



सत्यमेव जयते
गुजरात सरकार

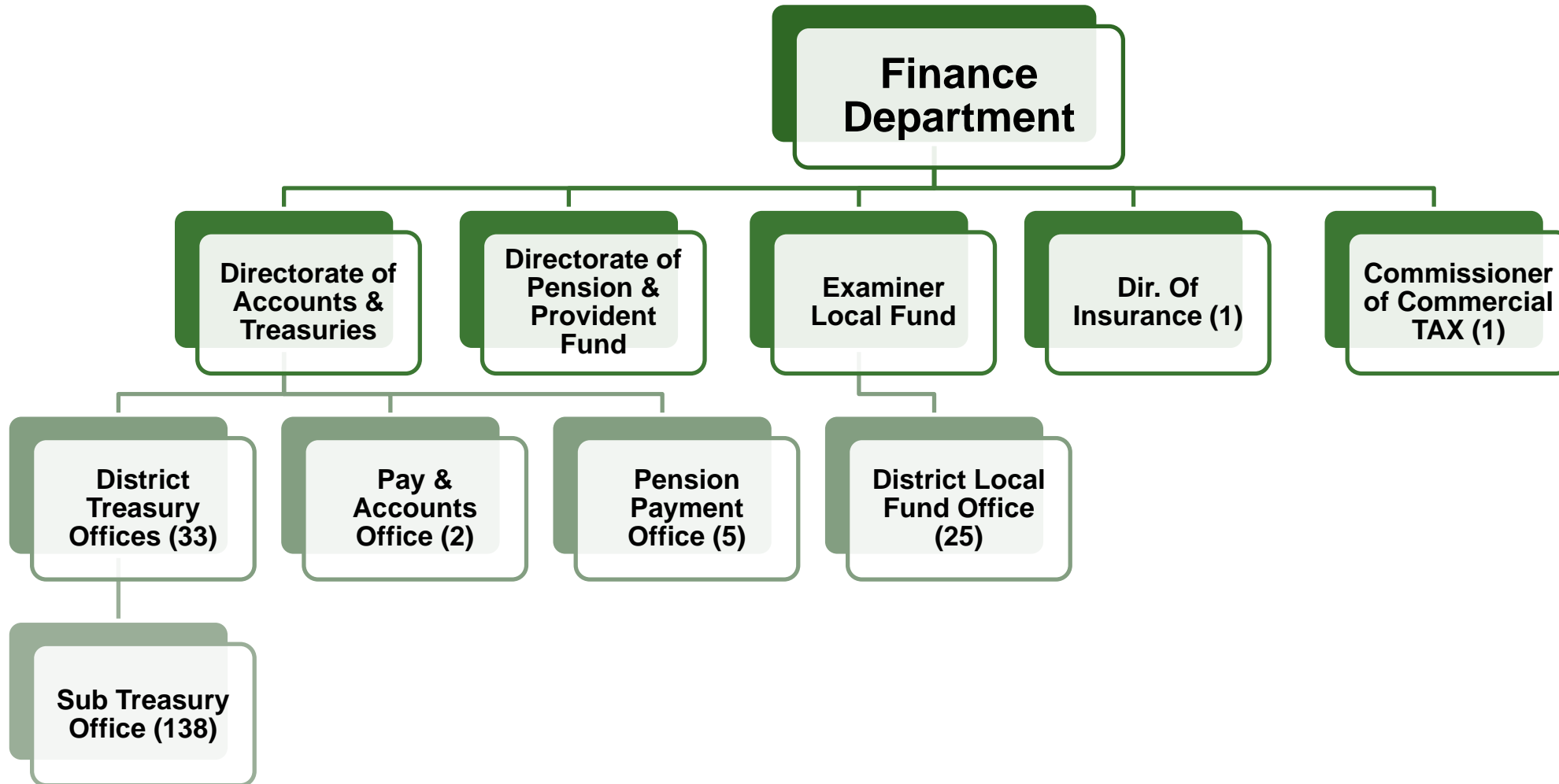
Government of Gujarat

Finance Department

Integrated Financial Management System

(Existing)

Organization Structure – Finance Department, Gujarat



Agenda

- ❖ Project History
- ❖ What is IFMS ?
- ❖ Mission and Objective
- ❖ Stakeholders
- ❖ IFMS Process Flow
- ❖ Approach and Methodology
- ❖ Challenges
- ❖ Government Process Re-engineering
- ❖ Key benefits
- ❖ Components and Status
- ❖ Integration

Project History

Sr No	Particulars	Time
1	Conceptualization	July – 2006
2	GAP Analysis	July – 2006 to Sept – 2006
3	Decision taken	Oct – 2006
4	Formation of Project Management Committee	Dec – 2006
5	Award of Contract	June – 2007
6	Pilot Run at Ahmedabad Treasury	Feb – 2008 & April – 2008
7	Rolled out in all Treasuries	July – 2008 to June – 2009
8	Rolled out in all Sub Treasury Offices	July – 2009 to Dec – 2010
9	Online Bill Submission	From Jan – 2011 continued...
10	E-Receipt – Cyber Treasury Portal	On VATiS Server – Dec – 2008 On IFMS Server - May – 2011
10	Implementation of Digital Signature	April – 2012 continued...
11	E-Payment	February – 2013 continued...

What is IFMS?

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

- ✦ Real time financial position of the State by on-line updating and consolidation of Receipts and Expenditures. This will facilitate
 - + Efficient management of funds,
 - + Monitoring and controlling government liabilities
 - + Monitoring ways and means position

What is IFMS?

- Major Modules
 - Budget Interface with IWDMS,
 - Grant Processing
 - Online Bill Preparation
 - Treasury functions,
 - Pension functions,
 - Interfacing with AG, RBI, Bank,
 - MIS /Decision Support System,
 - Debt Management

- Major Functional Objectives:
 - Automated accounts generation of the state,
 - Automated consolidation and aggregation of data hence more time for value added analysis,
 - Faster turn-around of treasury transactions,
 - Workflow automation,
 - Avoid duplication of work.

