

SHVAN SURAKSHA

FIELD IMPLEMENTATION REPORT



Supported by

Reaching Out to Animals (ROTA)

Roopanagar, Bogadi, Mysuru

29 May 2026

FIELD DEPLOYMENT

Implementation Snapshot

ROTA Mysuru • May 2026

24

STRAY ANIMALS

24

Microchips Verified

100%

Records Digitized

All participating animals were successfully linked to vaccination, sterilization and microchip records within the Shvan Suraksha platform.

Prepared by
DataPower Technologies Pvt. Ltd.

In Collaboration With
People For Animals (PFA) Mysore

Mysuru • Karnataka • India

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1 Executive Summary

On 29 May 2026, DataPower Technologies Pvt. Ltd. conducted a field implementation activity of the **Shvan Suraksha Platform** at the **People For Animals (PFA) Mysore / Reaching Out To Animals (ROTA)** Animal Welfare Centre located at Roopanagar, Bogadi, Mysuru.

The primary objective of this exercise was to demonstrate and validate the use of digital animal identification and record management through microchipping while integrating vaccination and sterilization records into the Shvan Suraksha platform.

With the consent and cooperation of ROTA, a total of **24 stray dogs** undergoing Animal Birth Control (ABC) procedures were digitally registered within the platform.

The following information was collected and digitally recorded:

- Microchip Identification Details
- Vaccination Records
- Sterilization Records
- Veterinary Verification
- Supporting Certificates

The activity successfully demonstrated the capability of Shvan Suraksha to provide long-term traceability and digital lifecycle management of street dogs.

2 Participating Organizations

2.1 DataPower Technologies Pvt. Ltd.

The implementation team from DataPower Technologies Pvt. Ltd. consisted of:

- Mr. Sahadevan M K
- Mr. Indrajith P
- Mr. Vinay C

2.2 ROTA / PFA Mysore

Reaching Out To Animals (ROTA), operating through the PFA Mysore Animal Welfare Centre, facilitated the field implementation and provided access to animals undergoing Animal Birth Control procedures.

2.3 Veterinary Team

The following veterinarians supervised and supported the implementation activity:

- Dr. Amardeep Singh
- Dr. Kirana A.R.

3 Background

Shvan Suraksha is a technology-driven urban animal management platform developed by DataPower Technologies Pvt. Ltd. to support humane and data-driven street dog population management.

The platform has been designed to support Animal Birth Control (ABC) programs by providing:

- Digital Animal Registry
- Microchip-Based Identification
- Vaccination Tracking
- Sterilization Record Management
- GPS-Based Capture and Release Tracking
- Duplicate Capture Prevention
- Reporting and Analytics

The implementation conducted at ROTA Mysore was intended to evaluate the practical deployment of these capabilities within an operational animal welfare environment.

4 Objectives

The objectives of the field implementation were:

1. Demonstrate the Shvan Suraksha platform in a live Animal Birth Control environment.
2. Register sterilized and vaccinated animals using unique microchip identifiers.
3. Digitize animal health and procedural records.
4. Validate veterinary data integration workflows.
5. Establish traceability mechanisms for street dogs.
6. Evaluate readiness for larger-scale deployments.

5 Activities Performed

5.1 Coordination with ROTA

The DataPower team coordinated with ROTA officials and veterinary staff to identify animals that had undergone sterilization and vaccination procedures.

Necessary approvals and operational permissions were obtained prior to commencement of the registration activities.

5.2 Microchipping and Digital Registration

A total of **24 stray dogs** were selected for digital registration. For each animal:

- Microchip details were recorded.
- Microchip numbers were verified.
- Animal records were created within Shvan Suraksha.
- Veterinary information was linked to the digital profile.
- Supporting documentation was collected.

The process established a permanent and unique identity for every registered animal.

5.3 Vaccination Data Collection

Vaccination certificates and associated records were collected and verified. The following information was recorded:

- Vaccination Status
- Vaccine Details
- Certificate Information
- Veterinary Validation

5.4 Sterilization Data Collection

Sterilization records for all participating animals were collected and digitized. Information captured included:

- Sterilization Status
- Procedure Confirmation
- Veterinary Certification
- Supporting Documentation

5.5 Certificate Collection

The following documentation was collected for all 24 animals:

- Microchip Certificates
- Vaccination Certificates
- Sterilization Certificates

All documents were linked to the corresponding animal records within the platform.

6 Results and Outcomes

6.1 Operational Outcomes

- 24 stray dogs digitally registered.
- 24 microchip records created.
- Vaccination data digitized.
- Sterilization data digitized.
- Veterinary verification completed.
- Certificates collected and archived.

6.2 Technical Outcomes

- Successful microchip identification.
- Digital profile creation.
- Record linkage and traceability.
- Validation of field deployment workflows.

