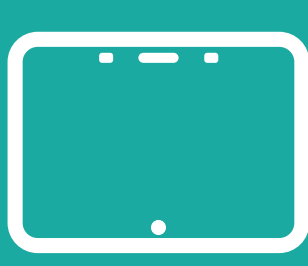# PerSe™
by Semtech

Technology That Makes More Sense

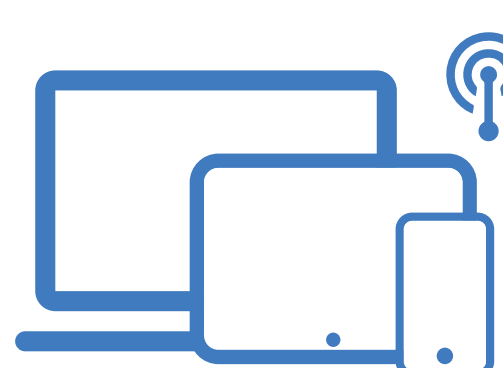Makes smart devices smarter, optimizes performance and reduces power use

Semtech's PerSe, a first-of-its-kind, intelligent human sensing technology
that makes more sense for device performance, regulatory compliance, user safety, and experience.
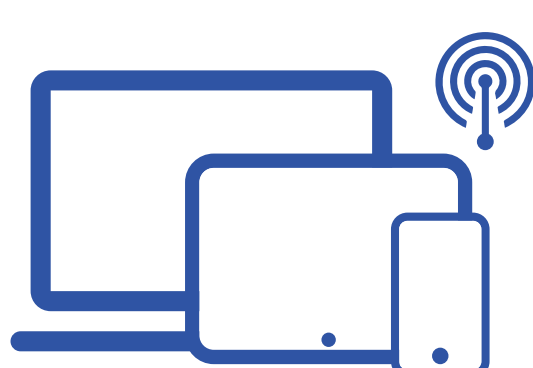
Only PerSe
intelligently senses human presence to enable a smart response by the end devices, enhances connectivity, extends battery life and enables intuitive control.

