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Integrated Financial Management System (IFMS)

IFMS

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IFMS (Integrated Financial Management System) is at the core of all the ICT initiatives undertaken by Finance Department which encompasses all the functions of all the HoDs of Finance Department except Directorate of Insurance and Commissionerate of Commercial Tax. IFMS is integrated with the functions of these HoDs as well as with other department's system to provide Finance Department an integrated view of the state financial position in a real time manner.

IFMS has been implemented in Finance Department, Secretariat (Gandhinagar), Directorate of Pension and Provident Fund (Gandhinagar), Treasury Offices (25 district offices) and Local Fund offices (7 offices). The same solution is going to be replicated in all sub-treasury offices.

Overall the IFMS is going to be implemented in around 225 offices.

Courtesy By

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Situation before the Initiative:

Finance Department forms the lifeline to the functioning of the entire State Government. It is very essential for the Finance Department to effectively manage the Budget, Expenditure & Revenue and to provide required support to the other Departments of the State Government. Finance Department was mostly depending on manual operations which were causing a lot of delay in getting right information at right time. The major issues faced by the Finance Department were:

- Inability to monitor and control budget distribution & expenditure
- Significant time and efforts required for processing and tracking expenditure & receipt
- Long and tedious process for pension payment and employee specific process like pay fixation
- Multiple level verification for control of expenditure
- Data being maintained in multiple application systems and no decision support system
- Lack of integration with external agencies like Banks, Reserve Bank of India, Accountant General Office.

All these issues resulted into time lag between transaction execution & reflection of the same in state accounts and non-availability of consolidated information for decision making.

Strategy Adopted:

Finance Department, Government of Gujarat decided to implement Integrated Financial Management System (IFMS) which is an integrated solution for the management of public financial resources. Finance Department adopted a two pronged strategy for smooth implementation of the project covering following two aspects.

- High level IT committee for resolving policy level bottlenecks, guiding the team for achieving the project objectives and overall monitoring of the project
- Operational committee headed by Directorate of Accounts and Treasuries for resolving all operational issues, day to day monitoring of the project activities, working closely with TCS team (TCS is the selected partner for IFMS) for addressing all project related issues

It is important to have common understanding of the system before implementation because of the skill levels of computers and on different processes at various levels of hierarchy. Also, the drive and motivation of the officer heading the particular department would really boost the implementation and ensure that the activities are completed on time and IFMS rollout exercise is faster.

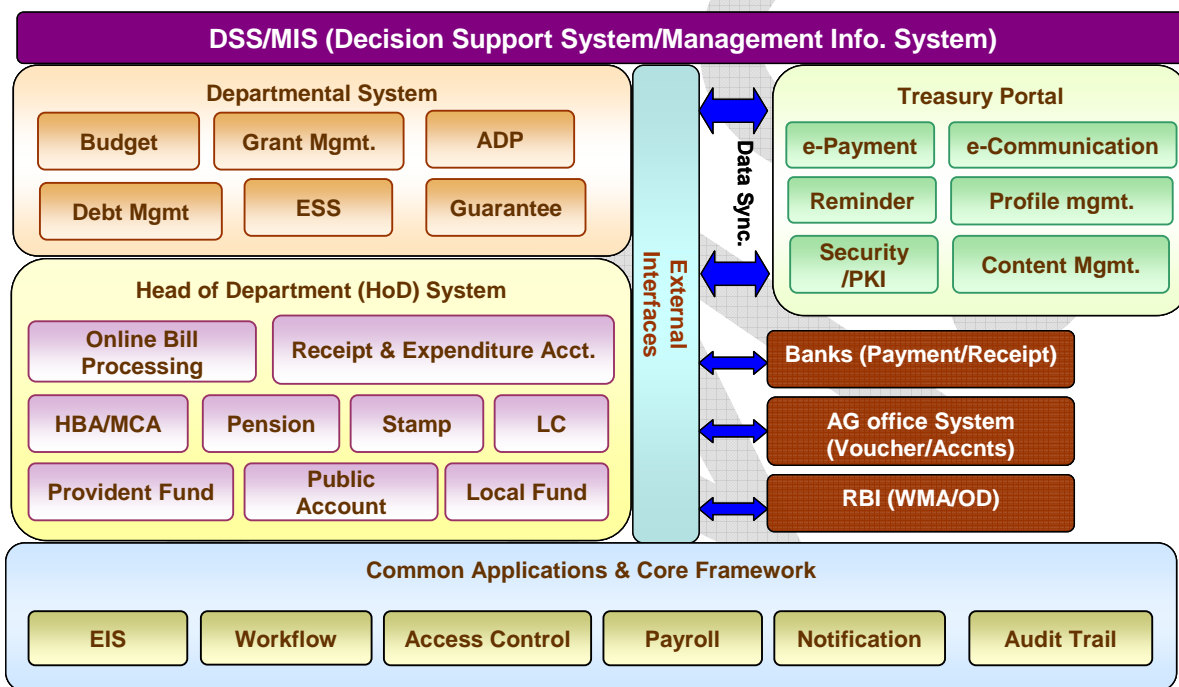
Following methodology for implementation was adopted.

