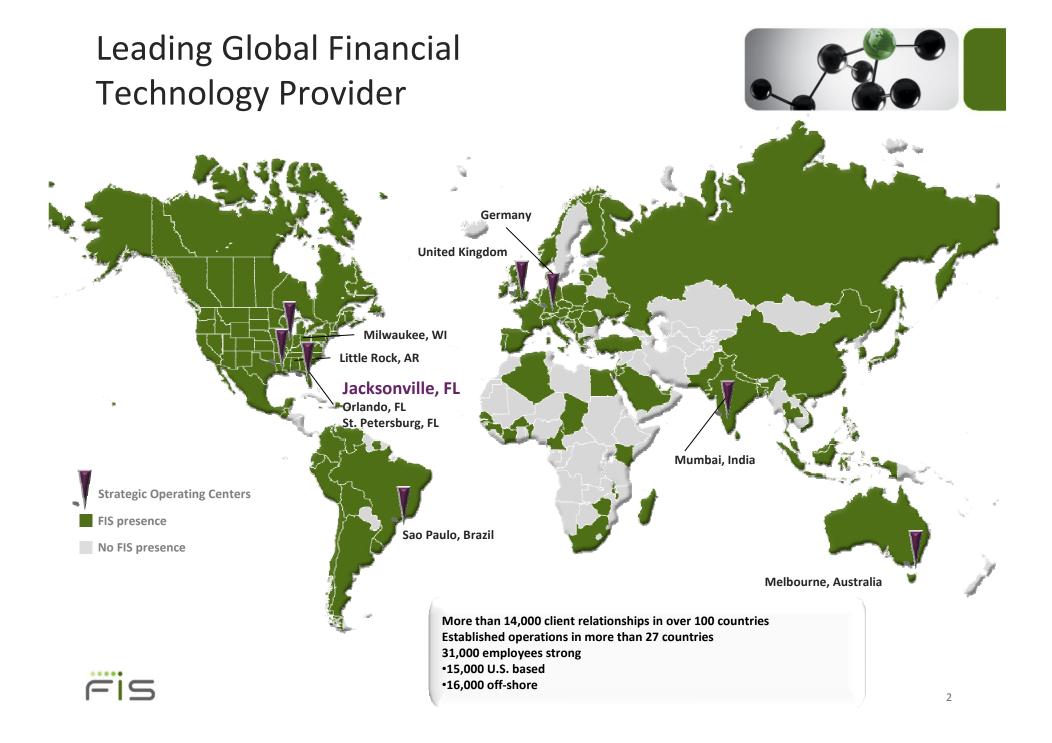




IBM Beacon Award Winning Case Study

August 31, 2010 – Customer Experience



FIS



Global Reach

More than 30,000 employees serving over 14,000 clients worldwide

Solution Leadership

Relationships with 40 of the top 50 global banks, including nine of the top 10

Core Relationships

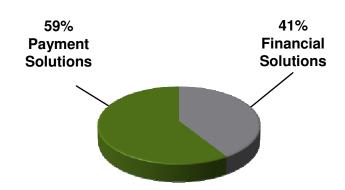
2,600 core processing customers, including 20 of top 50

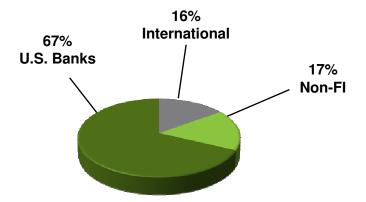
Expansive Payments Base

Approximately 7,000 debit, credit and prepaid card issuers

Growing Non-FI Base

Healthcare Government Commercial





> \$5 Billion 2009 pro forma Revenue

> \$1.4 Billion 2009 pro forma EBITDA



Financial Solutions Group



Core Processing

- 2,300 core processing clients
- 9 out of 10 top banks
- 18 of the top 25 banks ranked by Tier 1 Capital are clients of ACBS
- 88 percent of N.A. deposit new accounts scored
- More than 1,500 financial institutions
- More than 4.5M consumers
- More than 350,000 business users
- Four-plus million voice response unit calls monthly

