






SmartStream Technologies, Inc.

Using TLM™ for reconciliation and exception management

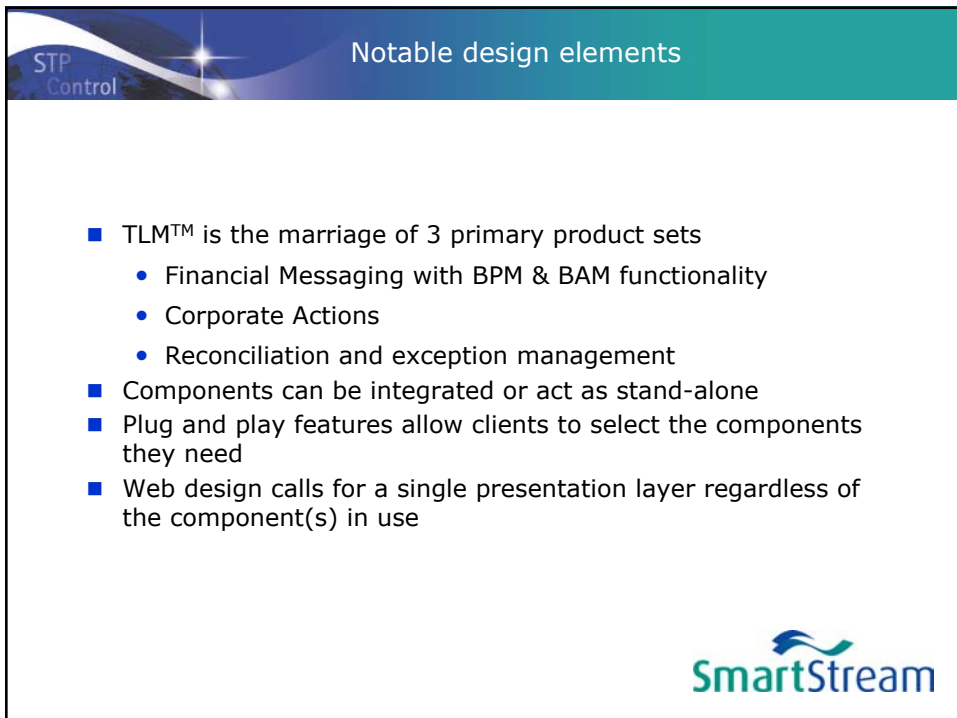
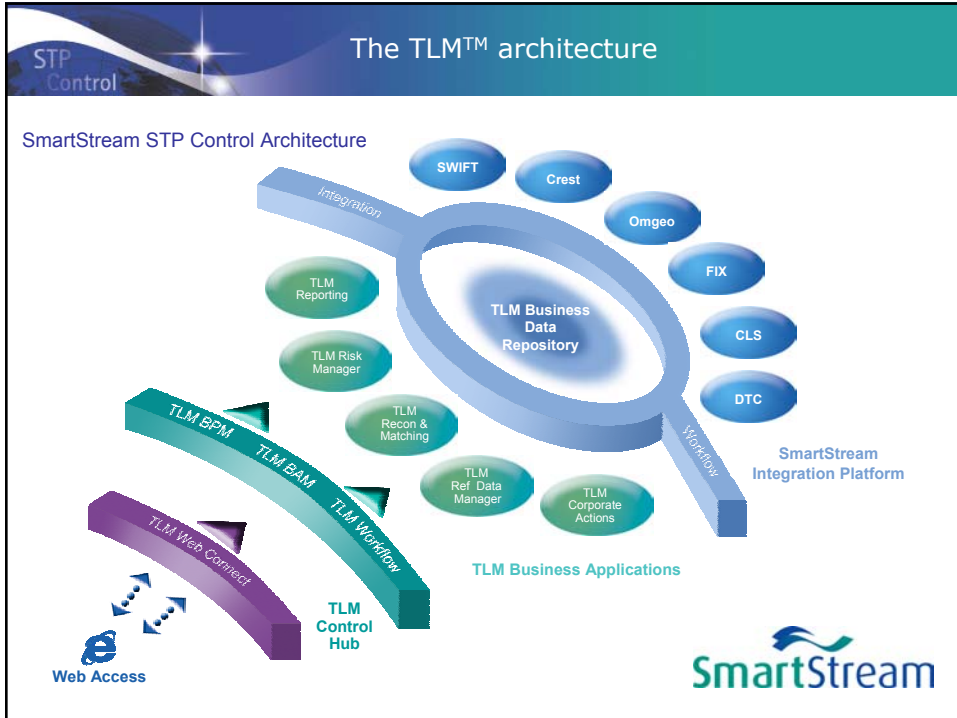
Welcome to SmartStream Technologies Limited

