
- 2020's Impact and considerations for scalable and secure networks

Speaker's Bio



Fawzi Behmann,
President, TelNet Management Consulting, Inc.
Vice Chair, IEEE NA Communications Society

Fawzi is a visionary, thought leader, author and contributor in advancing adoption of technology in serving humanity. Fawzi spent over 30 years in industry and held various executive and leadership positions with Tier 1 companies in the areas of communications and networks spanning Semiconductor, communication systems and service provider. Fawzi was a principle architect and championed the definition and the development of integrated pre-IoT telecom alert system and networking management solution at Teleglobe Canada. He was a senior product manager with Nortel Networks for enterprise broadband edge and core product releases. Fawzi, also served as the Director of Strategic Marketing with Motorola/Freescale for SoC networking & Communications product line in Austin, Texas.

Fawzi is passionate about technology automation and has founded TelNet Management Consulting Inc. in 2009 offering consulting services in the areas of technology trends and positioning for smart networking and IoT/GIS solutions. Examples included Solar Energy, Public Safety – emergency response systems. He organized and chaired workshops, tutorials and was a keynote speaker and distinguished lecturer on key topics such as IoT, 5G, virtualization and Big Data/Analytics. Fawzi is a board member with several companies and has several publications and co-authored book on the subject of future IoT “Collaborative Internet of Things for Future Smart Connected Life and Business “ published by Wiley, June 2015
<http://eu.wiley.com/WileyCDA/WileyTitle/productCd-1118913744,subjectCd-EEJ0.html>

Fawzi is a senior member of IEEE, and is currently the ComSoc NA vice chair, CTS Conference & PACE Chair, and ComSoc&SP and CS&EMBS Joint Austin chapter chair. He was the recipient of IEEE ComSoc Chapter Achievement and Chapter of the Year Award in 2015 and 2017 and Outstanding R5 member award for 2013, 2014 and 2015. He is currently serving as Conference chair for IEEE Central and organized sessions and IoT workshops at BHI, Himss, Smart Tech, and in Africa Uganda and Kenya.

Fawzi holds a Bachelor of Science with honors and distinction from Concordia University, Montreal; Masters in Computer Science from the University of Waterloo, Ontario and Executive MBA from Queen's University, Ontario Canada.