■ MISSION

“Effective fund management and control of the state fiscal position on real time basis and formulate the policy accordingly for efficient utilization of funds for productive purposes for the benefit of citizen “

■ OBJECTIVE

“Monitor real time financial position of the state for effective fund utilization, efficient allocation of grants/advances and improve governance between finance department and other state government departments”

Coverage of System

Particulars	Remarks
Number of Treasuries	Treasury Offices – 33
	Pay and Accounts Offices – 2
Number of Sub Treasuries	Pension Payment Offices - 5
	Sub Treasury Offices – 138
Total number of Staff in Treasuries	2294
Administrative Departments	27
Head of Departments	175+
Drawing and Disbursing Officers	3900+
Total number of employees	Approx 4.50 Lacs
Total number of pensioners	Approx 4.26 Lacs

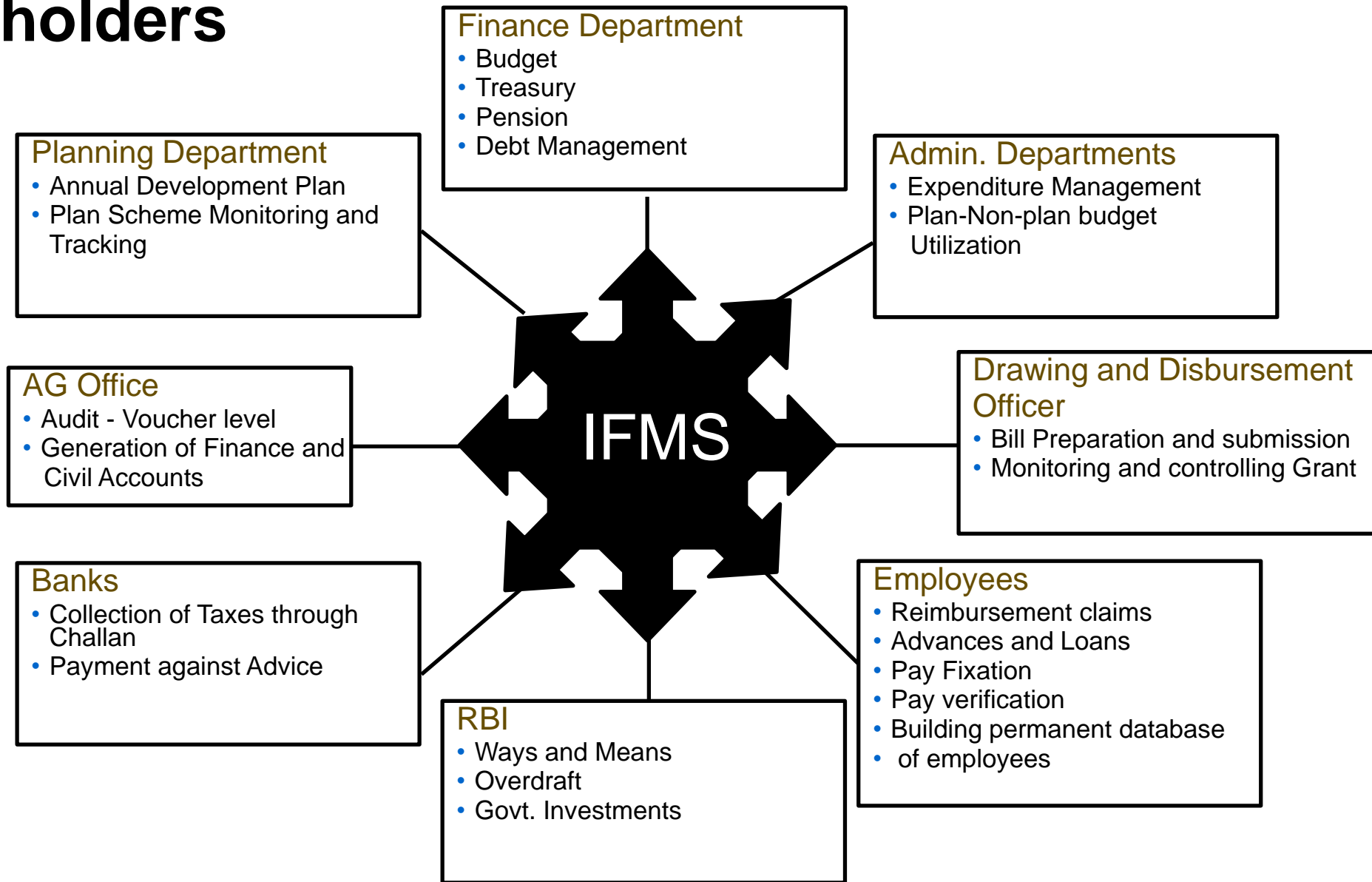
Status of IFMS

Sr. No.	Name of the Module	Office /Dept.
1	Decision Support System / Management Information System	FD
2	Online Bill Preparation and Submission to Treasury office	DAT
3	Bill Processing in Treasury	DAT
4	Expenditure Accounting	DAT
5	Receipt Accounting	DAT
6	Letter of Credit Maintenance	DAT
7	Cheque Inventory	DAT
8	Stamp Processing	DAT
9	Earnest Money Deposit Maintenance	DAT
10	Personal Deposit and Personal Ledger Account Maintenance	DAT
11	STO Module	DAT
12	PAO Module	DAT
13	Interface with IWDMS Budget	FD
14	Grant Distribution Up to Drawing and Disbursement Officers	FD
15	Employee Census	DAT
16	Sardar Sarovar Narmada Nigam Limited	DAT

