

# Treasury Information Management (TRIM)

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## ABSTRACT

TRIM is designed and developed as a centralised repository of treasury transactions and related data to provide (government-to-government) G2G and (government-to-citizen) G2C services. Payment and receipt transactions taking place in all the treasuries are brought to the Data Centre at the Directorate of Treasuries through the TIS (Treasury Information System) application on a daily basis through a dial-up network. Apart from maintaining individual transactions, the TRIM system upholds treasury-wise, date-wise, head-of-account-wise summary details for effective and fast information delivery. e-Government and citizen services are provided through the treasury portal <http://treasury.kerala.gov.in>.

## Brief Description of the Project

The Government of Kerala is keen on introducing IT for the benefit of the common man under its e-governance project. As part of the IT implementation strategy, the Government of Kerala had entrusted the National Informatics Centre (NIC) with the design, development and implementation of treasury computerisation. With this aim in mind, NIC has designed, developed and implemented the TIS. The treasury computerisation project is one of the major e-governance projects of the Government of Kerala developed by the NIC.

As a second step towards IT, the data stored in individual treasuries has to be brought to a central data server on a daily basis, where these details will be combined together to generate valuable information needed for the effective financial management of the state.

The Finance Department, Government of Kerala, has felt the need to have a centralised and integrated mechanism for monitoring and maintaining the financial position of the state. NIC has designed an architecture solution to address the requirements of the department. It has proposed an integrated, comprehensive state-of-art solution called TRIM (TREASURY INFORMATION MANAGEMENT). TRIM is conceptualised as a web-enabled application supporting 'e-financial management'.

TRIM is a collaborative portal for departments, planners, policy makers and citizens. It provides centralised data of all receipts and payments for evaluation, monitoring and policy. The average number of transactions received per day is 60,000. Direct and complex queries on expenditure and receipts are available for any combination of 9-tier Head of Account and period. Progressive expenditure is calculated against budget estimate and the permissible amount set by the finance department.

## Stakeholders

The most important stakeholders of the project are the finance people and the decision making government, who can be aware of the current financial status of the state on a daily basis.

If TIS is implemented in all treasuries of the state, each and every staff of the treasury department will be directly interacting with the system.

## Government-to-Citizen Services (G2C)

Through the Treasury Data Centre of TRIM, citizens are benefited by receiving passbook details of savings bank, fixed-deposit, pensioners' accounts, etc.

## Government-to-Government Services (G2G)

The finance department of the state government can get current cash flow details of the treasuries through the treasury web site on a day-to-day basis and from AG after two months. This enables the government to take faster and better decisions.

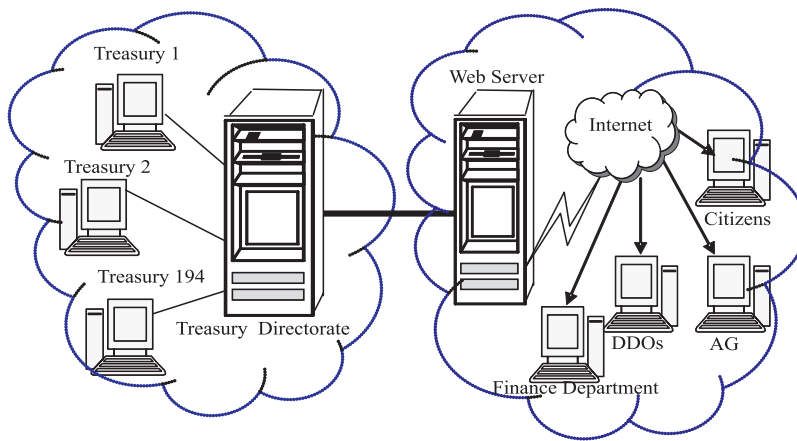
Some operational statistics is given below:

Year of pilot implementation in treasuries	1 February 2000
Year of implementation completion in all treasuries	31 May 2004
Dial-up network, data centre setup and portal	19 January 2006
Total number of sites	197 treasuries, Treasury Directorate and Data Centre
Number of department users	2,500
Number of pensioners benefited	2,75,000
Number of transactions per year	96,00,000

## Objective

TRIM is an IT solution for treasuries in Kerala. To cater to all the requirements of individual treasuries right from the counter to the accounting stage, a workflow-based treasury payment/receipt transaction-processing system, TIS, is implemented in all 197 treasuries, which forms the foundation for TRIM. The G2G services of TRIM are provided from the Data Centre and also through the portal <http://keralatreasuries.gov.in>.

## Architecture



### *Treasury Information System (TIS 3.0)*

Client Server architecture:

Data base

Development Tool

Operating System

DB2 Ver 7.2

Power builder 6.0

Windows NT/2000

### *Treasury Information management (TRIM 1.0)*

Web-based application

Database

Development Tool

Operating System

DB2 Ver 8.2

PHP

Linux-Appache

## Implementation

All the treasuries in the state are computerised. Any new treasury is now started as a computerised treasury. In a treasury, all the transactions are processed and monitored through TIS. Manual ledgers and registers are not maintained any more in any treasury.

## Training

More than 2,500 staff of all the 197 treasuries of the state are trained to use the TIS and TRIM software. Two TIS administrators are designated in all the treasuries for maintaining the day-to-day activities of the treasury through the system. District coordinators are designated at every district treasury for coordinating the activities of TIS through administrators. All the treasury administrators and district coordinators are trained in all the releases of TIS and TRIM modules.

The transaction volume treasury category-wise are given below:

Treasury category and transaction volume assessment

	Number of Treasuries	Transactions			
		Per Month	Type-wise	Peak Days	Average
Super Heavy	12	P 8,000 R 4,500	SB 3,000 Pension 4,000 SDO 500 Others 5,000	P 1,500 R 500	P 320 R 180
		T 12,500	T 12,500	T 2,000	T 500
Heavy	58	P 4,000 R 2,000	SB 1,500 Pension 2,000 SDO 200 Others 2,300	P 400 R 200	P 160 R 80
		T 6,000	T 6,000	T 600	T 240
Medium	84	P 2,000 R 1,000	SB 400 Pension 1,500 SDO 50 Others 1,050	P 200 R 100	P 80 R 40
		T 3,000	T 3,000	T 300	T 120
Light	32	P 1,000 R 500	SB 300 Pension 750 SDO 30 Others 420	P 75 R 25	P 40 R 20
		T 1,500	T 1,500	T 100	T 60

Non-Transacting	3				
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P: Payment, R: Receipt, T: Total

tumber of payment Transactions handled by TIS per month = 5,28,000

Number of receipt transactions handled by TIS per month = 2,70,000

Total number of transactions handled by TIS per month = 7,98,000

### Future Plans

- Setting up of leased line networks to provide online ‘ways and means’ control and cash flow management
- Enabling G2C services for pensioners, savings bank/ fixed-deposit account holders
- Enabling G2G services for DDOs and AG
- Enabling G2E services for self-drawing officers
- Touch-screen services

### Conclusion

TRIM facilitates the generation of various head-of-account-wise reports, monthly and daily financial reports. Queries on saving bank accounts, fixed-deposits, pensioners’ accounts and self-drawing officers can be generated from the system. The TRIM application addresses the requirements of the finance department, treasury department and various other departments of the Government of Kerala and citizens.