

LoRaWAN

A network that works for you.

Whether you're a business, community, or a solution provider, a wireless network will be at the forefront of any conversation regarding **Internet of Things (IoT)**. Be it Wi-Fi, cellular, or Bluetooth, utilizing IoT solutions can improve your business operations.

Finding the right network is essential in increasing savings, promoting efficiency and automation, and facilitating data-driven decision-making for both yourself, and your organization.

A lesser known, but equally important network to consider when discussing business operations is **LoRaWAN (Long Range Wide Area Network)**.

LoRaWAN is a wireless communication protocol designed for long-range, low-power Internet of Things (IoT) applications. It operates on unlicensed radio frequency bands, enabling cost-effective and scalable connectivity for a wide range of your devices.

LoRaWAN allows devices, including sensors and actuators, to **transmit data over long distances**. This feature makes it ideal for use in smart cities, agriculture, industrial automation, and more.

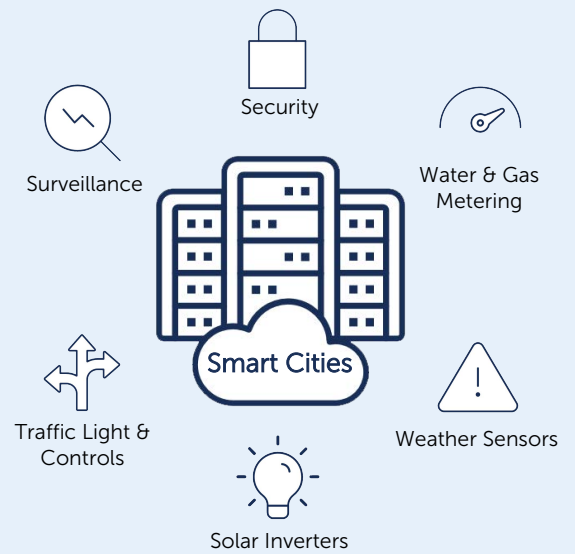
Innovation can thrive, and the IoT ecosystem will expand, thanks to LoRaWAN's open standard and unwavering community support.

There is no one-size-fits-all network. That's why SaskTel's **Innovation and Collaboration team** strive to help you find the right network to support your devices, applications, and that assists you with business operations.

To get in touch with SaskTel's Innovation and Collaboration team, contact sasktelcollaborationcentre@sasktel.com. To learn more about LoRaWAN, visit sasktel.com/lorawan.

Thank you for considering SaskTel as a partner in your business.

sasktel.com/business



Features

Long Range

LoRaWAN can be used to connect devices up to 20KM apart and can penetrate anything from dense urban areas to deep indoor environments. This is ideal for supporting solutions that require rural or in-depth building coverage, or where cellular data doesn't exist today.



Battery Life

LoRaWAN requires minimal energy by providing long battery life. When sensors are in far off locations (such as farm field soil sensors) or with high device volume deployments, this can reduce manual effort and the cost of replacing batteries.



Low Cost

LoRaWAN infrastructure, devices, and connectivity pricing is often less expensive than comparable cellular options.



Secure

LoRaWAN includes end-to-end AES128 encryption, unique device keys, mutual authentication, and more to ensure your devices and data are secure.