- Pilot implementation in one of the big treasury offices for ensuring that system meets the user requirements in terms of functionalities and user friendliness.

- Proper UAT (User Acceptance Testing) was carried out before implementing IFMS
- Rollout the applications in a phased manner in all project locations
- Ensure that all the Users are trained in time to start working on the IFMS
- Ensure that Infrastructure is in place before the IFMS is rolled out

Introduction about IFMS:

IFMS integrates the major functions carried out by Finance Department, Directorate of Accounts and Treasuries, Directorate of Pension and Provident Fund, Local Fund, Treasuries and Sub Treasury offices spread across the state.



Integrated Financial Management System (IFMS) is a tool which will provide:

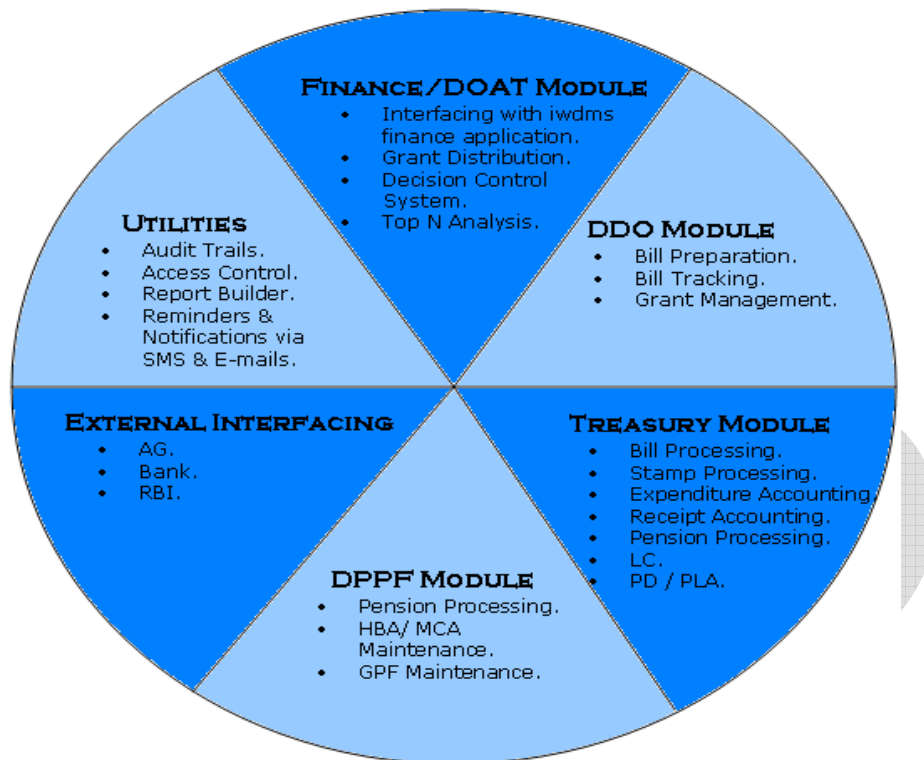
- Real time financial position of the State by on-line updation and consolidation of Receipts and Expenditures. This will facilitate
 - Efficient management of funds,
 - Monitoring and controlling government liabilities
 - Monitoring ways and means position
- Long-term integrated solution for carrying out functions like
 - Budget preparation, grant distribution and expenditure tracking,
 - Treasury functions,

- Pension functions,
- Interfacing with AG, RBI, Bank,
- Cyber Treasury,
- MIS /Decision Support System,
- Debt Management

Objectives of IFMS:

1. Effective and efficient monitoring and control of state revenue and expenditure
 - i. By efficient management of funds
 - ii. By monitoring and controlling government liabilities
 - iii. By monitoring wage and means position
2. Real time financial position of state finances by on-line updation and consolidation of Receipts & Payments
3. Automated consolidation and aggregation of data hence more time for value added analysis
4. Automated accounts generation of the state
5. Interfacing with Banks, AG Office, Tax System for data/information exchange
6. Facilitate DDOs to track their budget allotment, payments and expenses
7. Online Tax Payment Facility for VAT and other Taxes for Citizens
8. Single sign on through Portal
9. Workflow automation
10. Faster turn-around of treasury transactions,
11. Avoid duplication of work.