Channel Solutions

Treasury and Cash Management

- Industry-leading account analysis
- More than three million accounts
- Largest provider of multi-bank cash management services

- 200 financial services clients
- ASP Technology with optional BPO services
- Over \$700B in assets

Wealth Management



FIS: Focus on Clients



Domestic:

- 45% of commercial banks
- 50% of credit unions
- 73 % of all credit card issuers
- 80% of debit volume
- 34 % of all consumer debt
- 25 % of all demand accounts
- More than 3.5 billion checks
- More than 8 million loyalty accounts
- More than 215 million debit cards and 60,000 ATMs
- More than 2 million POS connections

International:

- EMEA, APAC and Latin America
- 5 of the top 5 world banks
- 47 of the top 100 world banks
- More than 180 million prepaid cards
- 600 million prepaid transactions processed annually
- More than 4,000 financial institutions on credit card processing
- More than 70 million credit card accounts
- Operating centers in 27 countries

Trusted Scale and Global Reliability



Recognized Industry Leader





"Best Prepaid Service Provider"











"Top 5 in Technology Innovation"

ABIresearch®

"#1 mobile banking vendor"



Outstanding Enterprise
Application Solution by an ISV

Gartner.

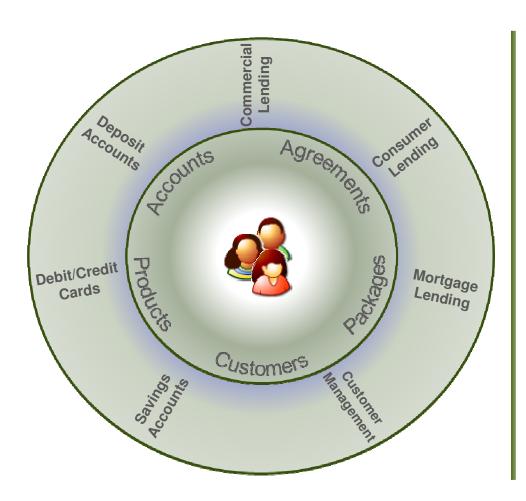
"Leaders'
Quadrant
Internet
Fraud
Solution"



Profile

"Single Deposit, Loan and Customer Platform"





Customer Information Management

- √Individuals, institutions and customers
- √Supports packages and agreements
- √Links internal and external accounts

eposits	Loans
DA/MMDA	✓Consumer
/D, T/D	✓Commercial
avings	√Mortgage
etirement	√Revolving
etirement	√Revolving

Design Features

- √On-line, continuous real-time processing
- √Integrated product factory
- ✓ Market-of-One product customizability
- **√Channel independent architecture**
- √Multi-language and multi-currency
- √ Database and OS independent
- √Integrated browser user interface
- √Highly extendable component architecture



Profile® Real-time Core Processing Solution



Now-Gen Architecture

- Proven, Real-time and straight-through
- Channel-agnostic services and TP
- Product Factory component model
- Industry standard services ¹
- Real time MIS, ad-hoc and BI

Compelling Metrics

- Dramatically improved efficiency
- 2x Customers per Back Office FTE
- 50% to 300% Improvement in TTM
- 99.999% Availability 24/7/365
- Massively Scalable (100mm+ accts)

A Modular Solution

- Retail, commercial, corporate
- Direct (JDBC) and Xpress (SOA)
- Customers, Deposits and Loans
- Global, customer-centric view
- Browser-based User Interfaces (UI)

Highly Configurable

- Common product inventory
- Platform-agnostic: Unix, Linux & z/OS
- Single or Multilanguage
- Single or Multicurrency
- Multiple Business Continuity models

¹ Interactive Financial Exchange (IFX) Reference





89% Time To Market Reduction

charles SCHWAB

Real-Time Brokerage Integration





Fastest growing Direct Bank EVER



First Linux production install





From Retailer to Banker

720 Branch Locations - 18 Million Customers



Worldwide Installations

Profile North America Sample Client List





































Profile International Sample Client List





































Profile - Real-life Results



Innovation and competitiveness

- Reducing the time required to define and take new loan products to market by 93%
- Reducing the time required to define and take new deposit products to market by 400%