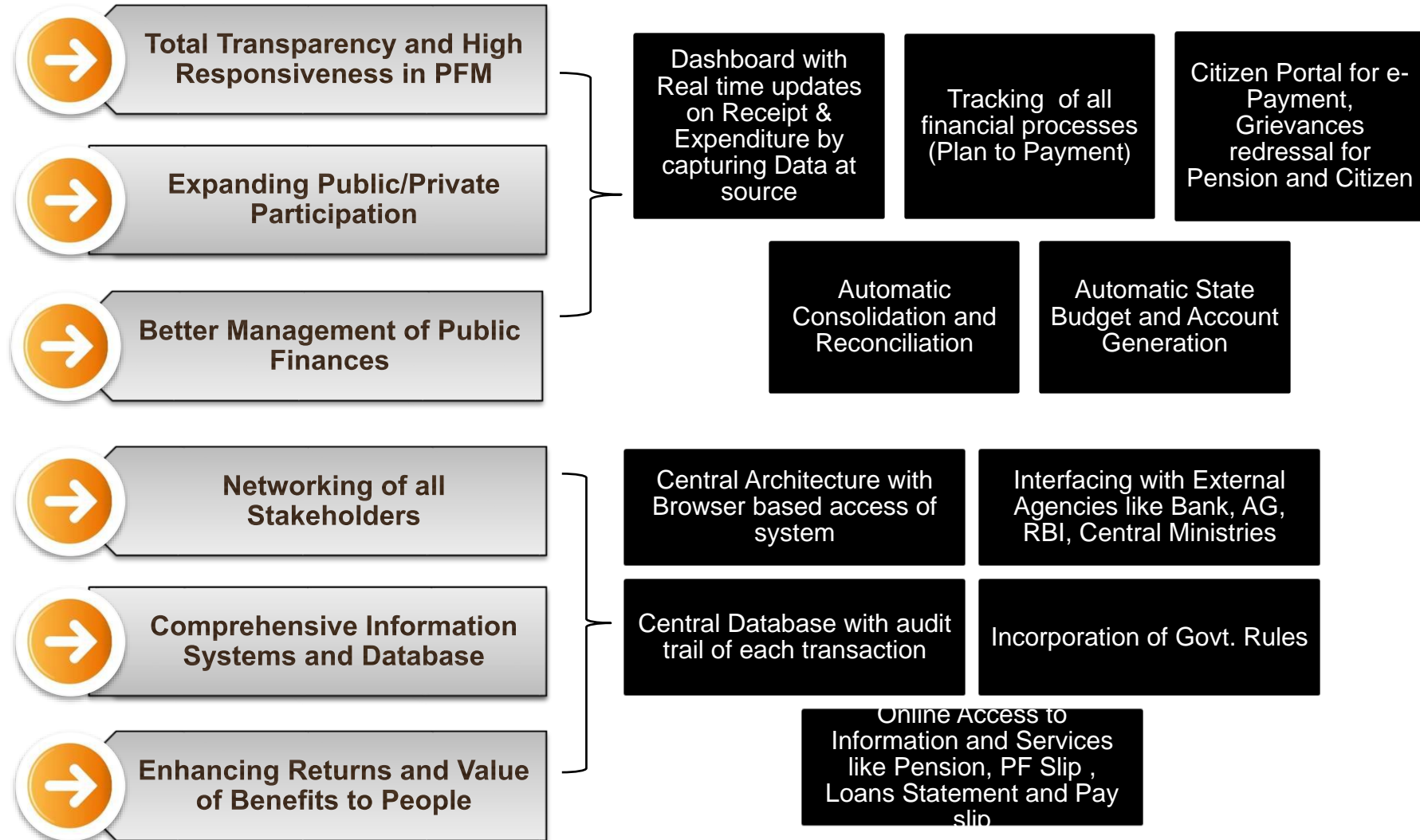
Status of IFMS

Sr. No.	Name of the Module	Office /Dept.
17	Debt Management Cell	FD
18	Cyber Treasury	DAT
19	Employees Information system	DAT
20	Pension Payment Processing	DAT
	External Interfaces with A.G.	DAT
21	External Interfaces with Bank & RBI	DAT
22	Pension Processing	DPPF/LF
	House Building Advance / Motor Car Advance	DPPF
23	Advance (MCA) Processing	DPPF
24	General Provident Fund Processing	DPPF
25	New Pension Scheme Processing	DPPF
26	Pay Fixation and verification module	LFA
27	Audit Program	LFA
28	GPF Pre-Audit	LFA

Stakeholders



State Government Objectives for Treasury Computerization



Features/Benefits of Treasury Computerization System (IFMS)

Monitoring & Controlling

- Dashboards/MIS-DSS reports with real time updates about Revenue and Expenditure
- Tracking of budget, grant, expenditure details at various levels
- Tracking of pending bills for approval
- Online tracking of planning and Budgetary proposals
- Online support 24*7

Reduction in Float

- Accounting of Tax/Non Tax collection in treasury on real-time basis

Performance

- Data entry at source only which would be utilized subsequently
- Automated consolidation and aggregation of data
- Automated Validation and Reconciliation for various processes like Budget, Grant distribution, Processing of Bills and Deposit maintenance
- Online Planning & Budgetary publications printing with no errata.
- Automates State account generation
- Electronic Pension and Pay bill generation
- Online Accounting of PF and Loans
- Effective load balancing
- Bilingual Support

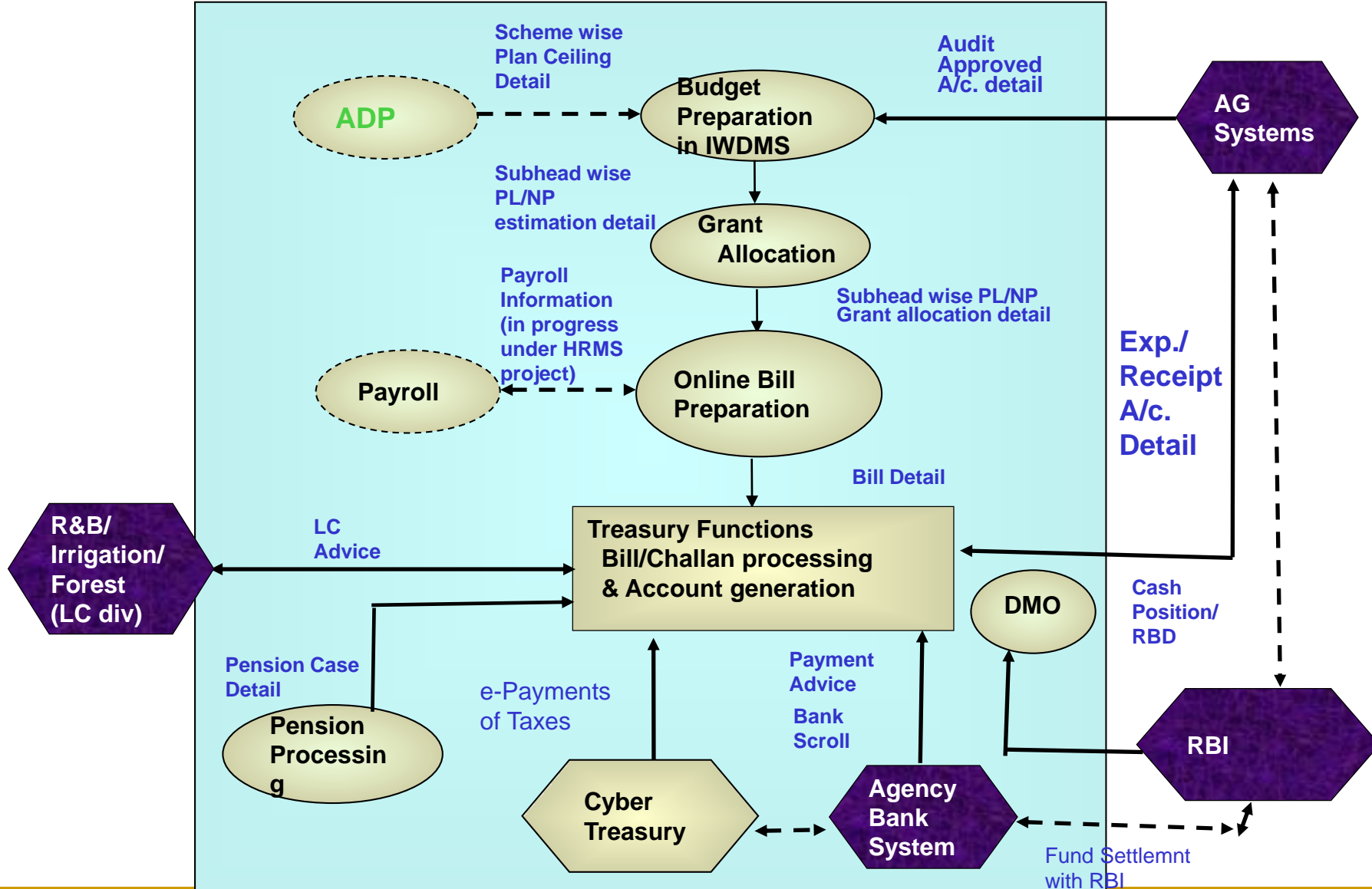
Accuracy

- Robust validation engine for checking critical business rules and error handling
- Interfacing with external systems and integration within modules to eliminate data re-entry at various level
- Work Flow automation

