

RFID



Making Livestock Counting Systems Accessible To All Farmers

LCS Tag Sleeves

We utilize Long Range UHF RFID tags operating between 860MHz and 960MHz, selected for their reliability and versatility in and 960MHz, selected for their reliability and versatility in livestock tracking.

Key benefits include:

Extended Read Range:

Tags can be scanned from 3 to 3.5 meters, ensuring efficient data capture.

Reusable Design:

Each tag is transferable between animals, supporting sustainable and cost-effective operations.

Unique & Secure Identification:

Every tag carries a permanent, unchangeable serial number, guaranteeing traceability.

Customizable Printing:

Tags can be printed on one or both sides to suit your branding or data needs.



LCS Ear Tag with RFID Technology



LIVESTOCK COUNTING SYSTEMS

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Proudly attends



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LIVESTOCK COUNTING SYSTEMS

The Future Of Herd Automation

-  **Livestock Monitoring**
-  **Water Dam Level Monitoring**
-  **Long-Range RFID Tags**
-  **Reusable Tag Sleeves**
-  **Permanent Serial Numbers**
-  **Custom Tag Printing Options**
-  **Integration Support**

“ This system has completely revolutionized how we **Track, Trace and Collect Data** about our cattle and farm. Movement tracking is really easy! Thanks LCS - this is a system worth installing!” ”

Livestock Counting Systems (LCS) was born out of a real-world need. Founder Francois Haasbroek wanted a simple, reliable way to know how many cattle he had at any given time. Together with Philip Opperman, they began brainstorming what such a system should do—and how it could transform livestock management.

Philip played a key role in designing and building the original prototype, and has since led every development phase to refine and expand the system. Today, LCS combines practical farming insight with advanced technology to help farmers work smarter.



Our mission is to create efficient, profitable environments for livestock operations. As challenges evolve, so do our solutions—designed to meet real needs on the ground. We believe every livestock enterprise can benefit from a reliable counting system.



Our vision is to become a trusted partner to farmers across South Africa and beyond, delivering value through precision and progress.

Smart Farming, Simplified with LoRaWAN

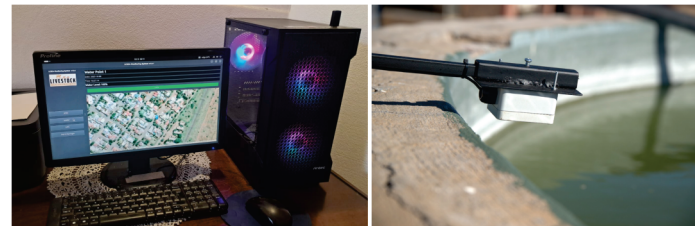
How It Works;

Our system runs on a simple, three-part setup designed for ease and efficiency:

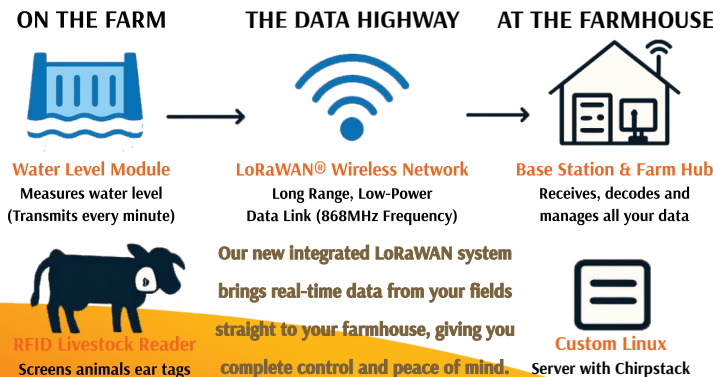
Farm Hub: A powerful base station in your farmhouse with long-range antenna and smart software. It collects all farm data into one dashboard for easy decision-making.

Dam Level Monitoring: A wireless module tracks water levels in your dam or tank—updated every minute, no manual checks needed.

Livestock Tracking: RFID readers scan ear tags as animals pass, giving you automated, accurate counts without the hassle.



HOW YOUR SMART FARM CONNECTS



Gallery of LCS Products;



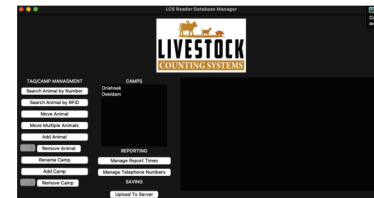
Unit Over Water Yard Entrance



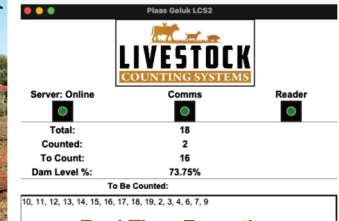
Unit Above Drinking Trough



Mobile Unit

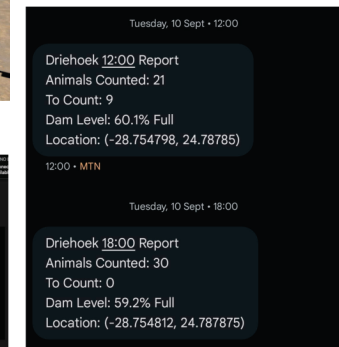


Program For Management



Real-Time Reporting

The crucial task of livestock counting can now be performed electronically, supported by a custom-designed computer program to manage livestock movement effectively.



SMS Reports

A Livestock Counting System consists of four different parts: **1. The power supply. 2. The computer and communication module. 3. The readers. 4. The UHF RFID tags.** Each animal is equipped with a UHF RFID tag attached to its ear. When the animal moves in close proximity to the readers, the tag is being read and registered by the readers and a report is created.