6.3 Animal Welfare Outcomes

- Improved traceability of street dogs.
- Reduced possibility of duplicate sterilization.
- Improved vaccination monitoring.
- Enhanced accountability and transparency.

6.4 GPS Workflow Assessment

Shvan Suraksha provides GPS-enabled workflows for:

- Animal Capture Tracking
- Transport Monitoring
- Drop-Off Location Recording
- Release Verification

During this implementation activity, the animals had already been captured and housed by ROTA prior to commencement of the registration exercise. Therefore:

- GPS Capture Workflow was not utilized.
- GPS Drop-Off Workflow was not utilized.

However, these functionalities remain available for future end-to-end deployments involving field capture teams.

7 Conclusion

The field implementation conducted on 29 May 2026 at PFA Mysore successfully demonstrated the practical application of the Shvan Suraksha platform for humane and data-driven street dog management.

Through the registration of 24 stray dogs and validation of companion animal microchip identification, the exercise established a strong foundation for future deployments supporting Animal Birth Control programs and long-term animal welfare initiatives.

The collaboration between DataPower Technologies Pvt. Ltd., ROTA, PFA Mysore, and the veterinary team demonstrates the potential of technology-enabled animal welfare systems to improve traceability, transparency, compliance, and operational effectiveness.



A Registered Animal Details

Table A.1: Digital Registry Ledger

Sl. No	Microchip Number	Sex	Vaccination Status	Sterilization Status
1	900263008924481	F	Vaccinated	Spayed
2	900263008924482	F	Vaccinated	Spayed
3	900263008924483	F	Vaccinated	Spayed
4	900263008924489	F	Vaccinated	Spayed
5	900263008925061	F	Vaccinated	Spayed
6	900263008925062	F	Vaccinated	Spayed
7	900263008925063	M	Vaccinated	Neutered
8	900263008925064	M	Vaccinated	Neutered
9	900263008925065	M	Vaccinated	Neutered
10	900263008925066	F	Vaccinated	Spayed
11	900263008925067	F	Vaccinated	Spayed
12	900263008925068	F	Vaccinated	Spayed
13	900263008925069	M	Vaccinated	Neutered
14	900263008925070	F	Vaccinated	Spayed
15	900263008925071	M	Vaccinated	Neutered
16	900263008925072	M	Vaccinated	Neutered
17	900263008925073	F	Vaccinated	Spayed
18	900263008925074	F	Vaccinated	Spayed
19	900263008925075	M	Vaccinated	Neutered
20	900263008925076	F	Vaccinated	Spayed
21	900263008925077	F	Vaccinated	Spayed
22	900263008925078	M	Vaccinated	Neutered
23	900263008925079	F	Vaccinated	Spayed
24	900263008925080	F	Vaccinated	Spayed

B Microchip Implantation Activity



Figure B.1: Dr. Amardeep Singh implanting a microchip during the field implementation activity.





DATAPOWER TECHNOLOGIES PVT LTD
 Reaching Out to Animals - Mysore Municipal Corporation
 Certificate Provider

CERTIFICATE OF MICROCHIP IMPLANTATION

PERMANENT IDENTIFICATION NUMBER
900263008924483
This is to certify that the animal described in this certificate has been successfully administered with an identification microchip (Number: 900263008924483) provided by DPT on 29-05-2026.

ANIMAL DESCRIPTION

Name:	ANM69DD36F3	Species:	Dog
Breed:	Indian Pariah Dog	Gender / Color:	Female / Brown
Approx. DOB:	01 April 2022	Age:	4 years, 1 month

OWNERSHIP / MANAGEMENT DETAILS

Name:	Reaching Out to Animals - Mysore Municipal Corporation
Address:	Mysuru, Karnataka

MEDICAL ADMINISTRATION DETAILS

Implantation Date:	29 May 2026
Manufacturer:	DPT
Injection Site:	Left Shoulder
Batch Number:	20260415000025

ADMINISTRATION & PERFORMER DETAILS

Performed By:	Amardeep Singh (KVC Reg No 6935)	Role:	Veterinarian
Service Center:	Reaching Out to Animals (ROTA)		
Administered by Field Worker:	No		

AUTHORIZED AUTHORITY

Authority Name:	Reaching Out to Animals - Mysore Municipal Corporation
Service Center:	Reaching Out to Animals (ROTA)

DATE
30 May 2026
 PLACE
Mysuru, Karnataka

CERTIFIED BY
Dr. Amardeep Singh
 LICENSE NUMBER
KVC Reg No 6935

This is a computer generated certificate. Verification can be performed via the official portal.

Figure B.2: Certificate issued following microchip implantation and digital registration within the Shvan Suraksha platform.