

FIS

GT.M – the Ideal MUMPS platform for VistA

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FIS: A Market Leader



30,000 employees worldwide

More than 40 years of market leadership and \$5 billion in 2009 pro forma revenue

Member of the Standard and Poor's (S&P) 500 index

#1 technology provider to the global financial industry

14,000 clients in more than 100 countries

25 strategic operating centers outside the U.S.

Clients include 9 of the top 10, and 40 of the top 50 global banks



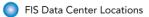


Global Locations





FIS Office Locations





GT.M Today ... 1



- High end transaction processing database application platform
 - _Robust, fast & secure
- Includes a database engine, compiler for ISO standard M (MUMPS)
- The most widely used MUMPS in banking and finance Primarily because of EIS Profile (http://fis-profile.com)
 - Primarily because of FIS Profile (http://fis-profile.com)
 Live since 2005 at the then largest real-time core processing
 - Live since 2005 at the then largest real-time core processing system in daily production use at any bank anywhere in the world that we were aware of
 - Processing volumes have grown 50% since then
 - •Completed benchmarks: 1.5x that largest system on x86 Linux; 3x that largest system on proprietary UNIX
 - Largest single database file created in a benchmark: 2TB
 - Databases in hundreds of GB are very common
 - On x86 Linux platform, name brand US bank processing millions of accounts



Recent developments ... 1



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CORE			d Largest Retail Bank,	
DOCUMENT OUTPUT	Goes l	_ive with FIS Profi	le Core Banking Suite	
EBANKING	on GT.	Μ	-	
EPAYMENT			illian in apparts of E-million clients and a petwork of almost 500	
HEALTHCARE	branches through	nout the country, has gone live with the FIS Pro	illion in assets, 4.5 million clients and a network of almost 500 ofile® core banking suite running on GT.M. This is a significant	
IMAGE		solidating our success in the highly demandir	ng Russian banking market.	
LENDING	Click here to read	I the press release		
RISK, FRAUD & COMPLIANCE				
SALES AND SERVICE				
TECHNOLOGY PLATFORMS				
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Recent developments ... 2



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CHECK				
CORE	FIS Wins IBM Beacon Award for Outstanding			
DOCUMENT OUTPUT	Enterprise Application Solution			
EBANKING	FIS was selected for the award based on its core Profile/GT.M conversion for Government Savings Bank (GSB) in Thailand, the country's fourth largest bank. The conversion was completed within a 16 month timeframe, and included the entire branch and back office technical infrastructure of the bank and 20 million deposit and loan accounts.			
EPAYMENT				
EPAYMENT				
	Two weeks after going live with Profile in a full production environment, GSB introduced new savings products that resulted in			
HEALTHCARE	Two weeks after going live with Profile in a full production environment, GSB introduced new savings products that resulted in significant market share gains and achieved 107 percent of its product launch goal in the first 30 days. In addition, the cost efficiencies and currency float attained on the new savings products alone more than paid for the FIS Profile/GT.M system, a			
HEALTHCARE	Two weeks after going live with Profile in a full production environment, GSB introduced new savings products that resulted in significant market share gains and achieved 107 percent of its product launch goal in the first 30 days. In addition, the cost efficiencies and currency float attained on the new savings products alone more than paid for the FIS Profile/GT.M system, a return on investment in less than 12 months.			
HEALTHCARE IMAGE LENDING	Two weeks after going live with Profile in a full production environment, GSB introduced new savings products that resulted in significant market share gains and achieved 107 percent of its product launch goal in the first 30 days. In addition, the cost efficiencies and currency float attained on the new savings products alone more than paid for the FIS Profile/GT.M system, a			

GT.M Today ... 2



- Increasingly used in healthcare
 - Most widely used platform for VistA outside the US Federal Government, ranging from clinics to large hospitals
- Loyal user base



Technical Position



- Performance and MUMPS functionality
 - About the same as other MUMPS
- Administration and Operations Robust and Easily Automated with scripting
 - Online backup, reorg, integ
 - Configuration of databases and environments
 - Continuity of business with logical multi site (LMS) application configurations
 - Support for continuity of business in the face of both unplanned and planned events
 - Encrypted databases
 - Unicode support



GT.M – Benefits

- Technical
 - Security and integrity
 - Continuity of business
 - Open architecture



