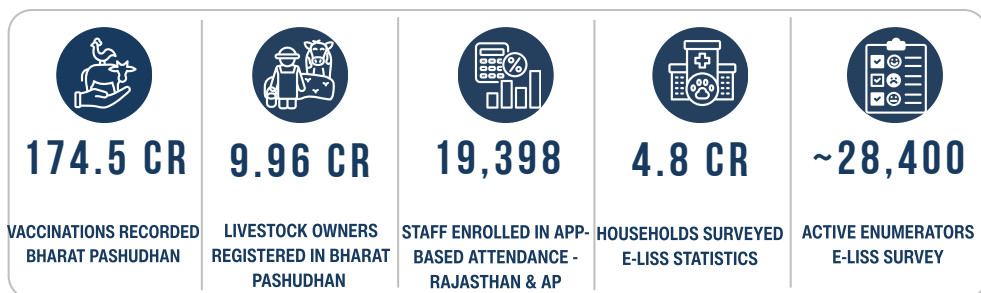


India's Livestock Tech Stack Goes Live

India is building a digital nervous system for its livestock economy - connecting animal identity, health, statistics veterinary services and real-time dashboards to create healthier animals, stronger farmer livelihoods and a more resilient livestock sector.



WHY THIS STORY MATTERS FOR THE ATLAS

National tools are now matched by State Dashboards: Andhra Pradesh scores its Animal Husbandry Department with 17 KPIs. APFRS App tracks all field functionaries clock-in and clock-out for better livestock service delivery, while Rajasthan attendance app also covers all field institutions.

The next question is whether these numbers change field services.

"The tools are built. The next job is getting them to every farmer"
LIVESTOCK LATEST TECHNOLOGIES — THE QUIET BACKBONE OF INDIA'S LIVESTOCK ECONOMY

Sources: DAHD, Bharat Pashudhan, ICAR-NIVEDI, eLISS, APFRS, RajSSO-AMS, Swarna Andhra, Stellapps, and NITI Aayog. Dashboard figures reflect their stated reporting dates; startup reach figures are company-reported.

India's Livestock Goes Digital

*The latest technological tools in livestock now cover identity, vaccination records, disease forecasting, counting, estimating livestock products, tracing, staff attendance and department scores based on Key Performance Indicators, with startups adding farm-level sensors. **The test now is use: how many farmers and states rely on them every day.***

Every animal has a digital record — By 8 Oct 2026, 61.20 crore animals were on the Bharat Pashudhan database, 39.16 crore with individual IDs and 22.05 crore in flocks, with 9.94 crore owners. It holds 173.8 crore vaccinations, 85% of them for foot-and-mouth disease, and a 1962 app shows farmers each animal's history by QR code.

Disease is predicted, not just reported — ICAR-NIVEDI's NADRES uses AI and machine learning to forecast 13 major livestock diseases across districts, enabling early preventive action. It won the National e-Governance Gold Award in 2025. National serosurveillance covers five diseases: FMD, brucellosis, PPR, bluetongue and classical swine fever.

Livestock Statistics go digital with real-time Survey monitoring — The eLISS platform for generating estimates of major livestock products viz., milk, meat and egg, reports 4.8 crore+ households/enterprises surveyed across 2.81 lakh+ villages/wards, using 28,400+ enumerators and 10,400+ supervisors, covering 70,000+ commercial poultry farms.

Staff attendance is now live data — Andhra Pradesh's (AP Face Recognition System) marks 5,158 of 7,202 enrolled Animal Husbandry staff (71.6%) clocked in on 8 Oct 2026. Rajasthan's RajSSO-AMS covers 12,196 staff in 10,133 offices; 1,903 (15.6%) had marked attendance in a Saturday-morning snapshot on 17 Oct 2026, so the two are not like-for-like. DAHD uses biometric attendance in many of its offices.

Performance dashboards meet livestock startups — Andhra Pradesh's Swarna Andhra dashboard reported 99 (A+) across 17 Animal Husbandry indicators for September 2026. Bengaluru-based Stellapps reports technology supporting 20 lakh farmers and 1.10 crore litres of milk daily. Animall reports reaching 80 lakh+ farmers and facilitating 10 lakh+ cattle sales, while Rajasthan's Krimanshi develops innovative animal-feed solutions.

Data Table

Technology	Run by	What the farmer gets	Key number (date)
Bharat Pashudhan	DAHD with NDDB	12-digit animal ID; vaccination, treatment and ownership records	61.20 crore animals; 9.94 crore owners (8 Oct 2026)
1962 farmer app	DAHD	Animal history by QR code; scheme information; Pashupedia	Same database as Bharat Pashudhan
NADRES v2	ICAR-NIVEDI	Early warnings, heat maps and vet alerts	13 diseases forecast in all districts
eLISS survey	DAHD	Milk, meat, egg and wool estimates down to district level	4.8 crore households; 2.81 lakh villages/wards
21st Livestock Census app	DAHD	Real-time count including pastoral holdings and women's role	87,613 enumerators; 16,453 supervisors (Oct 2024)
Biometric attendance	DAHD	Staff presence tracking in subordinate offices	18 of 34 offices (Annual Report 2025–26)
APFRS	Govt of Andhra Pradesh	Staff clock-in and clock-out, by department and district	5,158 of 7,202 clocked in, 71.6% (8 Oct 2026)
Swarna Andhra KPI dashboard	AP Planning Department	Monthly score for each department on set indicators	Animal Husbandry: 99, A+, 17 indicators (Sep 2026)
RajSSO-AMS	Govt of Rajasthan, DoIT&C	Attendance app replacing the paper register	12,196 staff; 10,133 offices; 15.6% marked (live, 17 Oct 2026)
SmartMoo (Stellapps)	Startup, Bengaluru	IoT sensors, milk procurement and cold chain tools	2+ billion litres of milk a year (company claim)

Sources: DAHD, Bharat Pashudhan, ICAR-NIVEDI, eLISS, APFRS, RajSSO-AMS, Swarna Andhra, Stellapps, and NITI Aayog. Dashboard figures reflect their stated reporting dates; startup reach figures are company-reported.

