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Introduction

Please note that any advice contained in this presentation is not intended or written to be used, and should not be used, as legal advice.

Agenda

- Introduction
- Industry Trends (Marc Stark and Joe Zanko)
- An Overview of the Regulatory Environment (John Ayanian)
- Identifying Key Security Issues (Peter Watt-Morse)
- Wrap-up and CLE information

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Overarching Issues Impacting the Financial Services Industry

- Regulatory changes
 - Emerging FINRA Rules (e.g. 3190)
 - Dodd-Frank Act
 - Stricter capital requirements (e.g., Basel III)
- Market turbulence/uncertainty
- Continued margin pressures
- Overcapacity
- Continued industry contraction



Key Services Trends by Segment

Banking	Capital Markets	Insurance
 Increasing regulatory scrutiny forcing core operational changes 	 Evolving regulatory requirements forcing operational changes 	 Increased margin pressures pushing continued evaluation of alternative operating models
 Difficult market conditions putting new pressure on operational efficiency 	 Continued pressure on back and middle office operations to transform operating models and enable a lower cost, high- 	 Slow but continued expansion of alternative delivery models with horizontal process areas
 Continued expansion of alternative operating models 	performance environment	(Finance, HR)
 for horizontal process areas Continued expansion of alternative operating models 	 Profitability challenges due to excess capacity and increased capital requirements 	 Financial pressures forcing continued adoption of alternative models for middle-office operations (claims,
for core operational areas	 Increased adoption of outsourcing 	calls, underwriting)
	 Continued evaluation of viability of captive operations 	 Intense competition and increased customer turnover



Financial Services Firms are Increasing Outsourcing in Response to Unrelenting Market Pressures

Outsourcing gaining strength

- Investment banks are increasingly opting for a buy model to support their transactional processes, rather than housing them in their local or offshore centers
- This is primarily being driven by a need to lower costs by leveraging the scale of the outsourcing provider and its expertise and experience
 - Two large financial institutions have recently sold off their captive centers in India to outsourcing providers and are purchasing services back under BPO arrangements
 - Several other institutions are in the process of outsourcing activities from their captive operations, or are in early planning stages

More value-added work moving to captives

- As the SSCs mature, banks are now looking at moving more high-end, complex or analytical processes to their offshore centers, while they move more vanilla processes to third parties. Examples at several institutions include:
 - Many institutions are adopting multigeography strategies (even, at times, with multiple sites in a single country)
 - One European institution uses its nearshore centers in the US and UK, to support any outages in its offshore centers
 - Banks are also mitigating risk by adopting multivendor strategies, moving toward a stable of vendors as opposed to a single partner

Decreasing risk appetite makes banks adopt a multilocation strategy

- More banks are now spreading their operations across locations in an effort to decrease their dependence on certain geographies and ensure business continuity of processes
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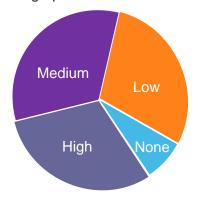


Shared Services and Outsourcing: Well-Established Methods for Managing SG&A Functions

Shared Services has become the delivery model of choice...

Over 80% of Large Companies Have Adopted Shared Services

Level Integrated Across Functions, Geographies & Business Units

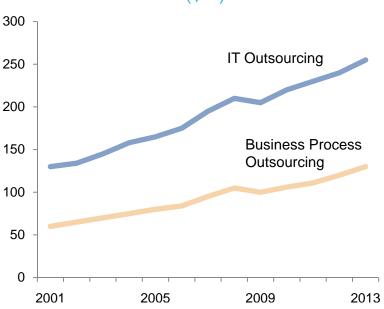


Of these, nearly two-thirds are operating in a model that is multifunctional and globally integrated