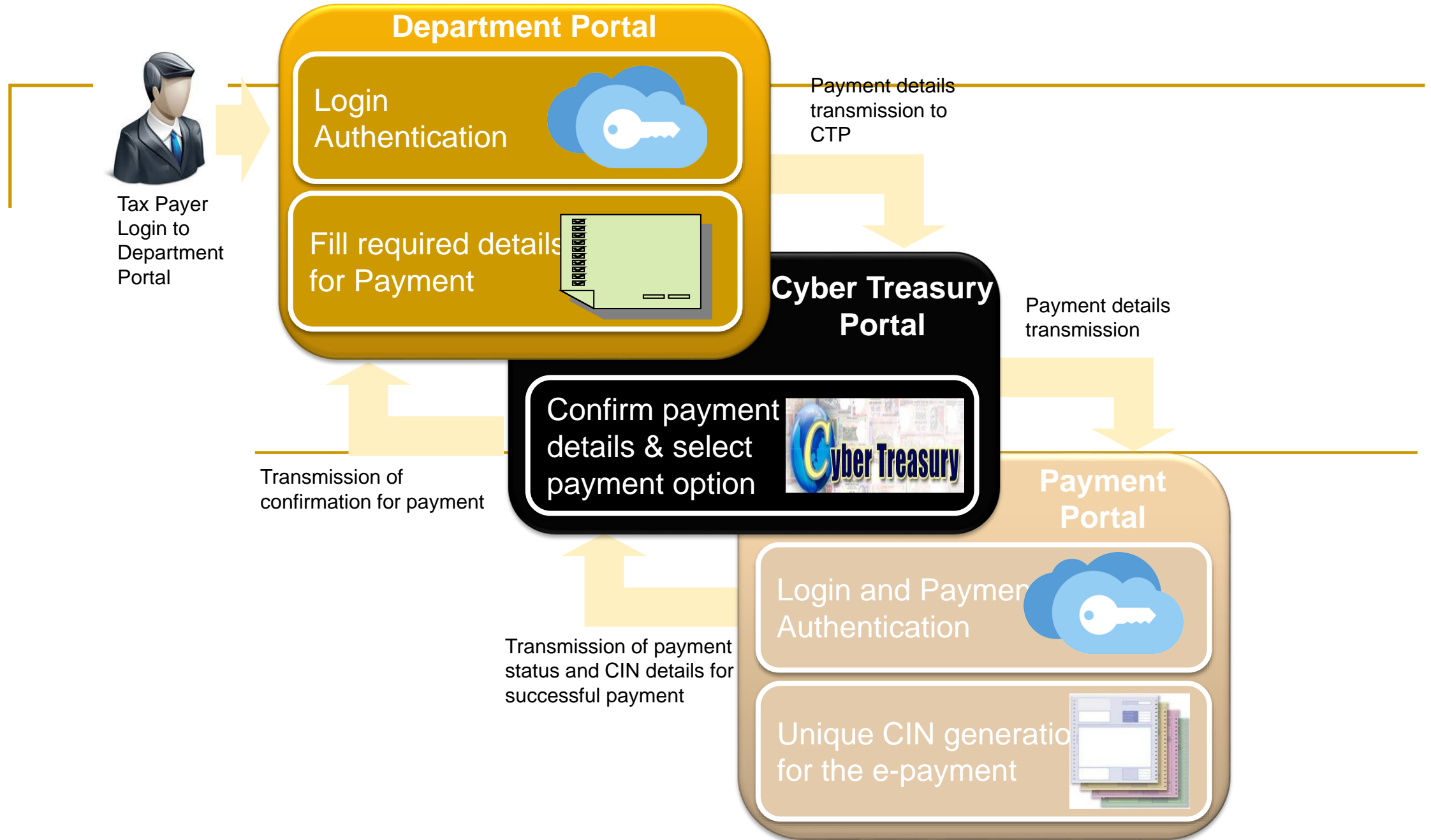
Security

- Layered security control and services covering identification, authentication, authorization, administration and audit
- Digital Signatures to DDO for submitting bill
- SSL encrypted applications
- Dynamic Data Storage with reliability

