

IEEE South Saskatchewan Section, YP and the Faculty of Engineering and Applied Science are pleased to present the webinar:

## Why is Edge Compute leading to the convergence of the Industrial Internet of things and 5G? Security, Privacy, Control, Accountability

**When:** Tuesday, 21 September 2021

**Time:** 5:00 – 6:00 pm (Regina Time)

**Where:** <https://uregina-ca.zoom.us/j/96597220422?pwd=TVNFZXQ1ZVV3TDdzZ2k5Q2V6NS9CUT09>

**Free Mandatory Registration:** <https://events.vtools.ieee.org/m/280117>

**There is no cost, and all are welcome and invited to attend!!**

**Abstract:** Mobile computing, specifically cell phones, has changed the way we communicate and define relationships between devices, data, and users. We are seeing the restructuring of the digital economy as relationships between businesses, users, devices, and data blend together on the edge to improve operations and service delivery. This presentation explores the issues stopping these two IoT industry standards from becoming one: (Industrial Internet of Things Consortium and the ETSI (5G with MEC)). Both are focused on using edge computing to improve customer service and operations through the management of data, users, and devices. Relationships between businesses, users and devices that define edge computation. A mesh of interaction defined by relationships, operations and data will exist between users and devices based on common needs. Ubiquitous connectivity is a foundational technology enabling device and data sharing. Four foundation principles are required for relationships: security, privacy, control, and accountability. Ownership and relationships are defined by these principles.

**Speaker's Bio:** Alfred Strauch, President, Smart Talk Beacon Solutions Ltd.



Alfred Strauch is President of Smart Talk Beacon Solutions Ltd. Alfred graduated from the University of Regina with a bachelor of Art and Sciences. He has been involved in the computer industry for more than 25 years (including 15 years in the surveillance industry. Smart Talk Beacon Solutions Ltd. was started 5 years ago to develop a monitoring and support solution for surveillance cameras. Experience and 3 product versions of our product lead to the patenting and development of cutting edge “No Trust Security” architecture and protocol to secure, monitor, operate, manage and support IoT devices.

**Speaker's Bio:** Steven Carbno, Architect and Senior Programmer at Smart Talk Beacon Solutions Ltd.

Steven Carbno is Technology Architect and Senior Programmer at Smart Talk Beacon Solutions Ltd. He did BSc from University of Regina and has 20 yrs of programming experience. He is an architect and developer of “No Trust Security” architecture and protocol to secure, monitor, operate, manage and support IoT devices.

For any questions regarding this event, please contact Irfan Al-Anbagi at [Irfan.Al-Anbagi@uregina.ca](mailto:Irfan.Al-Anbagi@uregina.ca)