

Finance Department

Government of Gujarat

Agenda

- ❖ What is IFMS
- ❖ Drawbacks of Existing Systems
- ❖ How IFMS addresses issues
- ❖ Problems Faced
- ❖ Approach & Methodology
- ❖ Stakeholders
- ❖ IFMS Process Flow
- ❖ Key Features / Benefits
- ❖ Current Status & Perspective Plan

What is IFMS

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

- Real time financial position of state by on-line updation and consolidation of Receipts and Expenditures
- Long-term integrated solution for carrying out functions like
 - Planning and Budgeting
 - Treasury functions,
 - Pension & Provident Fund
 - Interfacing with AG, RBI, Bank,
 - Cyber Treasury
- Support for
 - Adequate management reporting & policy decisions
 - Multiple delivery channels (like internet, intranet, SMS, email)
 - PKI enablement of transaction for enhanced security
 - Seamless exchange of data with legacy systems

Provides Real time Financial Position

29 June 2009



Drawback of Existing System

- Manual verification of Grant
- Unable to track expenditure against grant released and budget estimate
- Delay in Accounting of State Receipts
- Inconsistent Data
- Data entry at multiple level
- Offline consolidation of accounts at DAT level
- Delayed consolidation of sub-treasury accounts in Treasury accounts
- Data Transfer using media which is prone to data corruption



Drawback of Existing System_(Contd.)

- Client-Server based system (Obsolete technology)
 - Maintenance support at multiple locations for software and hardware
 - Back up mechanisms are locally driven and are at variance
 - Data security is an issue and difficult to maintain versions
- Solution is not based on open standard and architecture
 - Interoperability, Support and Scalability is major bottleneck
 - Increased customization effort and difficult to migrate to web based solution

How IFMS addresses issues

Drawbacks	IFMS Feature
Manual verification of Grant during expenditure	Online checking of Grant during Bill processing
Unable to track expenditure against grant released and budget estimate	Integrated solution which tracks budget, grant released and actual expenditure
Delay in Accounting of State Receipts (Tax/Non-Tax)	Online payment of taxes (Real-time accounting of State Receipts)
Inconsistent Data	Database consistency maintained with Centralized RDBMS
Data entry at multiple level	Data entry at source only
Offline consolidation of accounts at DAT level	Online consolidation of accounts
Delayed consolidation of sub-treasury accounts in Treasury accounts	Real-time consolidation of sub-treasury accounts with Treasury accounts
Data Transfer using media which is prone to data corruption	No need for manual data transfer as it is centralized system with online consolidation of data of all offices



How IFMS addresses issues (Contd.)

Drawbacks	IFMS Feature
<p>Client-Server based system (Obsolete technology)</p> <ul style="list-style-type: none">■ Maintenance support at multiple locations for software and hardware■ Back up mechanisms are locally driven and are at variance■ Data security is an issue and difficult to maintain versions	<p>Web based system with centralized architecture</p> <ul style="list-style-type: none">■ Reduced maintenance■ Centralized back-up■ Enhanced security using Digital signature
<p>Solution is not based on open standard and architecture</p> <ul style="list-style-type: none">■ Interoperability, Support and Scalability is major bottleneck■ Increased customization effort and difficult to migrate to web based solution	<p>Based on open standard and centralized web-based architecture</p> <ul style="list-style-type: none">■ Interoperable across different systems and can scale horizontally and vertically as per requirement■ Easy to customize■ Web-based solution



Problems Faced

- Data Migration
 - Inconsistent data
 - Multiple Discrepancies in data
 - Discrepancies in the mapping of codes (EDP/Scheme/Budget)
- Connectivity
 - Bandwidth Issue
- Change Management
- Training