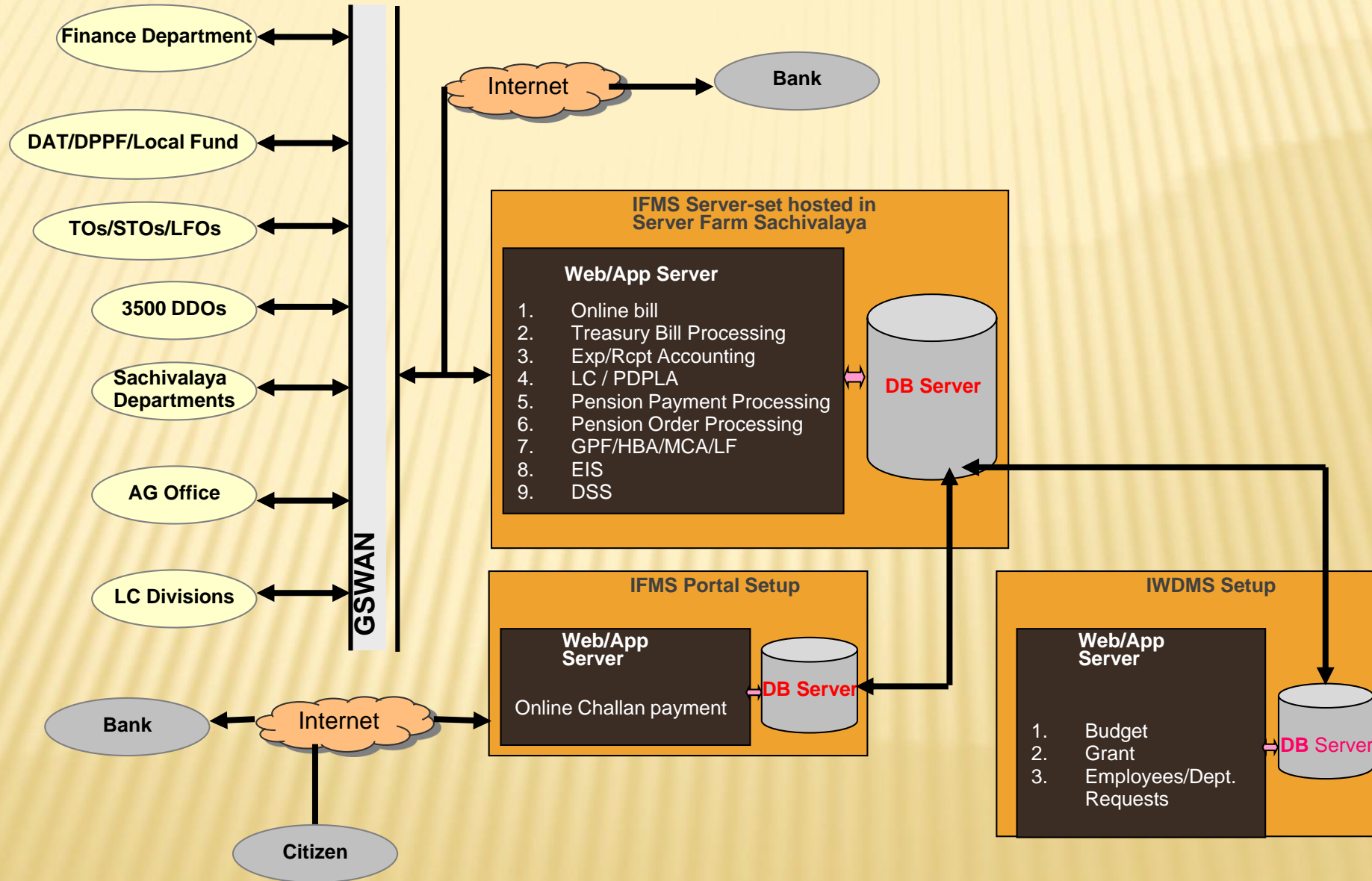
Process Flow - IFMS

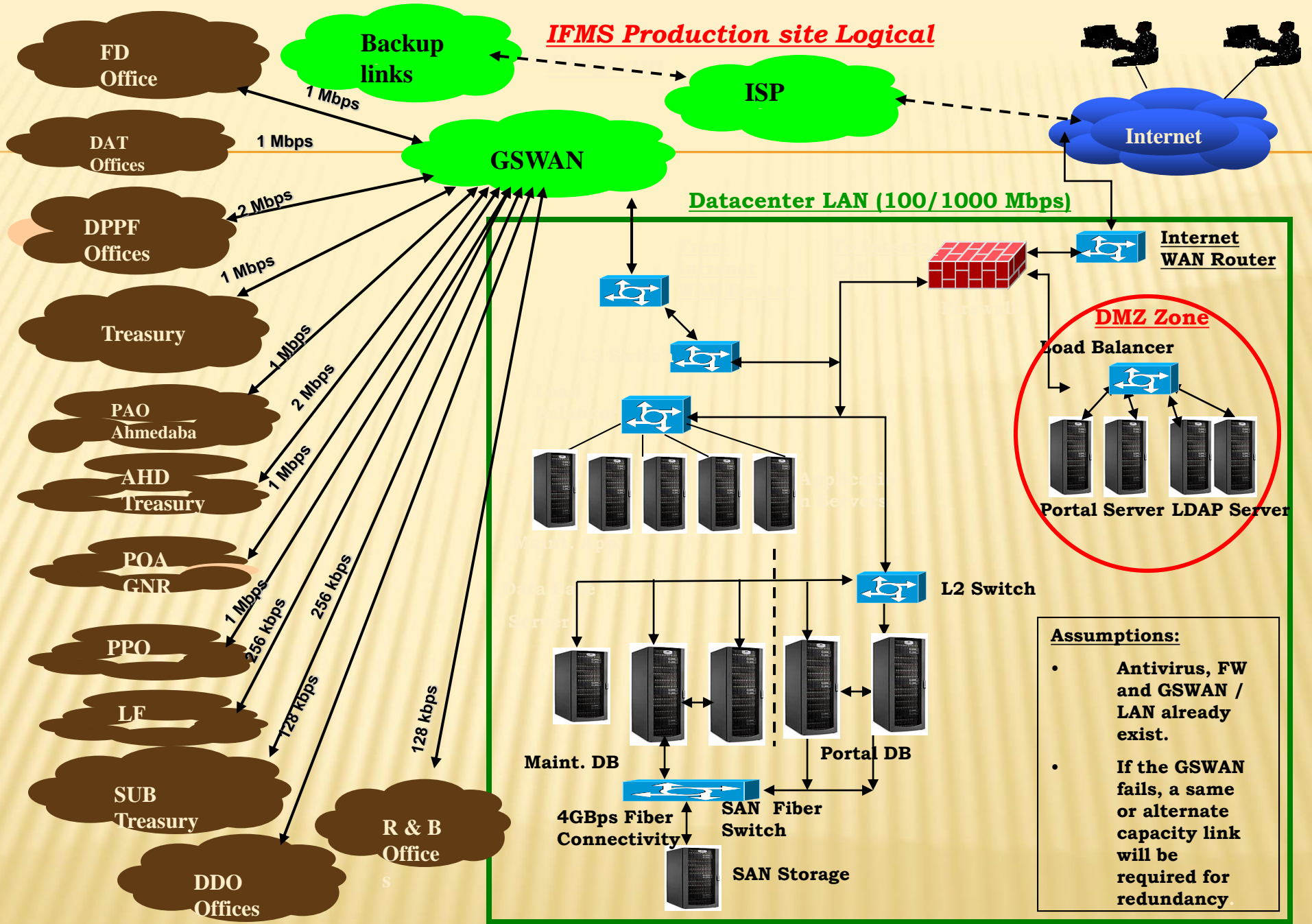


Cyber Treasury Portal - Process Flow Diagram

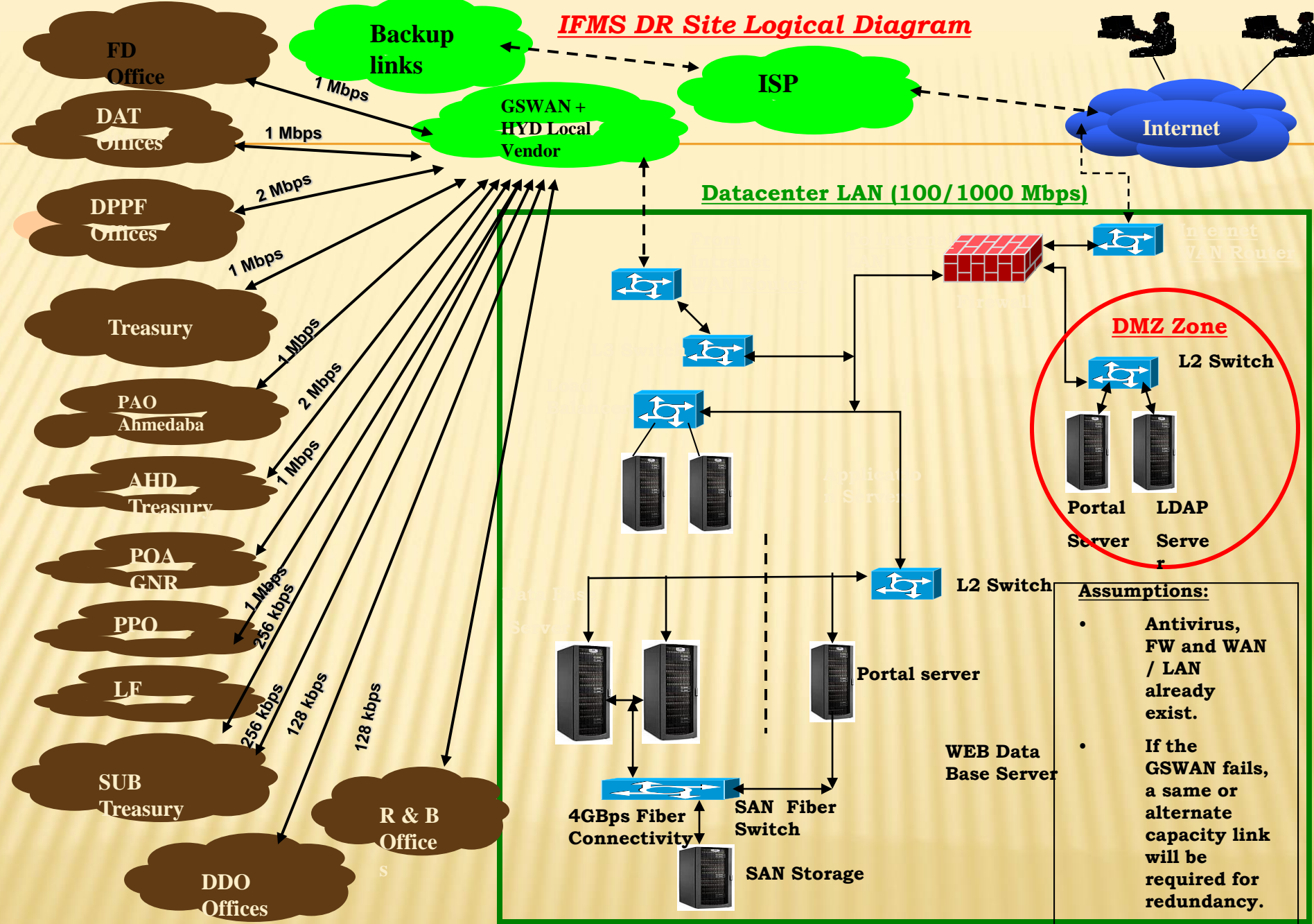


CENTRALIZED APPLICATION ARCHITECTURE - IFMS





IFMS DR Site Logical Diagram



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
- Swiss Challenge Method for IFMS Infrastructure procurement (Centralized Architecture)
- Gujarat State Wide Area Network (GSWAN) as Backbone for connectivity
- MPLS connectivity is implemented as redundancy to GSWAN network.

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

The IFMS coordinating committee framed which meets regularly every month for discussing regular issues, enhancements in IFMS and review of implementation.

Challenges – Pre Implementation

- GAP Analysis between ‘as is scenario’ and ‘expected solution’
- Migration of Data from legacy system due to inconsistency /non-standard data format at different locations
- Centralized Architecture v/s Decentralize Architecture
- No precedence for such unique integrated system as first across the country
- Scope Decision

Challenges – While Implementation

- Parallel run of legacy and new system and matching of reports etc.
- Connectivity and Bandwidth issue
- Human Resistance to Adopt new system
- Mass scale Users' Training in different locations in limited time period.
- Interface with External Entities like, Banks, RBI, AG etc..
- Observance of Time Limit in initial era i.e. Timely submission of Accounts to AG, Pension Payment, DDO Payments etc.

Challenges – Post Implementation

- Implementation of incomplete modules for the shake of running day to day business
- Problem in consistency of maintenance of Software and Hardware after expiry of warranty period
- Lack of in house technical capacity (More Dependency on Vendor)
- Incorporation of changes in Government Policy i.e. Validity of Cheque
- Change in technology over a period of time

Process Re-engineering

Treasury Computerization System

- ❑ **Online Bill Processing and Submission using Digital signature**
- ❑ **Cyber Treasury-Online Payment of Taxes/dues**
- ❑ **Electronic Pension Payment Processing using ECS facility**
