Leveraging Technology for e-Governance

CM Office Real-time Executive Dashboard

ITE&C Department, Government of Andhra Pradesh
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CORE Dashboard enables:
- Data-led decision making
- Proactive governance
- Monitoring of KPIs
- Ability to track progress of Department’s and schemes real-time

It simplifies complex data sets to provide users an easy to understand snapshot, of current performance through data visualization.
Why was CORE Dashboard needed?

Traditional review meetings suffered from certain deficiencies like, loss of time in data collection and report preparation leading to inefficiencies in Government functioning.

Data gathering at field levels
Consolidating data into reports
Review by HOD
Dept. preparation for Hon’ble CM review meeting
Review by Honorable CM

1. Prone to human error
2. Static data - always past data
3. Lack of transparency and at departments discretion
4. Multiple iterations in reports
5. Time consuming activity

Reviews in person resulting in extensive traveling

Therefore, there was a need for a much more efficient system which facilitated

Real time accurate data anytime, anywhere...
CORE Dashboard – Inculcating Industry 4.0

Real time data collection

Real time analytics and communication of actionable point

Real time reporting of action taken

Predictive analysis

Shifting gears towards Intuitive Governance

10 Lac IoT Devices

Across 33 Department

Built in Analytics

Across areas such as

Energy

Education

Health

Social Security

Agriculture

Police
What did CORE dashboard change?

Introduction of CORE Dashboard saw an increase in **virtual review meetings** with **complete data transparency** enabling effective decision making.

1. Data gathering at field levels using >10 lakh IoT devices
2. Fetching data from databases through web services
3. Integration with CORE Dashboard
4. Departments/ Districts Participating through VC
5. Review by Hon’ble CM over VC

**Automated**

- Dynamic/real time Data
- Use of IoT eliminates manual intervention
- Transparency – no incorrect information
- Actionable outcomes
- Data Sharing with all departments
- Efficient Decision making basis accurate data
CORE Dashboard - Features

Know what you want - With just one click!

1. All departments at a glance
2. KPIs Categorized into Scheme & Situations
3. Dynamic data update
4. Filtering & drill down
5. Automatic generation of SMS Alerts
6. Multi Star Rating Rules
7. Ranking of Districts
8. District, Constituency Dashboard
9. CM Instructions & ATR report
10. Mobile App, Feedback form
- Integrated 17 KPIs of 12 departments
- Portal available to public, September 2014

- Integrated 90 KPI of 33 Depts
- Categorized KPIs as Schemes, situational reports
- Drill down approach upto operational / beneficiary level
- Automatic SMS Alerts to higher officials

- Integrated 150 KPIs of 33 departments
- Introduced new look & feel
- Implemented Multi-Star Ratings rules
- Ranking of Districts

- Integrated 220 KPI of 33 departments
- Introduced new look & feel
- Citizen Feedback mechanism
- CM Instruction & ATR Report
- Introduced District, Constituency Dashboard
Project monitoring for transmission lines

**Today's Progress**

- **No.** Km
- 1: 3.84
- 2: 2
- 3: 6
- 4: 2
- 5: 5

**Reported Zero Progress**

- **Projects**
- 1: 9
- 2: 2

**Issue Chart**

- RoW
- Clearance
- Resources
- Others

**Projects – 51 Nos.**

**STAGE-WISE ACHIEVED VS BALANCE**

- **Check Survey**
  - Completed: 0%
  - Balance: 100%

- **Tower Foundation**
  - Completed: 78%
  - Balance: 22%

- **Stringing**
  - Completed: 69%
  - Balance: 31%

**KMS OF TRANSMISSION LINE ELECTRIFIED**

- **Tower Erections**
  - Completed: 85%
  - Balance: 15%

- **220 kV**
  - Completed: 73%
  - Balance: 27%

- **400 kV**
  - Completed: 77%
  - Balance: 23%

- **132 kV**
  - Completed: 85%
  - Balance: 15%
Use Case - Power

**SAP Implementation**
- AP Power Sector has implemented following modules of SAP
  - HCM
  - Finance & Control
  - Material Management
  - Project Systems
  - Plant Maintenance
  - Master Data Management
  - Business Intelligence & Enterprise Portal
  - SAP HANA

**Central Billing System (CBS)**
- An in-house application developed for automation of billing collection services
- Billing activities of all AP electricity consumers are carried out through this application.
- This application is integrated with all Online Revenue collection Counters, CSC, MATS.

**GIS**
- Consumer indexing and asset mapping done using Arc GIS to improve operational efficiency
Use Case – Civil Supplies

Civil Supplies – Biometric authentication and Aadhaar Linkage in Public Distribution System

1. Real Time Data gathering at field levels
2. Alerts are generated automatically
3. Alerts are transferred to the CSDT/VRO/Dealer grp in Kaizala
4. CSDT/Dealer/VRO takes action and reports in Kaizala. Same is monitored through Kaizala Dashboard
5. Preemptive action can be taken based on historical data.

Ration is supplied through biometric authentication
Authentication linked with Aadhaar database
Weight scale linked to POS and receipt is generated
Allocated quota of ration to each fair price shop
Monthly replenishments are done based on closing stock
Discrepancies are flagged at CORE Dashboard
Thank you

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