IFMS Modules



Features:

- Online checking of Grant during Bill processing
- Integrated solution which tracks budget, grant released and actual expenditure
- Online payment of taxes (Real-time accounting of State Receipts)
- Database consistency maintained with Centralized RDBMS
- Data entry at source only
- Online consolidation of accounts
- Real-time consolidation of sub-treasury accounts with Treasury accounts
- No need for manual data transfer as it is centralized system with online consolidation of data of all offices
- Web based system with centralized architecture
 - Reduced maintenance
 - Centralized back-up
 - Enhanced security using Digital signature
- Based on open standard and centralized web-based architecture
 - Interoperable across different systems and can scale horizontally and vertically as per requirement
 - Easy to customize
 - Web-based solution

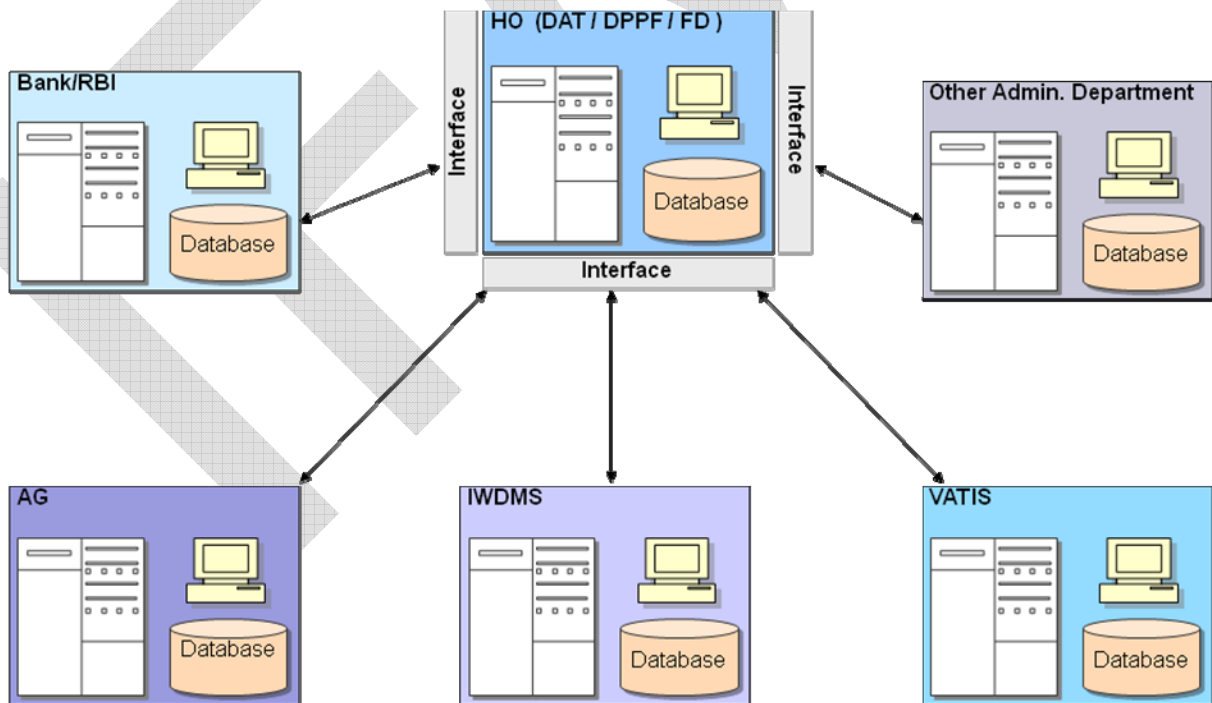
Technology Used:

IFMS application used JAVA/J2EE, spring, Hibernate, My SQL DB, Oracle Db, Apache-Tomcat Server, SunONE AS technologies and Eclipse IDE, VSS tools.