Single integrated system

- Implementation in 6-9 months
- Large scale conversions in 12-18 months

Efficiency

- Cost to income ratio for Retail Banks improved to 45%
- Cost to income ratio for Direct Banks improved to 37%
- Reduction of back office expenses by 30%-50% due to elimination of exception processing

Profitability

Return on Assets increased by 50%





Award Winning Case Study

Government Savings Bank – Thailand





Government Savings Bank, Thailand The Client



- Public sector bank 100% owned by the Thai government
- Operated under the Thai Ministry of Finance
- Rank Number 5 in Domestic Bank Asset Size
 - More than 20 million accounts
 - 18 million active deposit accounts
 - 2 million active loan accounts
 - 75 million history records
 - USD 33 billion in assets as of the end of 2009
 - 100 Distinct Products
 - 740 conventional branches
 - 1,300 automated teller machines
 - Banking services through in-school branches operated by students and through locally owned nonprofit community banks in rural areas
 - 1,000+ employees collect deposits & loan payments on foot from street vendors, via mobile devices



Source: FIS. GSB



Government Savings Bank, Thailand And..Truly Mobile Banking



45 mobile banking vans, 2 mobile banking riverboats, buses and motorcycles









Source, Government Savings Bank, Thailand (GSB)





Government Savings Bank, Thailand Challenge:



- 18-year old highly modified core banking system causing:
 - Frequent service outages
 - Prevented implementation new products, modifying existing products (and pricing)
 - Extended processing hours required for peak volume
- Teller system no longer supported by vendor
- Limited resources due to strict government regulations for major expenditures by public service organizations. (Financial Considerations)
- 16-month conversion timeframe with no scheduled downtime for the bank or its customers (for phase 1 of the project)
- Preserve bank's mission to provide services to Thailand's unbanked population, a
 historically underserved market. For the duration of the project the bank never
 failed to embrace its role as "the bank for the people" and continued to focus great
 effort on solving the poverty problems of the country's unemployed and poorest
 citizens.





Government Savings Bank, Thailand The Project



- Core Software Modernization Project
- Government proscribed procurement process issued in November 2007
 - Seven vendor responses evaluated 2 short listed
 - Contract in June 2008 for FIS Profile
- Software acquisition includes:
 - Core Banking System
 - Profile Direct for Branches
 - IBM Pseries and AIX as processing platform
- Implementation target mid-October 2009
- Project:
 - One month training followed by 3 month gap analysis
 - Customization required 6 months effort
 - Concurrent creation of test data
 - User Acceptance test next 4 months 3 releases by product type
 - Project management meetings weekly
 - Issues bought to change management maximum one week turnaround



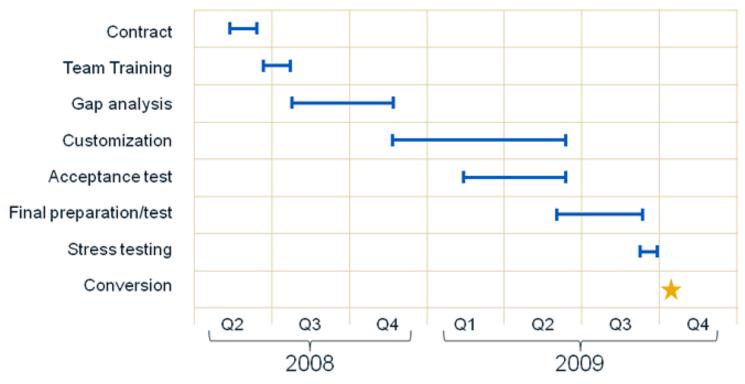


Government Savings Bank, Thailand Project Overview





Milestones of Government Savings Bank, Thailand, Core Modernization Implementation (2008–09)