Security and Integrity



- Proven in banking & finance
 - System of record for tens of millions of bank accounts in North America, Europe & Asia
- Uses underlying operating system
 - Clearly articulated security model
- Processes run as user level processes
 - No database daemon
- All updates recorded in journal file
 - Journal files are never reused
- Database encryption
 - Plug-in architecture allows your choice of encryption algorithms / libraries



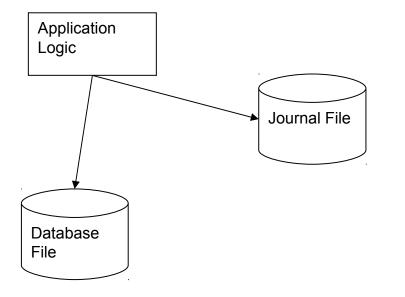
Continuity of Business



- Unique functionality for creating logical multi site operation
 - 1 originating instance streams to up to 16 replicating instances to up to 256 tertiary instances...
- Keeps application available during not only unplanned events but also planned events

GT.M – Basic Database Operation

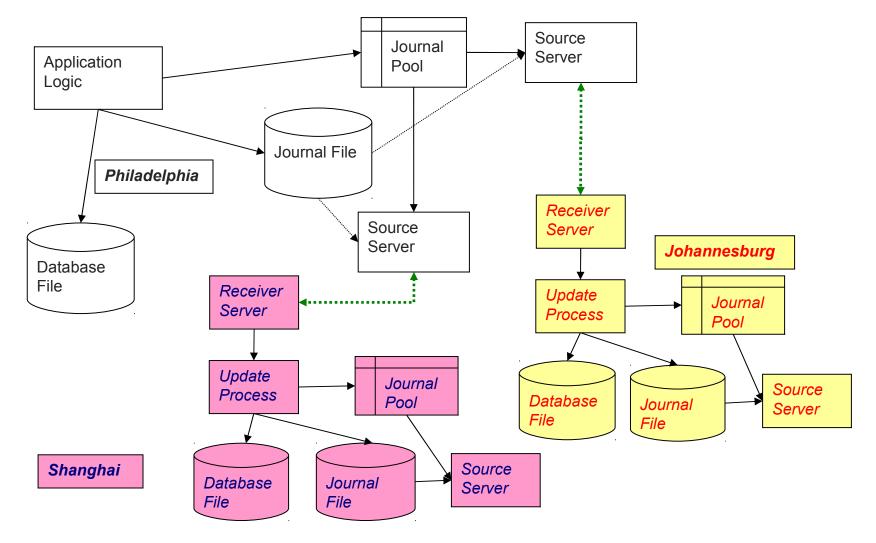






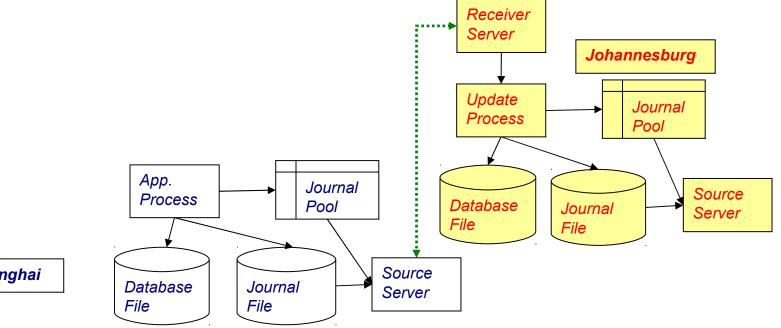
GT.M – Logical Multi-Site





GT.M – Philadelphia Down



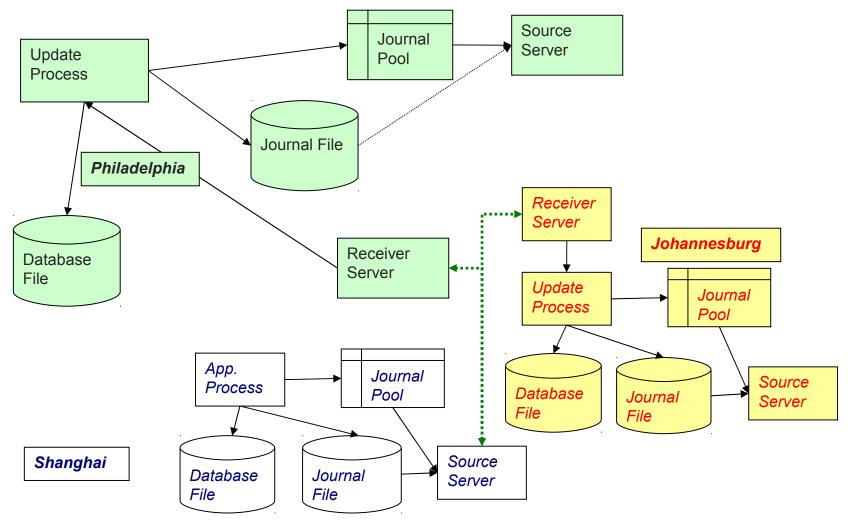


Shanghai

FIS

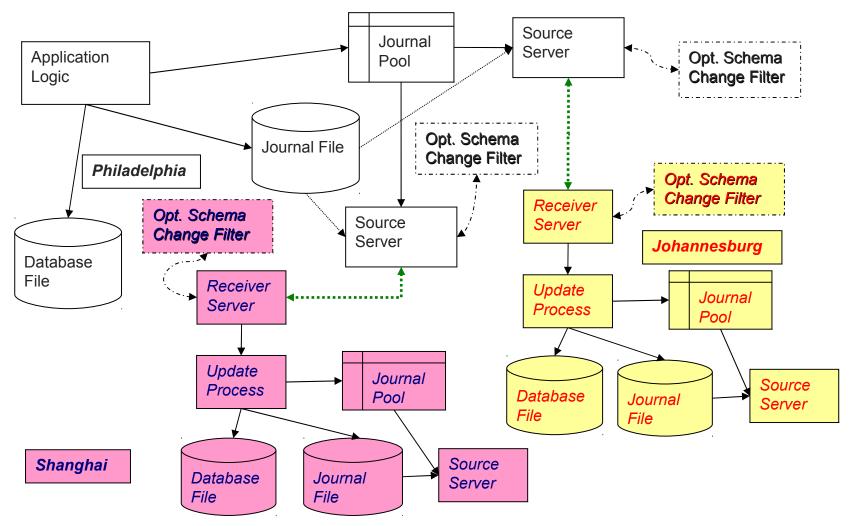
GT.M – Philadelphia Recovers





GT.M – LMS + Schema Change





Open Architecture



- Integrates well with operating system
