



“Tech Day 2018”

TELUS Garden - Vancouver
510 W. Georgia St.
5th Floor
Vancouver, BC. V6B 0M3

October 25, 2018
9:00am – 4:30pm

**Attend any
combination**

–or all 3 segments

- **9:30am – 11:00: Position** tracking / GNSS
- **12:30pm– 2:00pm: Bluetooth / Wi-Fi** modules
- **2:15pm – 4:30pm: Cellular** (2G/3G/4G LTE)

Please register online: <https://www.eventbrite.com/e/u-blox-tech-day-vancouver-bc-tickets-49316799876>

Coffee, snacks, beverages will be available throughout the day

9:00am –On-site registration open

10:00am -11:30am: POSITIONING

Talk with u-blox experts about getting started on your project. Review our broad range of standard, precision, automotive and timing/frequency modules.

Getting started –reduce time to market with clear design guidelines, support and our formal design review (*free service*).

- Obtain support tools, samples and documentation
- Roadmap overview
 - Standard positioning
 - Precise positioning and timing
 - Automotive Dead Reckoning / untethered DR / Pedestrian (sports)
- Live demo using u-blox u-center and evaluation tools

11:30 – 12:30pm *Lunch (sandwiches, chips, cookies, etc.)

12:30pm – 2:00pm: SHORT RANGE RADIO

Discuss your project and/or interests with a u-blox FAE with expertise in BT/Wi-Fi. Reduce your design cycle with pre-certified modules. Overview of FCC and ETSI (RED) compliance. Summary of u-blox stand-alone and host-based modules in BT/BLE, Wi-Fi and multi-radio products.

- **How to obtain support, tools, samples and documentation**
 - Certification / why modules?
- **Roadmap -short range**
 - BT/BLE, Wi-Fi, multi-radio
 - Stand-alone / host-based / Open CPU (customer applications)
 - V2X & related automotive



Guest– **Toradex**

IoT demo –use case: i.MX7 (Linux) SoM using stand-alone u-blox Wi-Fi/BT

Toradex engineers will be on site to answer questions. Additional demos will include robots and Linux based instrument cluster. u-blox demo's: stand-alone and "Open CPU" to run your applications onboard (iOS/Android).

2:00pm -Break

2:15pm – 4:30pm: CELLULAR



Identify the module(s) best suited for your application and get started with an evaluation kit, samples, tools and general system integration guidelines.

- Cellular roadmap
 - Migration of GSM, HSPA+, LTE Cat.6 and higher, Cat.4, Cat.1, M1, NB1
- Process of certification / compliance –FCC / IC, PTCRB and Carrier
- Demo with a u-blox evaluation kit and the free m-center evaluation & configuration tool

TELUS -your IoT partner: Network capabilities, rollout plan for Cat.M1 and other cellular / LTE technologies in Canada.

Experts from both u-blox and TELUS will be available on site to discuss technical details (features, performance, etc.) and prepare you for regulatory certifications. Learn steps to optimize design for performance and compliance using u-blox leading edge LTE modems. We will discuss requirements and network readiness for North America and other global regions and also cover legacy technologies like 2G/3G and CDMA.

We will be available for further Q&A following the last session...