- World Class Performance
 - Focus on financial services STP
 - 1,200+ customers, representing over 75% of leading financial institutions
 - Community of over 8,000 users worldwide
 - 400+ employees – expertise, insight
 - Market leadership – 37% market share
- Product Commitment
 - Investment in leading-edge technology and solutions
 - SWIFT Ready Gold accredited for SSR and Corona (TLM Recon, CoAc and PA expected end 2004)
 - Established reputation for projects delivered to time/to budget
- Global Reach / Local Support
 - 15 primary offices located in Europe, the Americas and Asia/Pacific
 - 24x7 global infrastructure for service and support

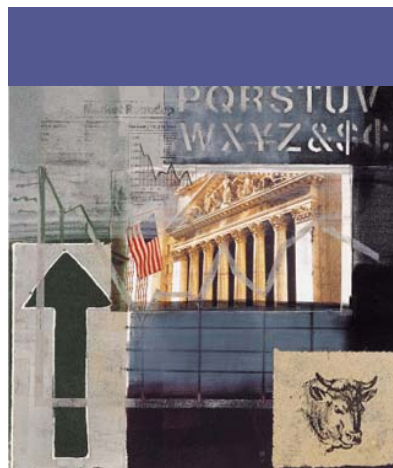





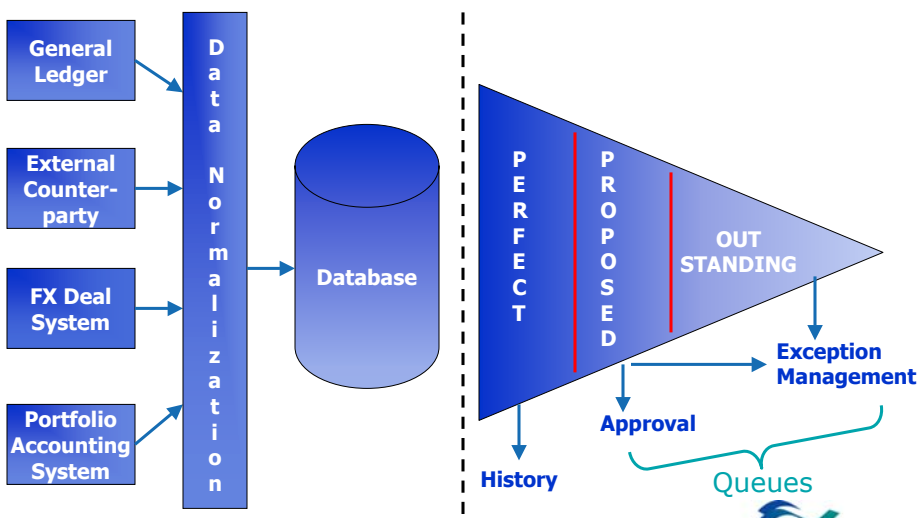
- TLM™ provides a complete STP control architecture to address the back-office requirements of today's financial services institutions
 - Messaging
 - Data translation/normalization
 - Trade hub (pre-settlement trade flow management)
 - Transaction level exception management
 - Generic reconciliation
 - Dynamic state management
 - Corporate actions processing
 - Dashboard style presentation of data
 - Web delivery options (December 03)



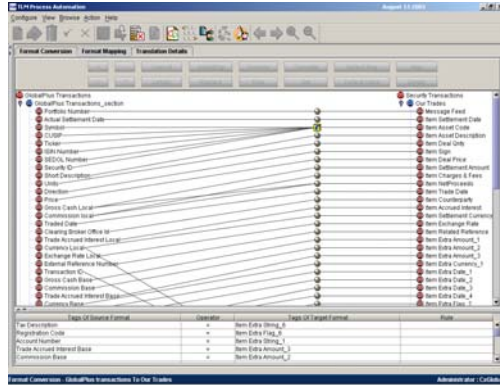
- To provide a holistic view of a transaction lifecycle throughout pre and post settlement processing activities
- To share useful information across traditionally silo-ed processing milestones
- To reduce the number of redundant systems and processes used in the processing of a trade/transaction
- To provide a potential 'client-self-service' portal
- To support increasing transaction volumes
- To support any IT strategy