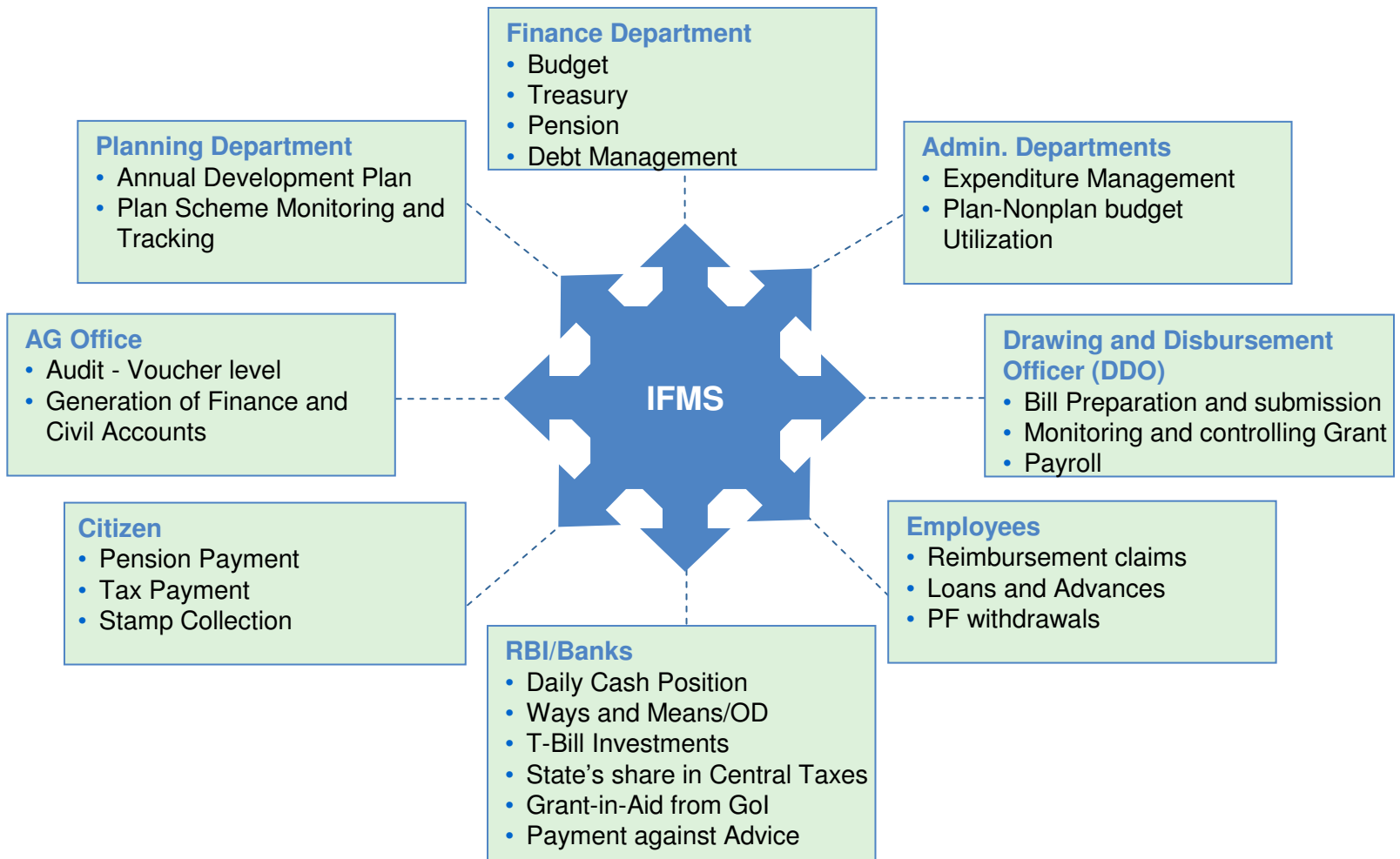
Approach & Methodology

- Formation of project management committee
- Gap Analysis
- System Requirements Study
- System Design
- Development of the application
- User Acceptance of all the modules
- Data Migration from existing system
- Training to users of pilot sites
- Implementation in Pilot sites
- Training to all users
- Roll-out to all Treasury and Sub-treasury offices
- Hand-holding support
- Warranty and Maintenance support