Source: Government Savings Bank, Thailand, TNIS





Government Savings Bank, Thailand Results



New Product Impact 6.24 Billion Baht Profit Per Year

- November 2, 2009
 - First new product implemented, bank introduces Premium Savings
 Deposit - 5 year term CD with "Lucky Draw" rewards
 - New premium product deployed in days, GSB set target to achieve new deposit income of 70 billion baht in 6 months – GSB achieved new deposit income of 77 billion baht in first month!!
 - Gained 107% of product launch goal in first 30 days

January 2010

- Once a year GSB bank runs a special Children Account program in 2nd week of January, this is typically the highest volume day of the year for the bank.
- Post implementation first time in history that the bank was able to process all new account openings on the same business day for Children's day - 200,000 new accounts
- Pre-conversion processing 2 + days of extra (24 hours) back office processing to open the accounts





Government Savings Bank, Thailand Results



Projected Project ROI in Less than 12 Months

- Bank Efficiency Gains:
 - Ease of Account Opening = 43.75 Million Baht Per Year
 - Sweep Account Processing = 73 Million Baht Per Year
- Growth:
 - Asset and Deposit Growth of 30%
 - Loan Outstandings Gowth of 42.4%
 - Projected Year-Over-Year Growth of 18.5%
 - Moved National Rank from 5th to 3rd Largest Bank in Country







IBM Components



Hardware List – Server room



Hardware Type	Production Server				
Software name	Profile Core Banking				
Brand / Model	IBM System p5 590				
No.	2				
Hardware Type	Disk Storage				
Brand / Model	IBM System Storage DS8100 turbo				
No.	1				
Hardware Type	SAN Director				
Brand / Model	Cisco MDS9506				
No.	2				





Hardware List – Server room



Hardware Type	Virtual Tape				
Brand / Model	IBM Virtualization Engine TS7520				
No.	1				
Hardware Type	Tape Library				
Brand / Model	IBM System Storage TS3500 Tape Library				
No.	1				
Hardware Type	Tape Drive				
Brand / Model	IBM System Storage TS3100				
No.	1				





Hardware List – Server Room - Utilities



Utilities Software	Backup Software				
Software name	IBM Tivoli Storage Manager Extended Edition				
Hardware Model	IBM System p5 510				
No.	1				
Utilities Software	Job Scheduling				
Software name	IBM Tivoli Workload Scheduler				
Hardware Model	IBM System p5 510				
No.	2				
Utilities Software	System Management & Monitoring				
Software name	IBM Tivoli Monitoring				
Hardware Model	IBM System p5 510				
No.	3				





Hardware List – Server Room - Utilities



Utilities Software	Web server			
Software name	Apache			
Hardware Model	IBM System p5 510			
No.	2			
Utilities Software	Antivirus Software			
Software name	NOD32			
Hardware Model	IBM System x3550			
No.	1			
Utilities Software	Application Deployment Software			
Software name	IBM Tivoli Provisioning Manager for Software			
Hardware Model	IBM System x3550			
No.	2			





Hardware List – Server Room - Utilities



Utilities Software	Continuous from Laser Printer Management				
Software name	PReS Designer				
Hardware Model	IBM System x3550				
No.	1				

Summary		
Utilities Server (Unix-based)	IBM System p5 510	8
Utilities Server (Windows-based)	IBM System x3550	4





Hardware List – Server Room – Printer Room



Hardware Type	Continuous form laser printer			
Brand / Model	OCE' VS7000			
No.	1			
Hardware Type	Line Printer			
Brand / Model	Printronix P7220			
No.	2			





Hardware List – Server Room - Network



Hardware Type	DWDM			
Brand / Model	Cisco ONS 15454			
No.	1			
Hardware Type	Layer 4 Gigabit Ethernet Switch			
Brand / Model	F5 BIG-IP 6400			
No.	2			



IBM & FIS Alliance Value



Market Leadership

 #1 Overall Banking Solutions Provider Combination

Global Banking Franchise

- Shared Customer base on a global scale across entire STG Platform range
- Over \$250 Million in annual workload to protect and retain
- Most comprehensive solution offerings for customer retention of any STG customer or deployment options for any STG prospect in the banking industry

