Presentations on Key State Initiatives under Digital India Program, Gujarat – DBT Platform

Date: 01st May 2019
Scholarship disbursement through Digital Gujarat Platform

- Digital Gujarat launched on 1st April, 2016.
- Includes Services (118 online/200+counter) of Department like Food, Civil Supplies & Consumer Affairs, Education, Revenue, Social Justice & Empowerment, Tribal Development and Information & Broadcasting
- In order to achieve the vision of cash less economy it was envisaged to move towards use of DBT (direct benefit transfer) scheme for directly crediting of scholarship students bank account.
- In continuation of above, we have identified ~63 such services (Pre & Post metrics) which are currently being running in manual mode.
- Following key activities were carried out as part of GPR:
  - Use of SSA (Sarva Shiksha Abhiyan) Database for Students and schools
  - Integration with PFMS (Public Financial Management System) to verify bank accounts
  - Use of AADHAAR to avoid duplication, DBT
  - Integration with IFMS (Integrated Financial Management System) & eKuber (Core Banking Solution of Reserve Bank of India) for Scholarship disbursement to students' bank account
Scholarship disbursement through Digital Gujarat Platform: Workflow

**Pre-Matric Workflow**

**Principal**
- **Digital Gujarat**
  1. Login to Digital.gujarat.gov.in
  2. Fetch students data from SSA
  3. Or enter students details
  4. Submit for Bank account verification

**After Account verification**
1. Account Verified - Submit Proposal
2. Name Mismatch – Consent
3. Invalid Account – Correct Account

**Create Proposal**
1. For verified account, create Proposal and submit to higher authority
2. For invalid bank account, correct bank details and again submit for account verification.

**Bank Account Verification**
- Bank account verification is done through PFMS by Central Team

**Concerned District Officials**
1. Verify the students details
2. Approve / reject the proposal
3. Create Bill.

**Treasury**
1. Receives in IFMS
2. Payment

**Students**
1. Receives Scholarship directly in Bank / Post office account.
2. Draft, in case of Dormant account.

**Post-Matric Workflow**

**Student**
- Fills application form in Digital Gujarat Portal

**Principal**
- Verification of application and student detail
  - Bank Account verification

**District Level Officers**
- Scrutiny of application and sanction of scholarship
- Submission of Bills to Treasury
- Receives Draft from District

**Treasury**
- Sanction of Bills
- Transfer of funds to Student’s Bank Account
- Receives Draft from Bank
## Scholarship Schemes – Challenges and Solution

<table>
<thead>
<tr>
<th>Challenges</th>
<th>Solution</th>
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<tbody>
<tr>
<td>Finalization of e-Forms</td>
<td>Multiple meetings with dept. officials</td>
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<tr>
<td>Student and Schools details</td>
<td>Fetched from SSA Database</td>
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<tr>
<td>Awareness and Involvement of</td>
<td>• Train to Trainer methodology for training to Principals, Govt Officer,</td>
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<tr>
<td>• More than 50 thousands Principals,</td>
<td>• Prepared User manuals, Videos, etc.</td>
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<td>• ~65 Lacs Students and</td>
<td>• TV broadcast through BISAG</td>
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<tr>
<td>• More than 150 District Govt Officers</td>
<td>• Call center for feedback and grievances</td>
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<tr>
<td>Bank Account verification</td>
<td>NPCI, SBI bank &amp; PFMS Service</td>
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<tr>
<td>Successful &amp; timely Implementation</td>
<td>Weekly Review meetings</td>
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<tr>
<td>Scholarship disbursement into Post Office Accounts</td>
<td>Single cheque issued to Post offices for further disbursement into student’s account</td>
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<td>Duplication in Applications</td>
<td>Use of Aadhaar</td>
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Scholarship Schemes – Impact and Outcome

**Impact**

1. Direct payment to students’ bank account
2. Paperless workflow
3. Easy to monitor at each level (MIS Reports)
4. Avoid Duplication
5. Save Resources (Time, Cost, Paper, Logistics, etc.)

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<tr>
<th>Out Comes</th>
<th>2017-18</th>
<th>2018-19</th>
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<tbody>
<tr>
<td>No of students</td>
<td>~ 65 Lacs</td>
<td>~ 64 Lacs</td>
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<tr>
<td>Scholarship disbursed</td>
<td>~ 1314 Crores</td>
<td>~ 1303 Crores</td>
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### Digital Gujarat - Statistics

<table>
<thead>
<tr>
<th>Leveraged DBT platform in AGRICULTURE SECTOR</th>
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<tbody>
<tr>
<td>Pradhan Mantri Kisan Samman Nidhi Scheme</td>
<td>Entry of ~37 lacs beneficiaries within 10 days:</td>
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<td>• through 13000 eGram centres</td>
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<td></td>
<td>• Verified by Talati</td>
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<td></td>
<td>• Trainings through TV broadcast (BISAG)</td>
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<td></td>
<td>• 24 hrs helpline</td>
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<td>~INR 567 Crores successfully disbursed to ~28 lacs farmers.</td>
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<th>EDUCATION SECTOR</th>
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<tr>
<td>Scholarship Schemes</td>
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<td>NAMO Tablet Scheme</td>
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<td>Govt Hostel Admissions</td>
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<th>DIGILOCKER INTEGRATION</th>
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<td>Uploaded Documents</td>
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**Seva Setu Program:** "प्रशासन आपके द्वार"

| Application processed | Rural = 147 Crores ; Urban = 19.60 Crores |
THANK YOU
Presentation on State-wide Surveillance Systems
Need for State-wide Approach?

Why state-wide approach is required?

- Multiple Surveillance projects and thus risk of silos
- Lack of Standardization
- Non Sharing of information
- Difficulty in Coordination of real time response
- Higher Cost due to procurement of similar systems in Silos
High Level Connectivity Diagram

- City3
- City2
- City1
- District2 HQ
- District1 HQ
- District3 HQ
- State HQ
- GSWAN Backbone
- Video Wall
- Server Farm
- Storage
- Camera
State-wide Surveillance Systems- Approach

A Hybrid Model has been adopted for State wide surveillance system, further below are the key components of the State wide surveillance system:

- **Centralized Components (Software components):**
  - **Policies & Guidelines:** Common Guideline, policies and framework for the Surveillance systems across different cities in the state of Gujarat
  - **IT Infra Systems:** Software Components and associated hardware which has been deployed at the core level:
    - Integrated Command & Control Center (CCC)
    - Video Management System
    - Video Analytics
    - Traffic Management Applications (ANPR, RLVD, Speed Detection, e-Challan etc.)

- **Decentralized Components:** City wide infrastructure such as:
  - City Wide Command and control center
  - Network Connectivity
  - Storage
  - Intelligent Traffic Management System
City Surveillance and Area Traffic Control System

- **ANPR**: ~ Automatic Number Plate detections System for surveillance and identification of vehicle at the city’s entry and exit points, major traffic junctions.

- **RLVD**: ~ City wide coverage of major junctions/ cross roads for automatic identification and capture of Red Light Violations for any Two/Four Wheeler.

- **Speed Violation Detection** ~ For identification and capture of any two wheeler/four wheeler violating the speed limits.

- **e-Challan System** ~ Auto/electronic generation of Challan’s for Traffic Violations in accordance to the Motor Vehicle Rule 1989, State/Central

- **Automatic Object Tracking System** ~ Tourist Locations for automatic object tracking including Face Recognition, unattended Vehicle/Object Identification.

- **Video Analytics System** ~ Capable to analyze all Video Footages through all camera’s and do a search based on structured Attributes of the person/vehicle