

SVAMITVA SCHEME

An integrated property validation solution with Survey and Mapping, for rural India



State Department

Chuna marking

Maps received back from the state

Maps provided for inquiry

Property cards prepared and distributed

KPIs

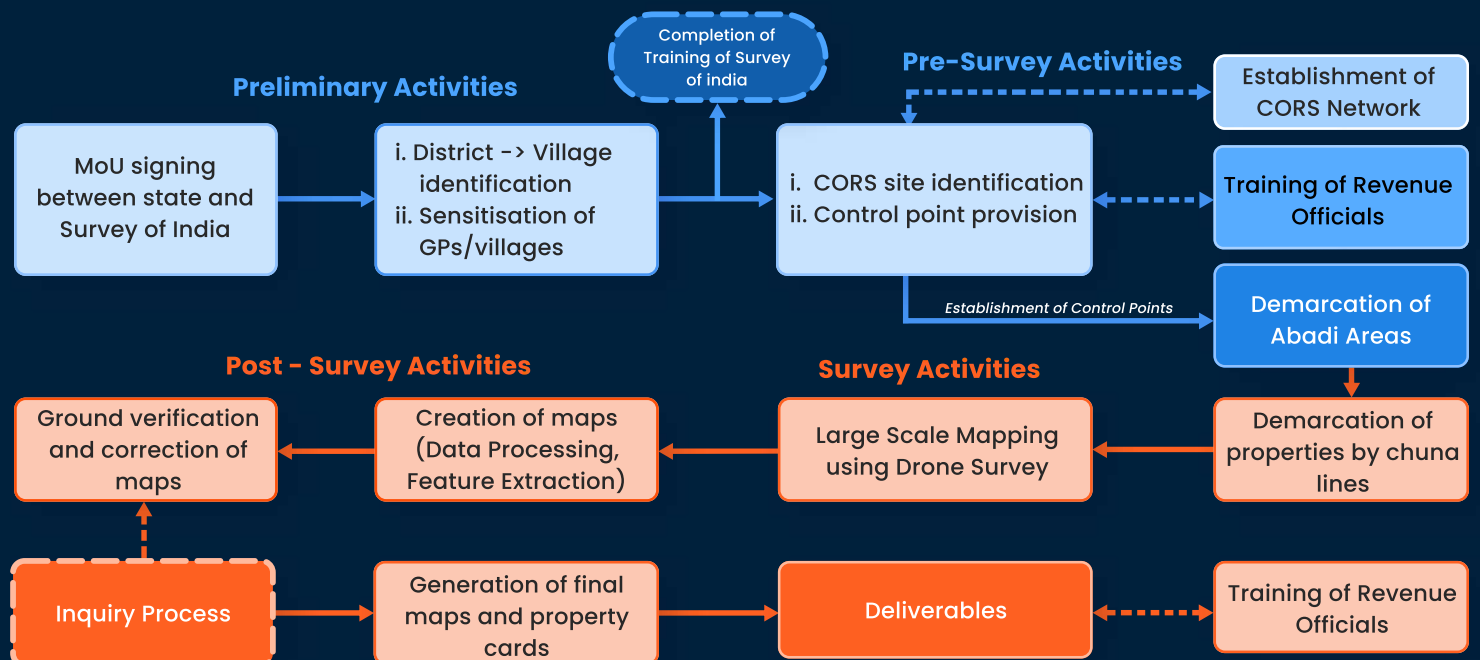
Survey of India

Drone flying

Feature extraction

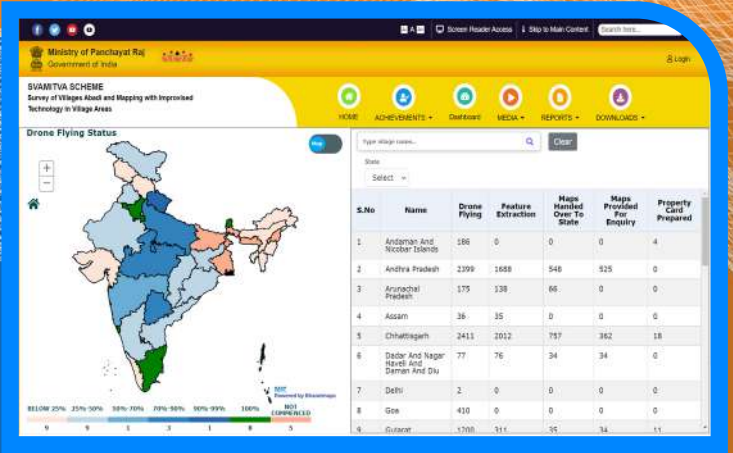
Maps handed over to state

- Real-time monitoring and reporting tool to track the progress of Scheme at different levels with flexibility to be adopted by states
- Auto-fetching of Survey data related activities from Survey of India system and integration of Property Cards data with state systems
- Provides ease of monitoring for all SVAMITVA related activities



Architecture Framework

- A – Service Oriented Architecture powered by Bharat Maps Administrative Spatial Layers
- B – Drone Data Integration covered Under SVAMITVA Scheme



Stakeholders

- Ministry of Panchayati Raj, Govt. of India (Nodal Ministry)
- Survey of India (Technology Implementation Agency)
- State Revenue Departments
- State Panchayati Raj Departments
- Local District Authorities
- Property Owners

Stakeholders

- Gram Panchayats (GP)
- National Informatics Centre (NIC) – Geo-Spatial Technology & Services Division
- Other line departments having assets in Rural inhabited areas (if any) for preparing comprehensive database

Technology Stack

- A – Java
- B – Spring MVC, Hibernate
- C – Apache Tomcat®
- D – Postgres Database

Target Users

- Ministry of Panchayati Raj
- All Central Ministries
- All Gram Panchayats
- State, District, Block Level Officials for Planning Purposes
- Citizens



ministryofpanchayatiraj



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