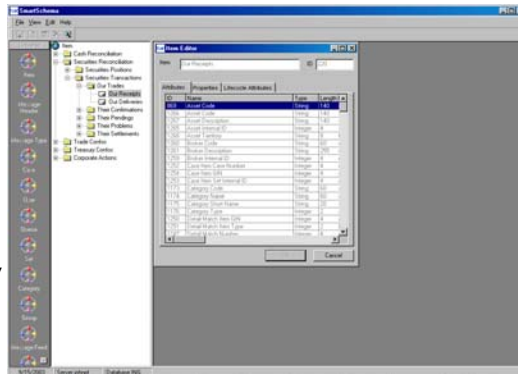
- Designed on the base kernel of SmartStream Reconciliations
- Functional highlights include:
 - Optional GUI based data mapping
 - Wide data models to support many optional fields
 - Packaged models for traditional reconciliations (Cash, Positions, Transactions, FX Confos, ETC, Intersystems)
 - User configurable matching logic
 - Generic reconciliation support
 - Integrated exception management with user configurable exception workflow
 - Queue based presentation
 - User configurable dashboard style presentation



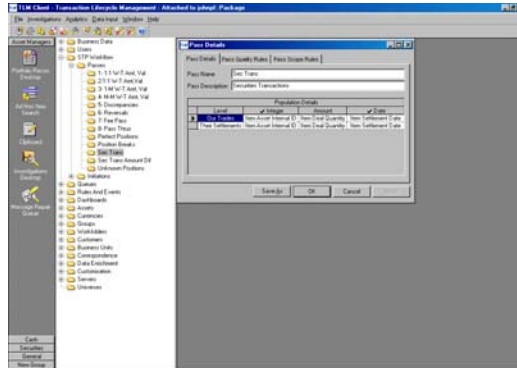
- GUI based data mapping
- Pre-configured targets based on reconciliation packages
- Map files or MQ delivery
- Options to map database direct



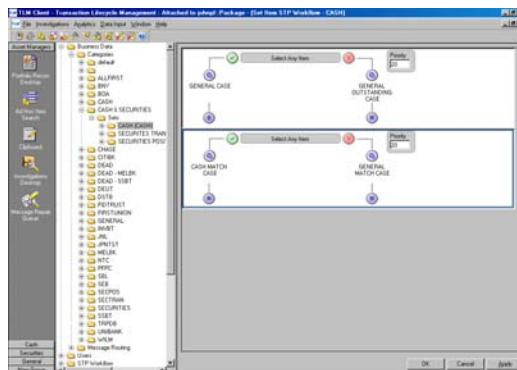
- Data models based on ISO standards for common reconciliations
- Several extra fields to support non-traditional reconciliation fields
- Field level security to determine who can view, edit and use each field



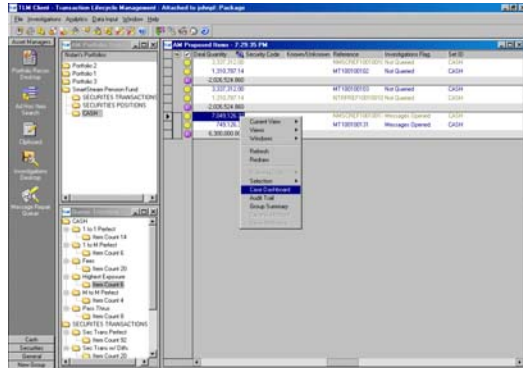
- Match on any field
- Define match rules within the GUI
- Set tolerances on any date and/or amount field
- Match across fields
- Options to match across transaction types



