



SCOPIOUS

SOLUTION PAPER

Smarter Milk Production: Environmental Monitoring and Efficiency with Scopious IoT

Overview

Scopious IoT enables real-time monitoring across pasture-based dairy farms, helping farmers manage heat stress, water access, and equipment issues. With secure data, LoRaWAN coverage, and integration with milk processor platforms, Scopious supports better decision-making, streamlined compliance, and improved supply chain visibility.

Needs:

Dairy farmers need accurate, real-time data to monitor environmental and operational conditions, improve herd wellbeing, avoid costly disruptions, and meet welfare and processor compliance requirements.

Solution:

Scopious IoT offers a secure, scalable platform to monitor key factors across the farm—from paddock to plant. It delivers timely, actionable data to support smarter decision-making, reduce on-farm risk, and align with evolving industry standards.

Key Benefits:

- Supports animal welfare and pasture condition monitoring
- Enables fast response to environmental or equipment issues
- Reduces reliance on manual checks and reactive maintenance
- Improves milk quality and yield through better oversight
- Strengthens compliance with welfare and processor requirements
- Scales easily with farm growth or system changes
- Provides traceable data for regional council or regulatory reporting

Scopious for Dairy Farms

- Near real-time sensors for temperature, humidity, water levels, and soil conditions
- Monitoring for milk vats, chillers, and critical infrastructure
- Customisable alerts for early warning of faults or threshold breaches
- Secure data collection, processing, and cloud storage
- Intuitive application to register and deploy sensors and gateways
- Mobile-accessible dashboards for remote visibility
- Seamless integration with milk processor platforms
- Trusted LoRaWAN connectivity for broad coverage

More milk,
less mud, no
guesswork.