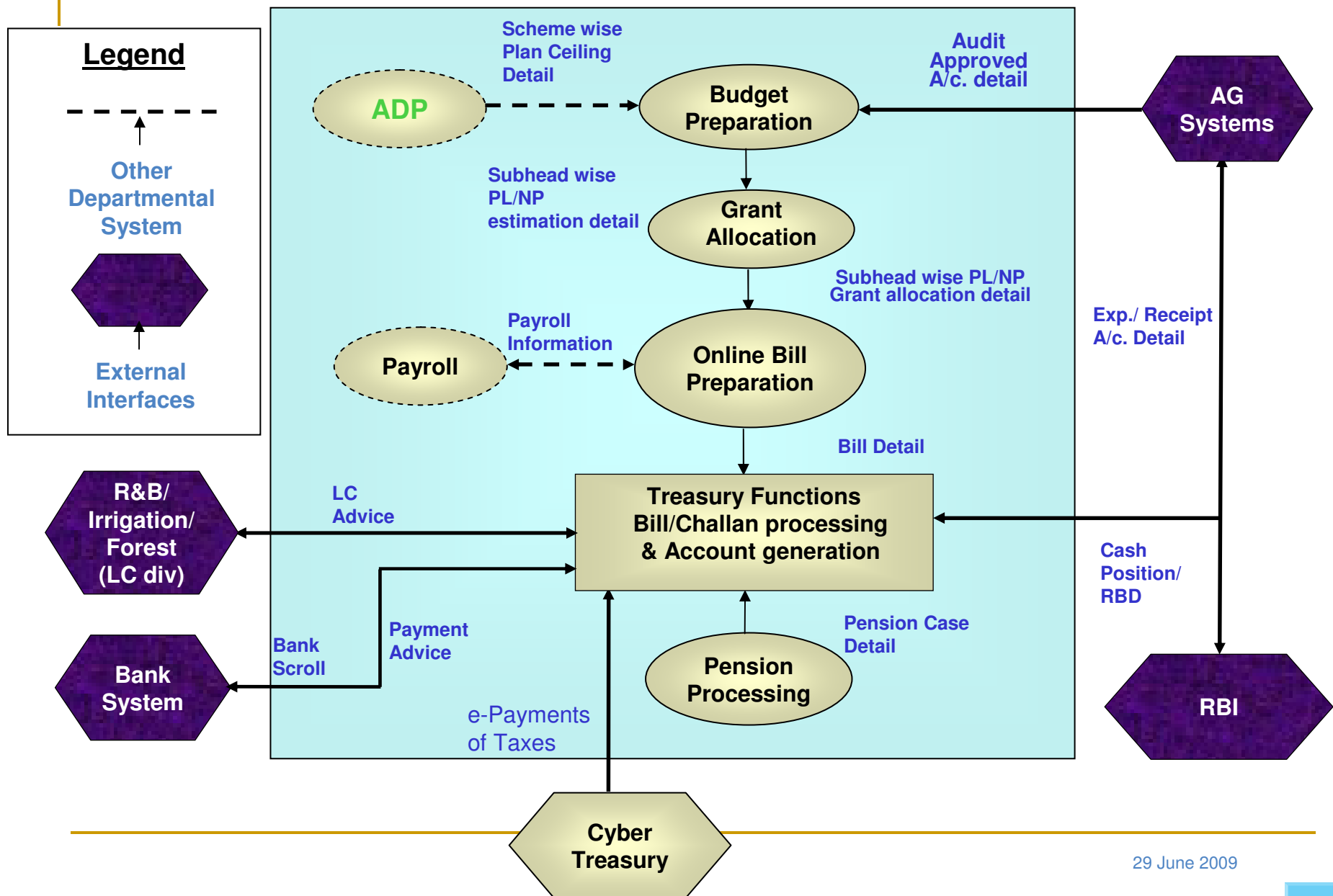
The committee meets regularly to discuss the operational issues, reviews progress of the project and tries to resolve all issues in a cohesive manner.



Stakeholders-IFMS



Process Flow-IFMS



29 June 2009



Key Features / Benefits

- **Real time financial position of state finances by on-line updation and consolidation of Receipts & Payments**
- **Single Treasury solution resulting into transparent & consistent view of all treasuries across the state**
- **Decision Support System & exhaustive MIS for FD, DAT, DPPF, DDO**
- **Context sensitive helps and guided workflows require little or no training to new employees**
- **One time data capture/entry at source**
- **Effective and improved delivery of services to citizens**
- **Multiple delivery channels (like internet, intranet, SMS, email) capable solution**



Key Features / Benefits (Contd.)

- **All Administrative Departments will be able to :**
 - Track total expenditure incurred at a given point of time against estimated budget and total Grant allocated for that period
 - Track and Monitor Plan / Non Plan Expenditure respectively
 - Track and Monitor Centrally Sponsored Scheme details
 - Monitor Major Head wise and Scheme wise details of Plan/Non Plan Expenditures
 - Get total grant utilization report (Department wise Used/Unused grant)
 - Monitor Controlling Officer (CO) and Drawing and Disbursement Officer (DDO) wise Grant utilization and Expenditure details
- **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)



Current Status & Perspective Plan

Framework	Current Status	Next Step
IFMS	Successfully implemented in Ahmedabad Treasury & Pension Payment Office, Ahmedabad	Roll-out of IFMS across all treasuries/sub-treasuries Implementing Cyber Treasury



Thank you