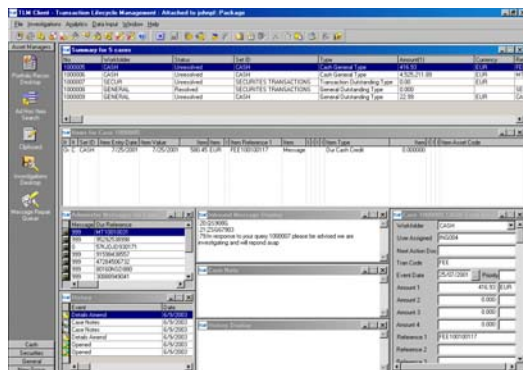
- Define exception logic, identification and escalation
- Intuitive decision trees make workflow creation easy
- Exception management for match groups and individual items
- Combine cash and securities exceptions into single cases




- Queue based presentation for match results and exceptions
- Easy to identify and navigate to breaks
- Only solution to offer queue based management and presentation




- Navigate from queues to individual exception cases
- Manage & escalate exceptions using decision trees or manually
- Send and receive electronic messages to facilitate issue resolution
- Store attachments to support resolution
- Granular audit trail tracks every entry/change

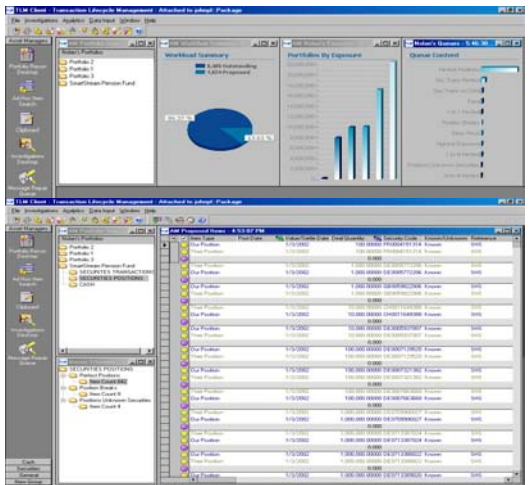


Dashboard presentation




- User configurable dashboards
- Show high level and detail view of reconciliation status
- Used as primary point of navigation
- Easy to configure and customize




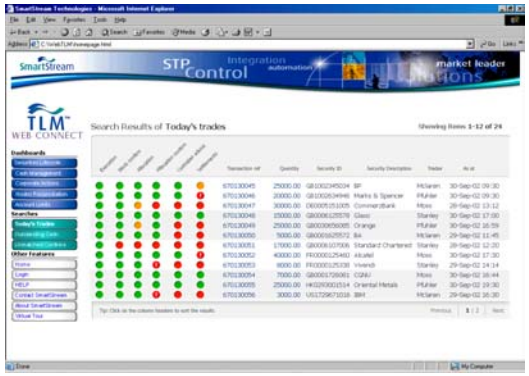


Web connect



- Web based dashboard presentation for TLM
- Design dashboards in VB client and Java client will automatically render
- Read only for December 03
- Full update capabilities mid 04





- Use any 3rd party report writer (Crystal shown)
- Open RDBMS
- Schema training during implementation
- Report libraries & custom development available

The screenshot shows a report window with the following data:

Match Ref	Match Date	Entry Date	Trade Date	Settle Date	Security	Description	Quantity	Price	Position
Subtotal of 1/15/2003									
							401,886.03		399,686.36
Transactions entered in U.S. Dollars (USD)									
Ref	01/15/2003	01/15/2003	02/01/2003	02/03/2003	300000000	General Electric	400	9.98	-4,000.76
	01/15/2003	01/15/2003	02/01/2003	02/03/2003	100000000	Bank of America	1000000	9.98	-10,000.00
Ref	01/15/2003	01/15/2003	02/01/2003	02/03/2003	9999999	Unsettled Trades	1	9.98	26,764.76
Weekend									
	01/27/2003	01/27/2003	01/27/2003	-1.900		off the money in fees		14,126.62	0.00
	01/31/2003	01/31/2003	01/31/2003	-1.900		US Treasury securities fees		-2,007.04	0.00
Transactions entered in U.S. Dollars (USD)									
							27,859.68		26,717.76
Total Adjusted Position							402,001.11		426,174.16
Total unaccounted balance for USD									3.88



■ Customers



■ Partners



- TLM™ is designed to offer significant streamlining opportunities in any back-office
- The component parts of TLM™ are market leading solutions in their stand-alone iterations and can be easily integrated
- TLM™ Reconciliation is the most robust reconciliation and exception management solution available on the market
- Exception management and reconciliation can be combined in a single solution thus enhancing efficiency
- TLM™ is already in use by several industry leading organizations

