

UNICEF drives

# Health Technology Innovations in Assam

### LEGACY SYSTEMS CHALLENGES

Paper based system for monitoring / supervision has inherent challenges including errors in data collection, delay in collation, analysis and feedback



Parameter	Android Based	Paper Based
Forms Reusability	✓	✓
Low TCO (Total Cost Of Implementation)	✓	✓
Capture numeric, text data	✓	✓
Capture audio, visual data	✓	✓
Capture Geo-Coordinates	✓	✓
Pre validated fields, enforce skip Patterns	✓	✓
Easy storage and portability	✓	✓
Multiple back-ups for disaster recovery	✓	✓
Built-in constraints for completeness of survey	✓	✓
Legibility of data entry	✓	✓
Spatial Analysis	✓	✓
Transfer data to multiple formats	✓	✓



Data collection using android devices

80

The system is being utilized by more than 80 faculties across all 27 districts of Assam every month.

## COLLECT

### UNICEF'S INNOVATION

UNICEF Assam with SDRC used low- cost mobile technology to institute a real time monitoring system for RI and RMNCH+A.



## COLLATE & ANALYZE



All data is automatically pushed to a web server, the data is analyzed by server and displayed in form of a dashboard

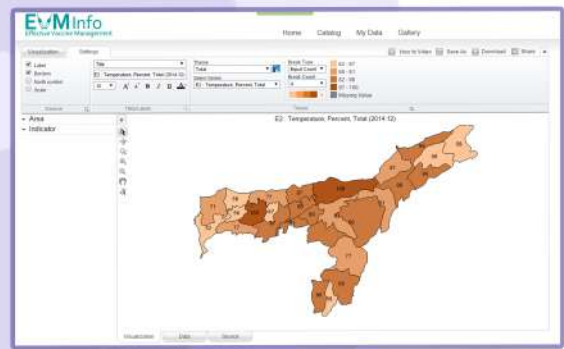
### Dashboard

<http://c2aindia.org/>



## SHARE

### DEVINFO ADAPTATION



The dashboard enables policy makers, programme managers in planning and decision making.