- ❑ **Electronic Reconciliation of Accounts with AG**
- ❑ **Standardization of Accounting processes of State and AG**
- ❑ **Facility of electronic scroll upload and automatic reconciliation**
- ❑ **Electronic Interface with RBI and Banks**

Key Benefits

- ❑ Real time financial position of state finances
- ❑ Single Treasury solution - transparent & consistent view
- ❑ Decision Support System & exhaustive MIS for FD, DAT, DPPF, DDO
- ❑ Users friendly - guided workflows - require little training
- ❑ One time data capture/entry at source
- ❑ Effective and improved delivery of services to citizens
- ❑ Multiple delivery channels (like internet, intranet, SMS, email)

Key Benefits (Contd..)

- All Administrative Departments will be able to :
 - Tracking total expenditure against estimates and Grant
 - Track and Monitor Plan / Non Plan Expenditure
 - Track and Monitor Centrally Sponsored Scheme details
 - Monitoring Head wise - Scheme wise Plan/Non Plan Exp
 - Dept wise grant utilization report
 - Monitor COs and DDOs wise Grant utilization
- Technical Benefits
 - Solution based on the open standards – J2EE 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 allows phased and modular deployment

Integration

Integration with Budget

■ Budget Preparation

- Budget is being prepared in IWDMS (Integrated Work Flow and Document Management System) and on approval complete data is integrated with IFMS.
- In turn, while preparing Budget, IFMS data like Four/Eight Monthly Expenditure, Trend of Expenditure etc are utilized.

■ Grant Distribution

- Complete flow of Grant Distribution is integrated.
 - Grant Distribution from Finance Department to Administrative Department.
 - Grant Distribution from Administrative Department to Controlling Officers.
 - Grant Distribution from Controlling Officers to Drawing and Disbursing Officers.
 - Drawing and Disbursing Officers are submitting claims online in the same integrated system only

■ Online Submission of Bills

- Drawing and Disbursing Officers are submitting all the claims online in the treasury. Payment of the same is made through e-Mode in accounts of beneficiaries.