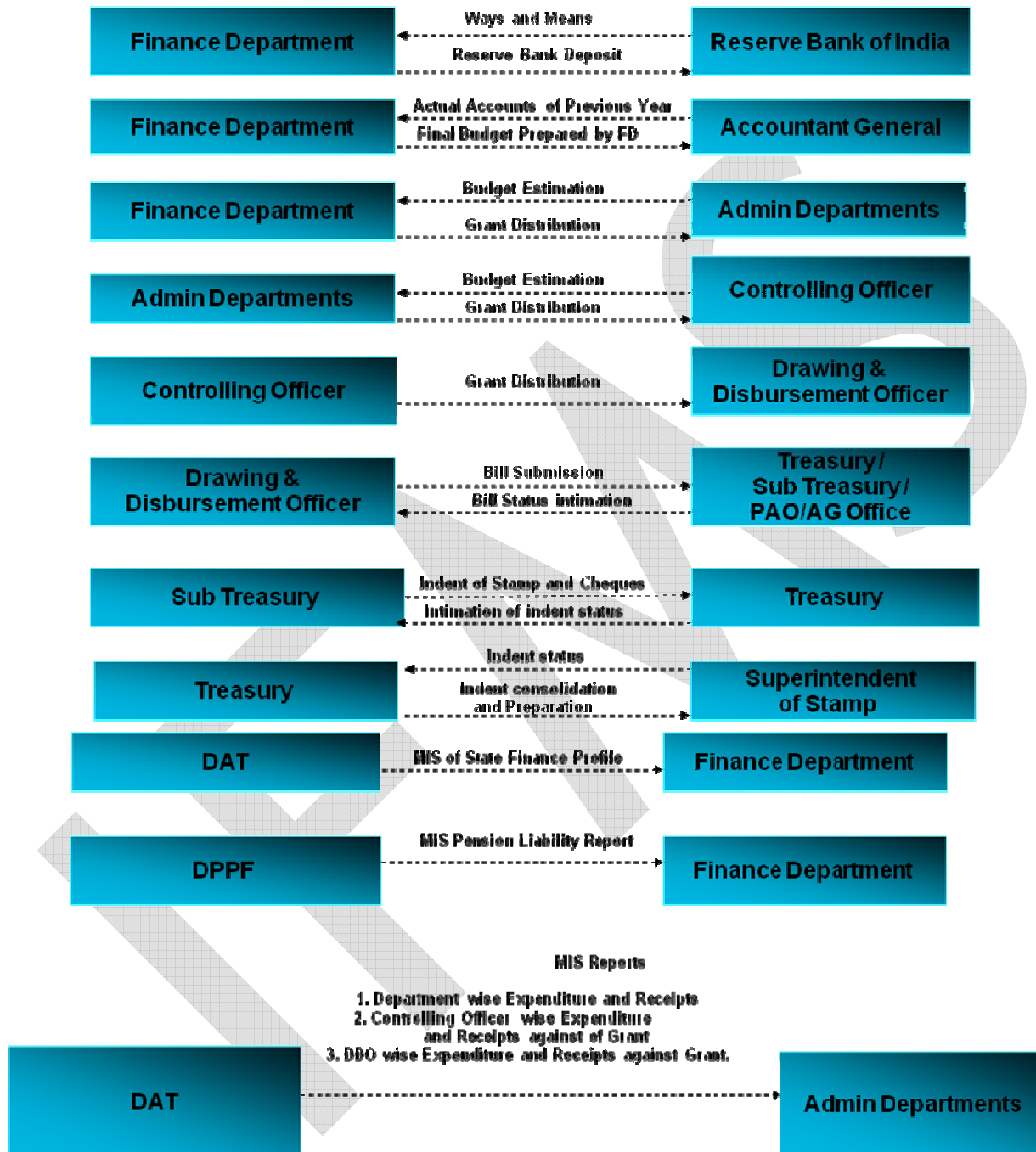
Technical Benefits:

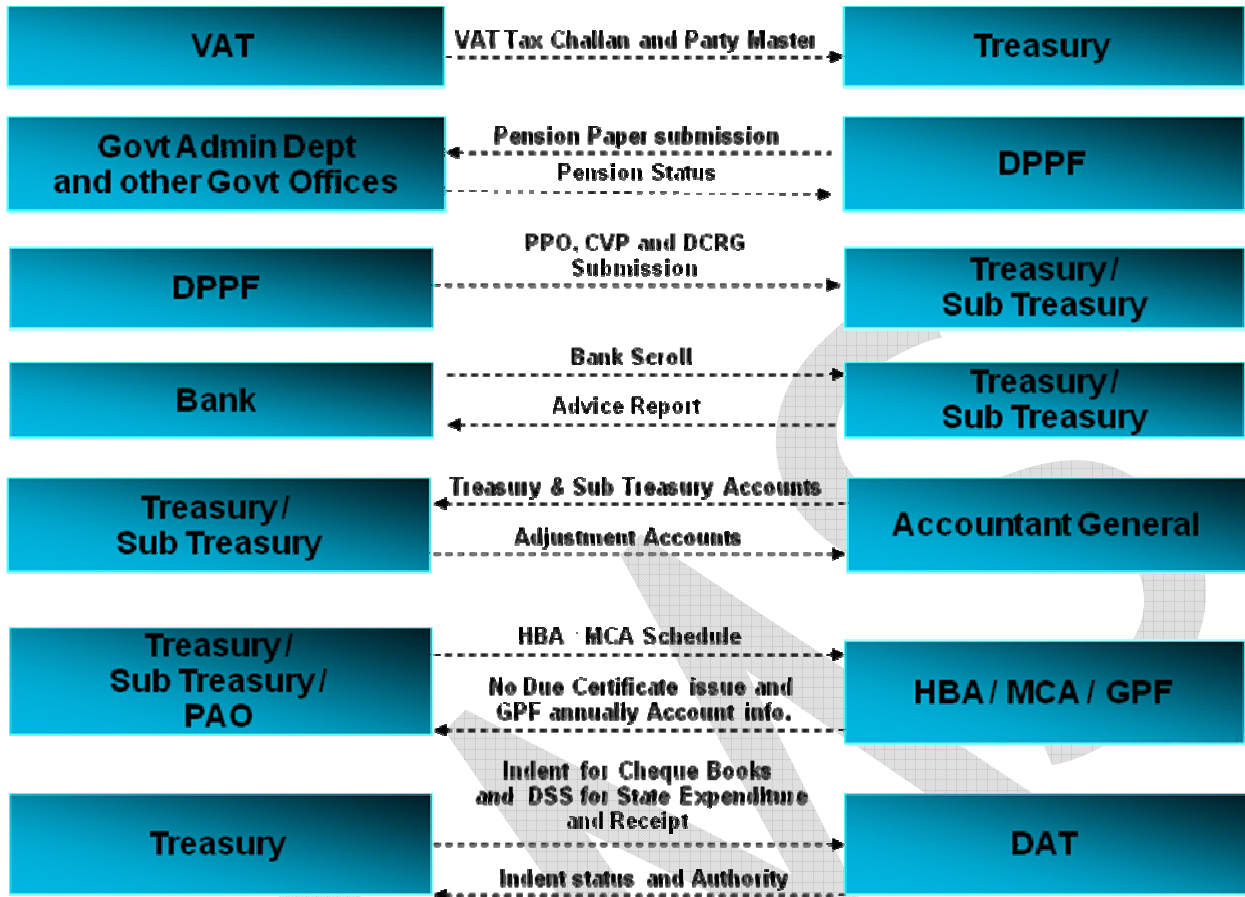
- Solution developed based on the open standards - J2EE which provides better performance, reliability, security, and scalability
- Solution is platform and database independent
- Layered security control and services covering identification, authentication, authorization, administration and audit
- Readily available information with 24x7 access
- Highly scalable to any number of users with sufficient hardware resources
- Flexible Architecture allowing phased and modular deployment (integrated yet can be de-coupled/modular)

IFMS Interfaces:

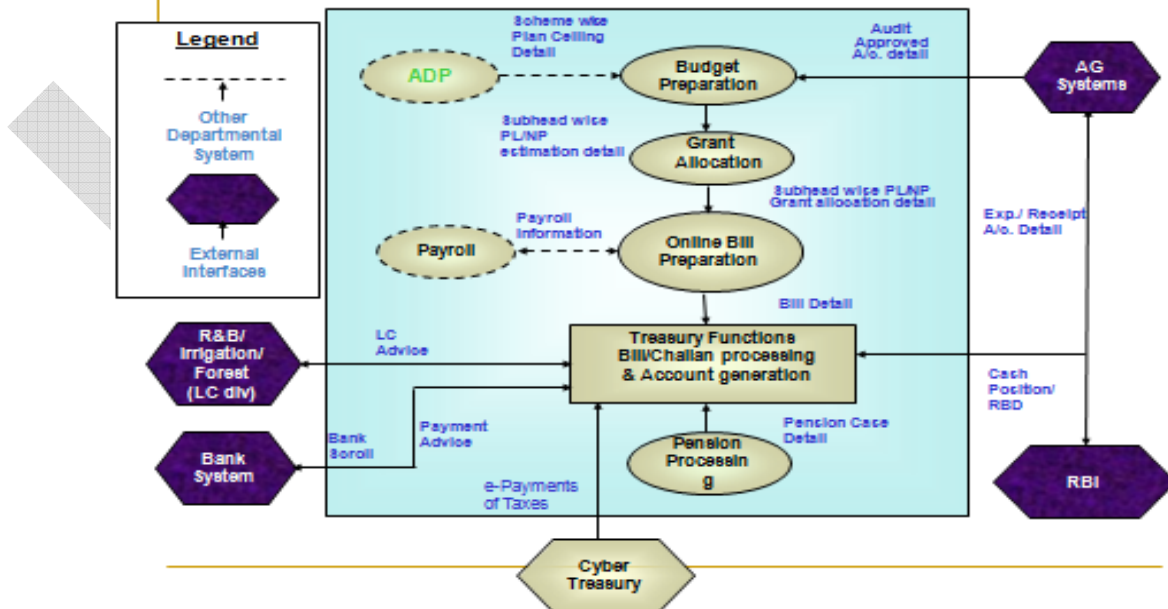


IFMS Interface and Integration





Process Flow-IFMS



Application Benefits:

1. Real time financial position of state finances by on-line updation and consolidation of Receipts & Payments
2. Single Treasury solution resulting into transparent & consistent view of all treasuries across the state
3. Decision Support System & exhaustive MIS for FD, DAT, DPPF, DDO
4. Context sensitive helps and guided workflows require little or no training to new employees
5. One time data capture/entry at source
6. Effective and improved delivery of services to citizens
7. Multiple delivery channels (like internet, intranet, SMS, email) capable solution
8. All Administrative Departments will be able to :
 - a. Track total expenditure incurred at a given point of time against estimated budget and total Grant allocated for that period
 - b. Track and Monitor Plan / Non Plan Expenditure respectively
 - c. Track and Monitor Centrally Sponsored Scheme details
 - d. Monitor Major Head wise and Scheme wise details of Plan/Non Plan Expenditures
 - e. Get total grant utilization report (Department wise Used/Unused grant)
 - f. Monitor Controlling Officer (CO) and Drawing and Disbursement Officer (DDO) wise Grant utilization and Expenditure details

Impact of the project:

- Real time information of expenditure, revenue, investments, available funds and government liabilities
- Reduction in float/effective utilization of funds
- Early identification of expenditure on scheme and scheme performance monitoring
- Monitoring % utilization of CSS, TASP, SCP and PWD and state plan allocations/budgets
- Fiscal discipline and improved decision making (opportunities for re-appropriation of funds-linking release with expenditure)
- Saving in time and effort for compilation and printing of plan and non-plan budget books

- Reduction in errata as aggregation and extracts/reports generated by system and all values are linked
- Soft copy of budget provided to AG and all stakeholders
 - Budget and accounting head mismatches eliminated between AG and state
 - Savings in communication and paper work
 - Easy search and retrieval
 - Savings in data entry time of AG office and
 - Removal of discrepancies/reconciliation

Screen Shots:



INTEGRATED FINANCIAL MANAGEMENT SYSTEM

FINANCE DEPARTMENT
GOVT. OF GUJARAT

સત્યમેવ જયતે

User Name

Password

Use Virtual Keyboard 

Language Gujarati English

[Forgot Password ?](#)

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e Governance News

Web Ratna Awards 2009



Honorable Minister Thiru A. Raja addressing the occasion

National Informatics Centre has instituted Web Ratna Awards to acknowledge the exemplary initiatives in e-Governance using the medium of World Wide Web. Different categories in Web Ratna Awards touch upon different aspect of e-Governance right from web presence to delivery of citizen services to public participation and innovations in use of technology.

These awards were conferred by Thiru A. Raja, the Hon'ble Union Minister of Communications & Information Technology, in the presence of Shri Sachin Pilot, the Hon'ble Minister of State for Communications & Information Technology. An exclusive award presentation ceremony held on 19th April 2010 at Hall No. 6, Vigyan Bhawan, New Delhi.



WEB RATNA'09
SILVER ICON

The Gujarat Tourism's website has been awarded the 'Silver Icon' in the Web Ratna awards for 2009, instituted by the Department of Information Technology of the Government of India.

The website, www.gujarattourism.com, won the first ever Web Ratna award in the web content category from among 274 shortlisted sites nominated from a total 6,000 Government sites across India.

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