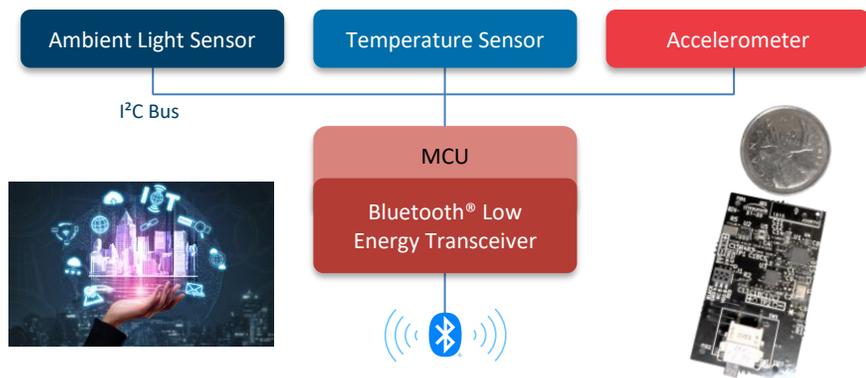




# SwiftMote Sensor Platform

## Customizable IoT Design & Prototyping

SwiftMote is an open Bluetooth wireless sensor platform designed to be a proving ground for novel sensor and packaging research. Jump-start your research by using SwiftMote out of the box or customize to suit your R&D needs.



## What You Get

- ✓ TI CC2640 processor, Bluetooth, 128kB of Flash memory, light and temperature sensors, accelerometer
- ✓ Android app to receive and display the data
- ✓ User customizable—open PCB design including KiCad Project file schematics, layout, Bill of Materials

## Applications

- ✓ Machine monitoring
- ✓ Biomedical monitoring (handheld devices)
- ✓ Multi-sensor integration
- ✓ IoT for AI at the edge, sensor fusion

## Related Offerings

**Pulissimo for ZCU102** – an open-source single-core RISC-V SoC platform that runs on Xilinx ZCU102 evaluation board

**Silicon Interposer** for dense multi-technology integration

**Electronic Sensor Platform (ESP)** for chemical sensing

## Connect with Us

For assistance or to recommend platform enhancements contact:

[sales@cmc.ca](mailto:sales@cmc.ca)



## About CMC

### Reducing barriers to technology adoption for the benefit of Canada

CMC delivers products and services nationwide to simplify access to advanced technologies. For academic research CMC manages a Major Science Initiative called Canada's National Design Network™. For industrial research CMC offers cost-sharing for prototyping using its global supply chain.



#### Multi-Project Wafer (MPW)

services from commercial vendors for prototyping through to high volume in microelectronics, photonics, and microelectromechanical systems (MEMS).



#### Custom fabrication:

A network of university-based nanofabrication facilities and not-for-profit research organizations



**Technology Platforms:** Open-source hardware and software at [Github/cmcmicrosystems](https://github.com/cmcmicrosystems)



**Start-up Support:** Low-cost services for SMEs at [cmc.ca/VE](https://cmc.ca/VE)



[CMC.ca](https://cmc.ca)