Integration with Banks

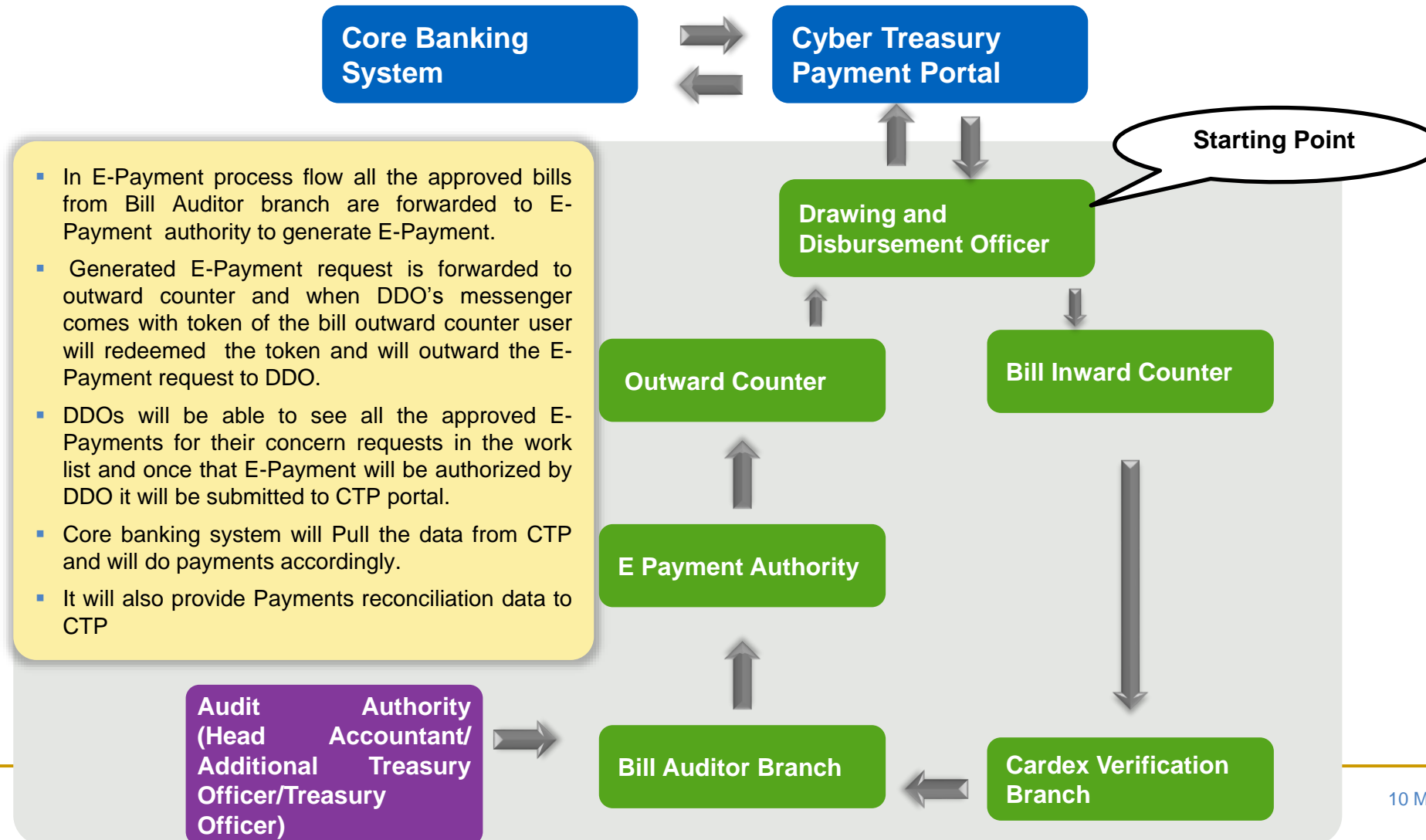
A. Seamless e-Payment through Web Service

Scenario Pre implementation of e-Payment

- ✓ Cheques were issued to DDOS and in turn DDOs were issuing cheques to the Party concern. (Long TAT)
- ✓ Beneficiaries were not getting their dues in real time. They had to wait for receipt of cheque from DDO & realization of cheque
- ✓ Irregularities were taking place at DDO level like late delivery of cheques to vendor etc.
- ✓ Fraud in cheque transactions like correction in instrument etc.
- ✓ Cheque printing was time consuming, chances of error while printing of cheques.
- ✓ Usage of various stationery for cheque, vito, advise etc. This was resulting in loss to green environment.
- ✓ Reconciliation work was manual and time consuming.

Integration with Banks

A. Seamless e-Payment through Web Service – Process Flow



Integration with Banks

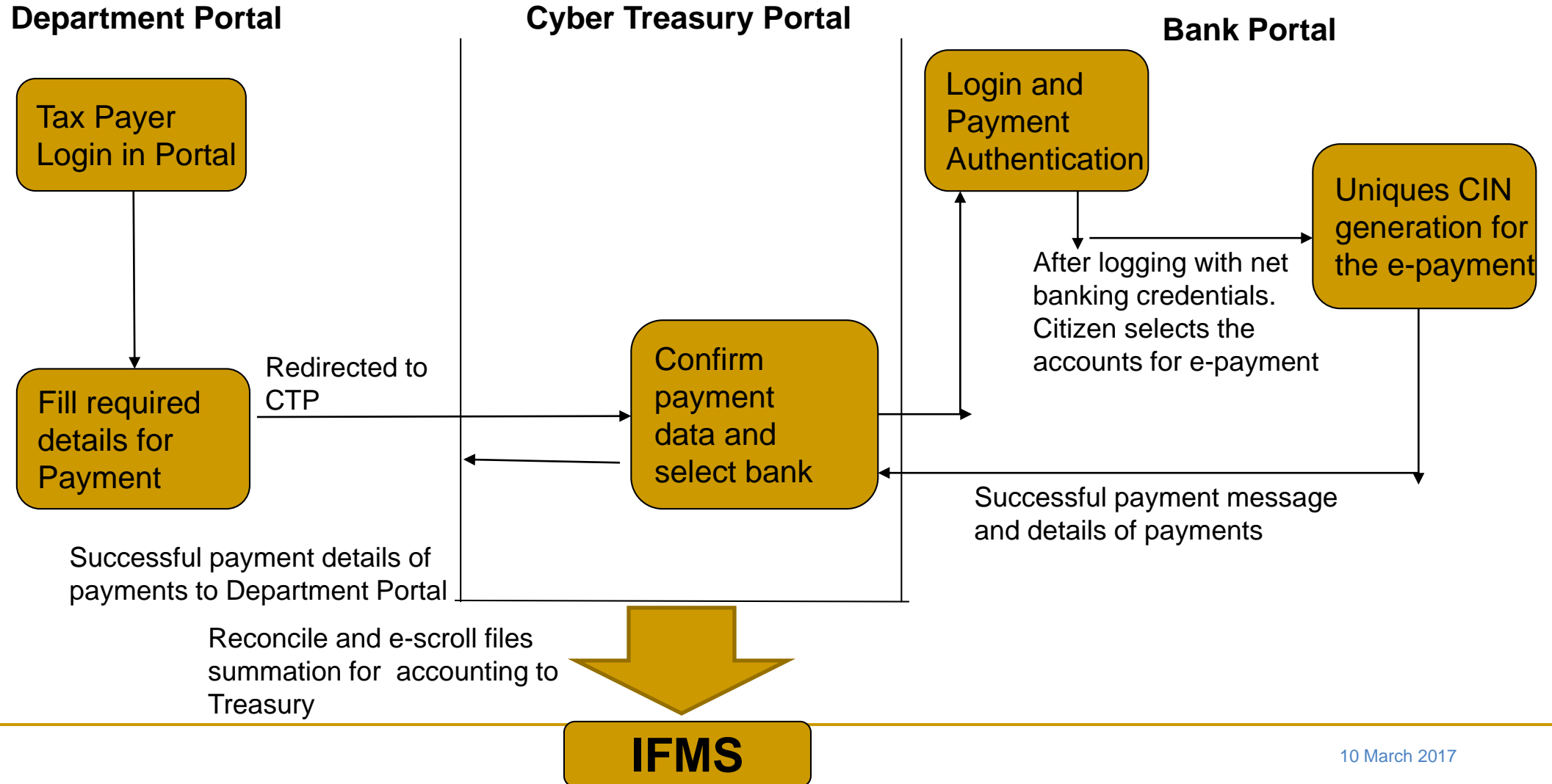
A. Seamless e-Payment through Web Service