 - Freely integrate functionality available in underlying operating system –inetd / xinetd for deploying web services, TZ environment variable for timezones, etc.
- Leverages existing software
 - Development tools CVS, emacs, vim, etc.
 - Graphical IDE Serenji (http://georgejames.com)
 - Objects ESIObjects (http://esiobjects.org), PIP (http://fis-pip.com)
 - SQL/ODBC/JDBC Medsphere Fileman Projection (https://medsphere.org/community/project/fm-projection), PIP, KB_SQL (http://knowledgebasedsys.com)
 - AJAX / Web 2.0 / iPhone applications EWD / iWD (http://mgateway.com)



GT.M – Benefits

- Technical
 - Security and integrity
 - Continuity of business
- Business
 - Cost effectiveness
 - Easy to do business with





Cost effectiveness



- FOSS (Free / Open Source Software) on:
 - x86 GNU/Linux
 - HP Alpha/AXP OpenVMS
- Reasonably priced on other platforms
 - IBM System p AIX
 - IBM System z Linux & z/OS
 - Sun SPARC Solaris
 - HP Integrity (Itanium) HP-UX & Linux
- Fully supported on a commercial basis on all platforms



Easy to do business with

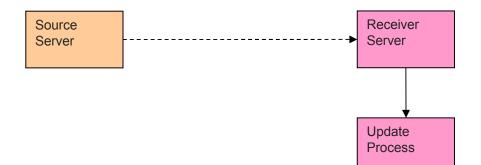


- Simple licensing
- Simple pricing
- 24x7 support



Coming up – from LMS

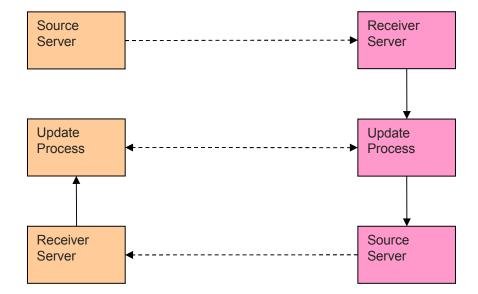






... to LMX







Questions / Discussion



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