LoRa®

EVERYONE

Real solutions to change the world and enable a better life

Millions of people have already discovered LoRa devices and the LoRaWAN® standard to create smarter, more efficient IoT applications worldwide.

LoRa devices' unique combination of flexibility and scalability to connect applications – brings value to all. Explore how these products create a safer, more sustainable and comfortable planet for everyone.

HEALTH
public health and workplace solutions

Contact Tracing
- Alert to maintain appropriate distance
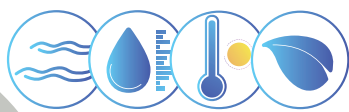- Record interactions to prevent disease

Connected Health
- Monitor proximity and behavior
- Offers reliability over smartphone-based approach

Air Quality Sensing
- Reduce airborne spread of disease
- Control in-building CO_2 levels

Medical Asset Tracking
- Track drugs and equipment in real time
- Verify location and condition of critical assets

Temperature Monitoring
- Remotely monitor individual body temperature

COMMUNITY
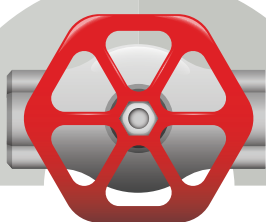*flexible and simple solutions to connect a wide range of applications*

Community Networking
- Connected cameras, fences and objects keep properties safe
- Reliability where Wi-Fi and Bluetooth fall short

Flood Monitoring
- Track water levels in coastal communities
- Protect people and property

Water Management
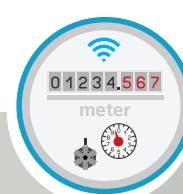- Locate and prevent leaks
- Reduce cost and environmental impact

Worry-free Parking
- Reduce time to park, city traffic and wasted fuel
- Efficient illegal parking detection

Community Utilities
- Provide communities with substantial cost savings
- Sustainable grids reduce waste

HOME
long range indoor and outdoor coverage for today's smart homes

Efficient Household
- Monitor plugs, appliances, gas, and water use
- Reduce energy waste and cost

Pet & Property Tracking
- Monitor pets, children, bicycles, and more
- Simplify finding loved ones and property

Enhanced Security
- Monitor door enter/exit
- Window damage alert
- Provide homeowners peace of mind

Real-time Leak Detection
- Detects leak and alert homeowners in real-time
- Predict and prevent property damage

Precision Gardening
- Irrigate based on soil moisture and weather
- Save money while creating beautiful lawns and gardens

SEMTECH