Scenario post implementation of e-Payment

- ✓ Real time receipt of Government Benefits in the account of Beneficiaries
- ✓ Pending authorization for payment can be monitored and responsibilities can be fixed
- ✓ Automated reconciliation with Treasuries by Banks
- ✓ Exhaustive MIS for e-Payment
- ✓ Less or No chance of fraud, error and mal-practice due to 100% seamless approach
- ✓ More transparency
- ✓ Environment friendly – less/no use of stationary

Integration with Banks

B. e-Receipt through Cyber Treasury Portal



Integration with Banks & RBI

C. Integration with Banks for e-Scroll of manual collection

- For e-Scroll of manual collection of taxes by banks

D. Integration with RBI

- For fund settlement data, integration with RBI is planned and functionality is ready in IFMS.

Integration with State Accountant General

❖ Earlier Position:

- ❖ All Treasuries were submitting primary & subsidiary accounts to AG up to Major Head level along with vouchers
- ❖ Data Entry of all vouchers received from Treasuries were being made by AG in their Voucher Level Compilation (VLC) System for preparation of State Accounts

❖ Current Scenario :

- ❖ All Treasuries submit accounts to AG in e-mode along with vouchers
- ❖ User IDs and Passwords provided to AG for downloading the Accounts of All Treasuries in e-format
- ❖ AG incorporates this data (text file) in their VLC system

❖ Benefits:

- ❖ Elimination of data entry at multi level
- ❖ Discrepancy with Treasury Accounts reduced
- ❖ Financial accounts prepared within short period
- ❖ Reconciliation of DDO Accounts and Treasury Accounts made easy

Pension Processing

- Under Integrated Financial Management System, processing, authorizing and payment of pension is done online
- Due to this all the data of pensioner and the payment made to the pensioner is available online
- This has facilitated the system to –
 - Provide all reports required for the pensioners
 - Expenditure on pension
 - Projection of expenditure for the pension on a real time basis

Present development in process

- Implementation of e-Payment with new approach (SBI & BoB)
- Integration with E-Kubar (RBI)
- Implementation of CTS -2010
- Integration with HRMS
- Integration with R&B system
- New module for Pay Fixation
- Integration with Jeevan Praman
- Integration with PFMS (GoI)
- Generation of eChallan & E-scroll for physical Payment & Receipt

Pension Portal

To facilitate the pensioners & to provide more comfort to senior citizens, a Pension Portal on Cyber Treasury Gujarat (<https://cybertreasury.gujarat.gov.in>) was launch on 2nd October 2011 i.e. on the auspicious day of Gandhi Jayanti.

- **Pensioner Login**

- Bank Account Number as Login ID
- PPO Number as password

- **Key feature of the portal**

- Online availability of Monthly Slip,
- Pension Payment Slip (quarterly, half yearly & yearly).
- Provision of delivering Life Certificate,
- Medical Reimbursement Bill Tracking
- Pension Case Tracking Report
- Pensioners can also enter/update for their phone numbers and e-mail IDs by using Update Contact Detail Links

This module has helped the pensioners by providing easy access the critical personal information online.

Reports...

Reports for Finance Department

- State Profile report (Fiscal Report)
- Department Profile report
- Department Wise expenditure Report
- Grant Released From FD
- Grant Pending With Department
- Grant Release Status Of Departments
- Pending Bills/Cheques Liability Status Report

Reports for Admin Departments

- Department Profile report
- Grant Received By Department
- Grant Released From Department
- Grant Pending With Department
- Pending Grant With Controlling Officer

Reports for Head of Departments (CO)

- Grant Received By Controlling Officer
- Grant Released from Controlling Officer
- Pending Grant With Controlling Officer

Reports for DDOs

- Grant Received by DDO
- DDO Profile Report
- E-Payment Paid Details Report
- Bill Tracking Report
- Ready Cheques Report

Reports for EDP Cell

- Receipts and Disbursement Statement Under Part III Public Accounts
- Treasury wise Cash Balance, Receipts, Expenditure and RBD
- District Wise, Department/Sub Sector wise plan Expenditure report
- EDP Wise expenditure Report
- Department Wise Expenditure Report

Other MIS Reports

- Stamp Status Report
- Cheque Book stock Report
- Status of Pending Vouchers Major-Head wise
- Register of P.L. Accounts of Boards/Corporations
- Register Report of Pla of Gujarat ST Corp.
- Register of PLA of DDO/TDO
- Register Report of Boards/Corporations
- PDPLA Account Wise Balance Report
- Register of PLA of DDO/TDO
- Delay Report for DAT
- List of Pending Bills Report
- List Of Paid Bills Report
- Cheques Details Report
- District Wise Pending Bills Status Report
- Bill Type Wise Pending Bills Status Report
- District wise Pending Bills Report
- ePayment Detail Information Report
- ePayment Status Report
- Cheque Paid Report
- Treasury Wise Pending Bills Report (Amount > 10 Cr.)
- Month Wise Voucher Details
- Major Head Wise Voucher Details
- Bill Type Wise Voucher Details
- Bill Details/Tracking Report

Thank you..