The PerSe platform has three product lines:
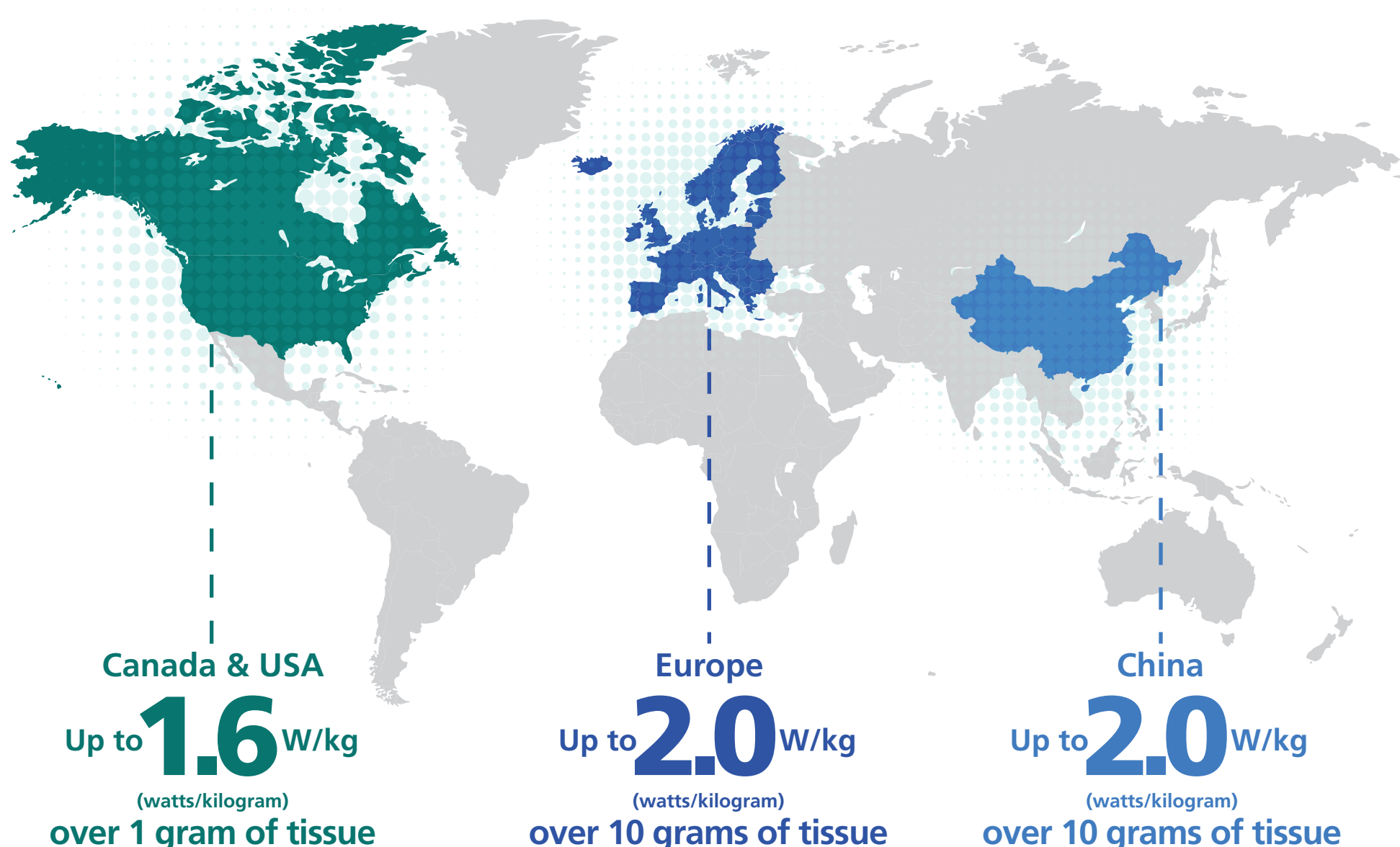
PerSe **Connect**
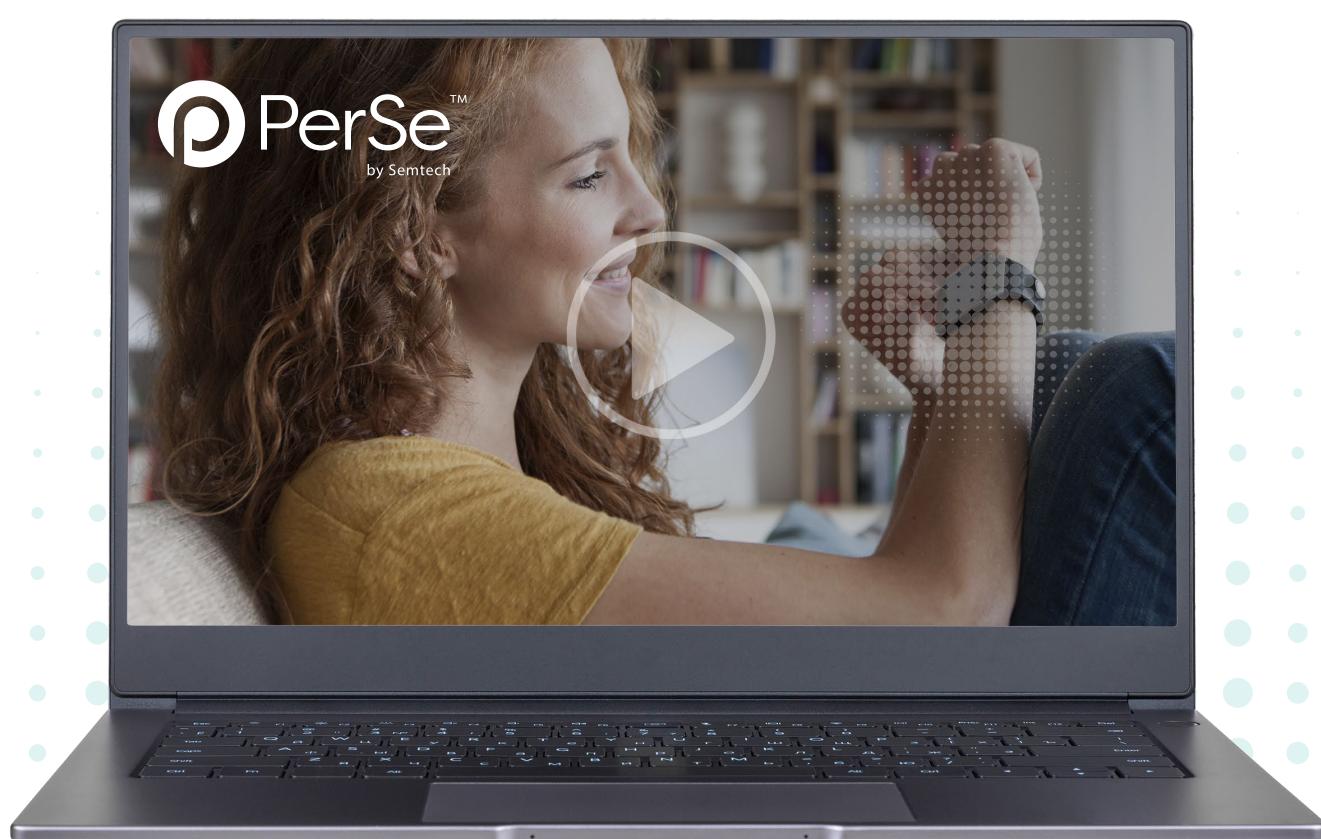
PerSe **Connect Pro**

PerSe **Control**

Countries have established specific absorption rate (SAR) safety standards that all wireless devices must meet. These standards limit the amount of RF a device can emit and vary between regions:

Canada & USA
Up to **1.6** W/kg
(watts/kilogram)
over 1 gram of tissue

Europe
Up to **2.0** W/kg
(watts/kilogram)
over 10 grams of tissue

China
Up to **2.0** W/kg
(watts/kilogram)
over 10 grams of tissue

PerSe enables high quality connectivity in 5G/Wi-Fi 6 devices by optimizing RF power for best performance and regulatory compliance.

Benefits of PerSe:

- Makes smart devices smarter
- Provides better connectivity and safety compliance
- Enables intuitive control
- Extends battery life
- Offers best-in-class sensing performance
- Easily integrates into a variety of consumer devices

PerSe™
by Semtech

▶ **Watch the PerSe Video**
Visit semtech.com/PerSe for more information

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