

Livestock Identification Market: Current Analysis and Forecast (2024-2032)

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Abstracts

The market for identifying livestock properties grows as the animal industry focuses more on detecting diseases and meeting government rules. This market consists of technologies that help operators maintain constant control of livestock from their life start to finish while protecting animal health and improving supply chain efficiency. The livestock industry needs more animal tracking because people want more food from animals, plus new technology helps make identifications better, plus governments require complete animal tracking records.

The Livestock Identification Market is expected to grow at a robust CAGR of 7.1% during the forecast period, owing to the strict government regulations for traceability and disease control, along with the growing adoption of RFID and IoT-based tracking for efficient herd management. In the coming years, the Asia Pacific region will expand its market at the fastest rate. The meat market demand in China, India, Australia, and Japan grows as their livestock numbers rise. For instance, India had the largest cattle inventory in the world in 2023 followed by Brazil and China. India's cattle inventory was reported at 307.5 million head in 2023, accounting for roughly 33% of the world's inventory. The expanding livestock sector, together with property owners gaining knowledge about livestock tracking software drives prospective buyers. China and India will be the fastest-growing countries in the region during the forecast period.

Based on Technology, the market is categorized into Radio Frequency Identification, Barcode Identification, Global Positioning System, and Others. Among these, Radio Frequency Identification is growing with a significant CAGR. RFID technology gains strong market momentum because organizations need precise live feed tracking and streamlined operations in their farming system. The radio frequency identification system helps ranchers observe and

organize their livestock operations automatically to reduce staff workload and prevent human mistakes. Official animal tracing rules help increase the use of RFID as regulators want to protect public health and enable animal export. Developments in economical RFID tags and enhanced sensor quality make the technology easier to use for livestock tracking at farms and animal production facilities.

Based on End User, the Livestock Identification market is divided into Cattle, Swine, Poultry, and Sheep & Goats. The Cattle segment registered a significant CAGR during the forecast period. The cattle segment of the Livestock Identification Market experiences growth driven by growing demands for food safety tracking and disease control requirements. Governments in all nations are making tracking systems mandatory to control the spread of diseases like Bovine Tuberculosis and Foot-and-Mouth Disease, which improves livestock health monitoring. The market keeps growing because consumers want morally-produced meat and dairy products and because RFID tracking systems and other smart technology help farming operations. Rising demand from farmers and business leaders makes them want better systems to track and manage their cattle production.

For a better understanding of the market adoption of the Livestock Identification industry, the market is analyzed based on its worldwide presence in countries such as North America (U.S.A., Canada, and Rest of North America), Europe (Germany, United Kingdom, France, Spain, Italy, and Rest of Europe), Asia-Pacific (China, Japan, India, Australia, and Rest of Asia-Pacific), Rest of World. The Asia-Pacific region shows strong growth in its livestock identification system because animal numbers and meat-dairy demand are rising, plus regional authorities require tracking systems. Several nations, especially China, India, Australia, and New Zealand, lead by adopting harsh laws to check food safety and animal wellness. Farmers and industry members select RFID tags and Internet of Things technology because these systems help them run their herds smarter and better. Ironically enough, market expansion in this region comes from two different forces. One comes from increased use of digital technology in agriculture and the other develops due to financial incentives provided by the government on animal identification equipment. China and India stand as leading meat and dairy producers globally so the market demand for tracking tools keeps growing stronger. The established livestock exports from Australia and dairy production in New Zealand drive this market's development. Various technology startups in APAC create new solutions that use AI monitoring to

track livestock, plus blockchain for supply chain recordkeeping. The livestock identification sector across APAC will keep expanding because of stricter food safety rules and rising ethical product buyer expectations.

Some of the major players operating in the market include Datamars, Allflex Livestock Intelligence (Merck Animal Health), Nedap N.V., Shearwell Data Ltd., CAISLEY International GmbH, Kupsan Tag Company Ltd., Luoyang Laipson Information Technology Co., Ltd., Y-Text Corporation, Leader Products, and OMNIA Technologies Pvt. Ltd.

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