Shared Vision

- Banking Industry Framework
 - CC&I Validated
 - Core Banking Transformation (nearly validated)

Complimentary Technology Stacks

- FIS strategic solutions support all STG platforms
- FIS CTE is IBM z, IBM p



	Most Admired Vendor	Most Used Vendor
IT Services	IBM	IBM
Core Banking	Fidelity (FIS)	Fidelity (FIS)



Smarter Decisions IBM and FIS







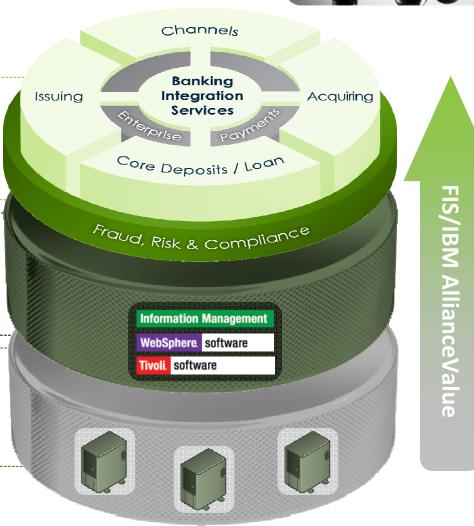
Enterprise Software

(IBM WebSphere WAS/WPS , Infosphere MDM, Tivoli, IM DB2)



Platform and Infrastructure

(z9/z10 EC & BC, p6, Storage)





Note: Only intended to show functional component and value area's. Each functional component within IBM is related to a specific area (i.e. IM, SWG or STG) and can contain a wide range of applicable products and services

Note: DB2 zOS support for Profile is scheduled for Q4/2010, TouchPoint/Xpress already support DB2 zOS

Target Platform Overview



DASD













IBM System z











IBM

System i

IBM System p



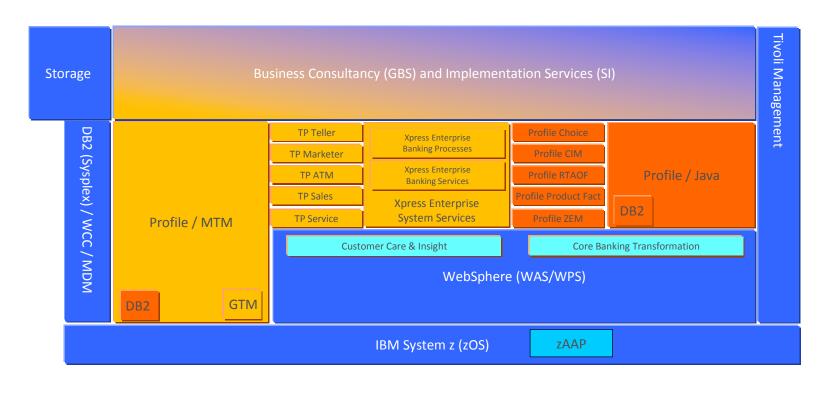


IBM Platform	System z	System z9/10	System i5	System i5	System p	System p
OS	zOS	Linux	AIX	Linux	AIX	Linux
FIS Core/Channels	Profile / TP	Profile / TP	Profile / TP	Profile / TP	Profile / TP	Profile / TP
Solution	Systematics	Profile / TP	Horizon	Profile / TP	Profile / TP	Profile / TP
RDBMS	DB2 zOS	Oracle / DB2	DB2 / DB2/400*	DB2 / DB2/400*	DB2	DB2



IBM/FIS SSG – BlueStack (System z / zOS)







