A global IoT solution for monitoring livestock

Transforming agriculture with global roaming connectivity

Powered by BICS SIM for Things®
Farming is in overdrive. Food production requirements are increasing at a substantial rate, putting huge pressure on an industry that has traditionally operated using manual processes.

As global demand increases, farmers will be taking on more than ever before and, without change, will struggle to keep pace. Often managing large estates with thousands of animals at a time, they need a reliable stream of data insights to make this easier, drive efficiencies and lower their carbon footprints.

Not being able to remotely track the welfare and location of animals represents the biggest hurdle in this regard, and number one priority to address.

**Solution**

Bringing data-driven precision to the agriculture industry

Introducing collar-worn animal location and welfare monitoring devices from Digitanimal, underpinned by BICS’ global roaming connectivity.

Using sensors in Digitanimal’s IoT-enabled animal collar, farmers and conservationists can track the location and monitor the welfare of animals in real time – wherever they are. BICS’ SIM for Things solution is embedded in the collar at the communications layer, transmitting a steady stream of data to the cloud where it can be accessed on any device for live, up-to-date insights.

**Benefits**

- **Enhance animal welfare**
  Reduce animal losses with automatic notifications when an animal leaves their enclosure, including support for suspected theft or predator attacks.

- **Minimize carbon footprints**
  Spend less time traveling to monitor livestock as this can be done remotely, from anywhere and on any device.

- **360-degree coverage**
  Works anywhere and in any environment, even when animals are being transported, improving traceability.

- **Advanced analytics and insights**
  Out-of-the-box ready, with the continuous insight collection and reporting needed to empower precise, data-driven decision making.

More information on bics-iot.com