

SHIVAN SURAKSHA

FIELD IMPLEMENTATION REPORT



Implemented by

Captains Animal Care Trust

Manipal, Karnataka

3 June 2026

FIELD DEPLOYMENT

Implementation Snapshot

Captains Animal Care Trust • June 2026

53

STRAY ANIMALS

53

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

Captains Animal Care Trust
Manipal • Karnataka • India

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1 Executive Summary

On 3 June 2026, DataPower Technologies Pvt. Ltd. conducted a field implementation activity of the **Shvan Suraksha Platform** at **Captains Animal Care Trust** in Manipal, Karnataka.

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 Captains Animal Care Trust, a total of **53 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. Abhinand K C

2.2 Captains Animal Care Trust

Captains Animal Care Trust, Manipal, facilitated the field implementation and provided access to animals undergoing Animal Birth Control procedures at their clinic.

2.3 Veterinary Team

The following veterinarian supervised and supported the implementation activity:

- Dr. Vijay Shankar Kamble

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 Captains Animal Care Trust 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 Captains Animal Care Trust

The DataPower team coordinated with Captains 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 **53 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 53 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

- 53 stray dogs digitally registered.
- 53 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 Captains Animal Care Trust 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 3 June 2026 at Captains Animal Care Trust, Manipal, successfully demonstrated the practical application of the Shvan Suraksha platform for humane and data-driven street dog management.

Through the registration of 53 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., Captains Animal Care Trust, 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 – Captains Animal Care Trust

Sl. No	Microchip Number	Sex	Color	Vaccination Status	Sterilization Status
1	900263008924484	M	Brown	Vaccinated	Neutered
2	900263008924485	F	Brown	Vaccinated	Spayed
3	900263008924486	M	Brown	Vaccinated	Neutered
4	900263008924487	F	Brown	Vaccinated	Spayed
5	900263008924488	M	White	Vaccinated	Neutered
6	900263008924490	F	Black	Vaccinated	Spayed
7	900263008924491	F	Black & White	Vaccinated	Spayed
8	900263008924492	F	Black & Brown	Vaccinated	Spayed
9	900263008924493	F	Brown	Vaccinated	Spayed
10	900263008924494	F	Black	Vaccinated	Spayed
11	900263008924495	M	Black	Vaccinated	Neutered
12	900263008924496	M	Brown	Vaccinated	Neutered
13	900263008924497	F	Brown & White	Vaccinated	Spayed
14	900263008924498	M	Brown & White	Vaccinated	Neutered
15	900263008924499	M	Black & White	Vaccinated	Neutered
16	900263008924500	M	Brown	Vaccinated	Neutered
17	900263008925681	M	Black & White	Vaccinated	Neutered
18	900263008925682	M	Brown	Vaccinated	Neutered
19	900263008925683	M	Black & White	Vaccinated	Neutered
20	900263008925684	M	Brown & White	Vaccinated	Neutered
21	900263008925685	F	Mixed	Vaccinated	Spayed
22	900263008925686	F	Brown	Vaccinated	Spayed
23	900263008925687	M	Brown	Vaccinated	Neutered
24	900263008925688	F	Brown & White	Vaccinated	Spayed

Table A.1: Digital Registry – Captains Animal Care Trust

Sl. No	Microchip Number	Sex	Color	Vaccination Status	Sterilization Status
25	900263008925691	F	Brown	Vaccinated	Spayed
26	900263008925692	M	Black & White	Vaccinated	Neutered
27	900263008925693	F	Black & White	Vaccinated	Spayed
28	900263008925694	F	Brown	Vaccinated	Spayed
29	900263008925695	F	Brown	Vaccinated	Spayed
30	900263008925697	F	Brown & White	Vaccinated	Spayed
31	900263008925698	F	Black	Vaccinated	Spayed
32	900263008925699	F	White	Vaccinated	Spayed
33	900263008925700	F	Black & White	Vaccinated	Spayed
34	900263008925761	M	Black & Brown	Vaccinated	Neutered
35	900263008925762	F	Black & White	Vaccinated	Spayed
36	900263008925763	F	Black	Vaccinated	Spayed
37	900263008925764	F	White	Vaccinated	Not Sterilized
38	900263008925765	F	Brown & White	Vaccinated	Spayed
39	900263008925766	F	Brown	Vaccinated	Spayed
40	900263008925767	M	Brown	Vaccinated	Neutered
41	900263008925768	F	Brown & White	Vaccinated	Spayed
42	900263008925769	F	Black	Vaccinated	Spayed
43	900263008925770	M	Brown	Vaccinated	Neutered
44	900263008925771	F	Brown & White	Vaccinated	Spayed
45	900263008925772	F	Brown	Vaccinated	Spayed
46	900263008925773	M	Brown & White	Vaccinated	Neutered
47	900263008925774	F	Black	Vaccinated	Spayed
48	900263008925775	F	Brown	Vaccinated	Spayed
49	900263008925776	F	Brown & White	Vaccinated	Spayed
50	900263008925777	F	Black & White	Vaccinated	Spayed
51	900263008925778	F	White	Vaccinated	Spayed

Table A.1: Digital Registry – Captains Animal Care Trust

Sl. No	Microchip Number	Sex	Color	Vaccination Status	Sterilization Status
52	900263008925779	M	Black & White	Vaccinated	Neutered
53	900263008925780	F	Brown & White	Vaccinated	Spayed

B Microchip Implantation Activity



Figure B.1: Dr. Vijay Shankar Kamble implanting a microchip during the field implementation activity at Captains Animal Care Trust.

		
DATAPOWER TECHNOLOGIES PVT LTD Captains Animal Care Trust Manipal (NGO) Animal Welfare Board of India Recognized Org		
CERTIFICATE OF MICROCHIP IMPLANTATION		
PERMANENT IDENTIFICATION NUMBER 900263008924484		
<i>This is to certify that the animal described in this certificate has been successfully administered with an identification microchip (Number: 900263008924484) provided by DPT on 03-06-2026.</i>		
ANIMAL DESCRIPTION		
Name:	Unnamed (ANME2B8B5CC)	Species: Dog
Breed:	Indian Pariah (Indie)	Gender / Color: Male / Brown
Approx. DOB:	01 June 2025	Age: 1 year
OWNERSHIP / MANAGEMENT DETAILS		
Name:	Captains Animal Care Trust Manipal AWBI NGO	
Address:	Udupi, Karnataka	
MEDICAL ADMINISTRATION DETAILS		
Implantation Date:	03 June 2026	Injection Site: Left Shoulder
Manufacturer:	DPT	Batch Number: 20260415000025
ADMINISTRATION & PERFORMER DETAILS		
Performed By:	Vijay Shankar Kamble (KVC Reg No 6379)	Veterinarian
Service Center:	Captains Animal Care Trust	
Administered by Field Worker:	No	
AUTHORIZED AUTHORITY		
Authority Name:	Captains Animal Care Trust Manipal (NGO)	
Service Center:	Captains Animal Care Trust	
DATE	03 June 2026	CERTIFIED BY Dr. Vijay Shankar Kamble
PLACE	Udupi, Karnataka	LICENSE NUMBER KVC Reg No 6379
This is a computer generated certificate. Verification can be performed via the official portal. Printed on: 04 June 2026		

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