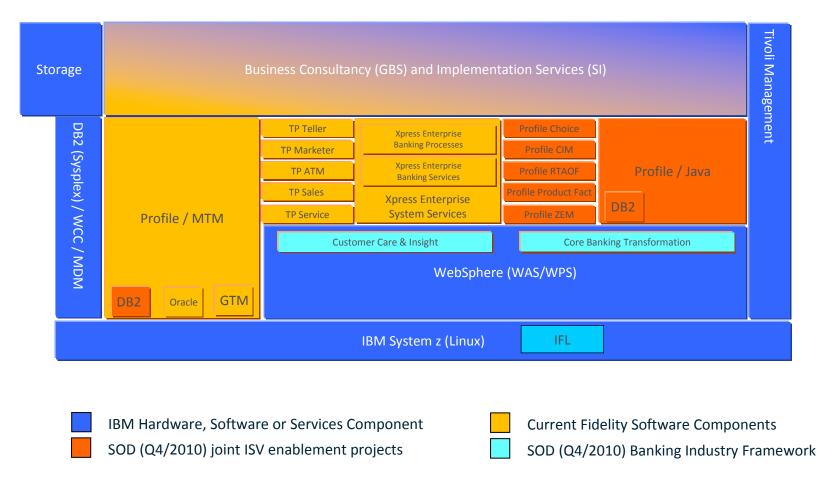
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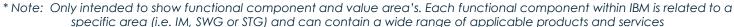
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IBM/FIS SSG – BlueStack (System z / Linux)



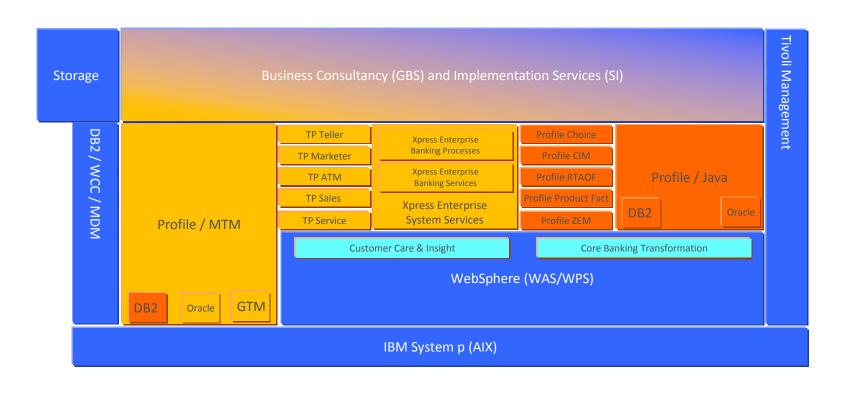






IBM/FIS SSG – BlueStack (System p / AIX)







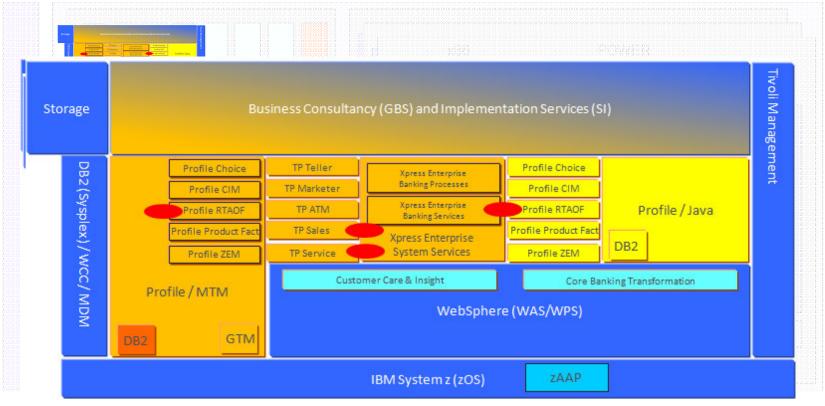
^{*} Note: Only intended to show functional component and value area's. Each functional component within IBM is related to a specific area (i.e. IM, SWG or STG) and can contain a wide range of applicable products and services

[•]Note: Shown solution is also applicable to System i (AIX/Linux), joint enablement and GTM on this platform will depend on mutual agreed upon market opportunity and business case



IBM/FIS SSG – BlueStack (zEnterprise) "Mix and Match"







IBM/FIS z10 "Smarter Banking"







IBM Smarter Software



IBM System z10 Enterprise Class

IBM System z10
Business Class









Thank You.

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