Source: Corporate Executive Board

... with a growing portion of services delivered through outsourcing

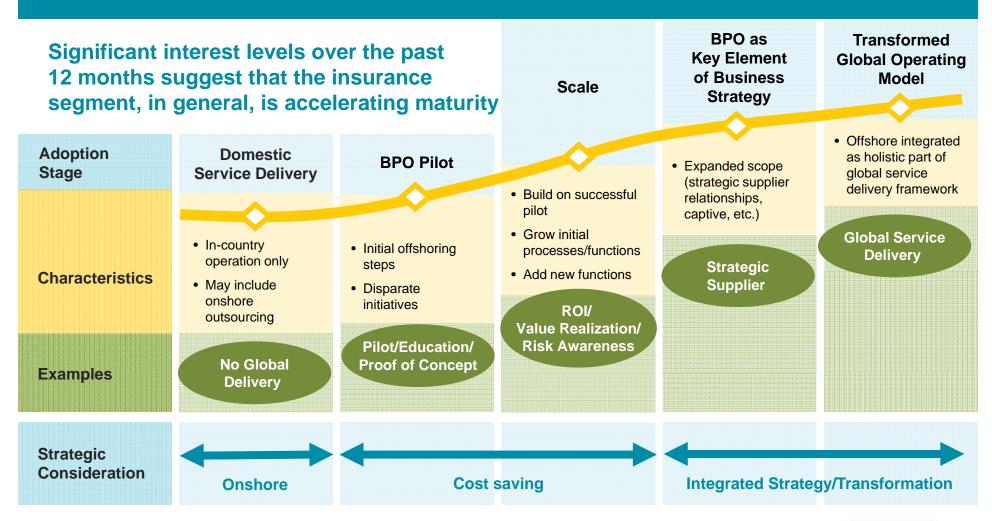
Global Outsourcing Expenditures (\$ B)



"Gartner on Outsourcing, 2009 - 2010," Gartner, Inc., December 23, 2009



For Many Organizations, Their Approach into a Leveraged Service Model Follows a Traditional Maturity Life Cycle







FINRA Regulatory History

NASD Notice to Members 05-48 – July 2005

- Primary focus on accountability and supervision
- Prohibitions on outsourcing certain "covered activities"
 - E.g., order taking, handling of customer funds and securities, and supervisory responsibilities
- A member may not "contract its supervisory and compliance activities away from its direct control"
 - "Does not preclude a member from outsourcing certain activities that support the performance of its supervisory and compliance responsibilities"

Background

- Clarify obligations and supervisory responsibilities
- Codify FINRA outsourcing guidance
- Require additional obligations for clearing and carrying members

General Requirements Applicable to All FINRA Members

- Continued responsibility to comply with applicable securities laws and FINRA and MSRB rules
- No delegation of responsibilities for, or control over, covered outsourced activities
- Supervisory system and written procedures for covered activities
- Registration and qualifications
- Ongoing due diligence requirements

Clearing and Carrying Firms

- Restrictions on outsourcing specified activities
- Oversight requirements
- Notifications to FINRA
- Exceptions

Restrictions for Clearing and Carrying Firms

- A clearing or carrying member shall "vest" an associated person of the member with the "authority and responsibility" for:
 - The movement of customer or proprietary cash or securities;
 - The preparation of net capital or reserve formula computations;
 and
 - The adoption or execution of compliance or risk-management systems.

Clearing and Carrying Firms Must Adopt Procedures to:

- Enable the firms to take "prompt corrective action" to achieve compliance with applicable securities laws and FINRA and MSRB rules
- Approve transfer of third-party service provider duties to a subvendor

Notification Requirements for a Clearing or Carrying Member

- Must notify FINRA of outsourcing agreements with third-party service providers and subvendors "to perform any function or activities related to the member's business as a regulated broker-dealer" within 30 days of entering into the agreement
- Within three months of rule adoption, must notify FINRA of all such outsourcing arrangements in effect as of the rule's effective date

Notification must include:

- Functions being performed by a third-party service provider (and subvendors if known)
- Identity and location of the third-party service provider (and subvendors if known)
- The identity of the third-party service provider's regulator (if any)
- A description of any affiliation between the firm and the third-party service provider

Exceptions:

- Ministerial activities
- Carrying agreement approved under FINRA Rule 4311

FINRA Regulatory Notice 11-14

Status of Rule Proposal



Security: Key Outsourcing Issue

- Regulatory Requirements
- Potential Damages
 - Amount of Damages vs. Service Costs
 - "Customer Relation" Payments
 - Cost of Corrective Measures
- Reputational Risk

Regulatory Background

- Federal Reserve
 - Federal Reserve Bank of New York:
 - White Paper
 - Independent validation of security processes
 - Responsible for management
 - Federal Reserve Board (FRB):
 - Supervisory Letter
 - Institutional controls for security are at least equivalent to internal controls

Regulatory Background

- FDIC
 - Guidance:
 - Structure agreements to protect against internal and external security threats
 - Recommendations:
 - Due diligence/risk assessment
 - Monitoring/audit
 - Termination rights

Regulatory Background

- Examinations OCC, OTS, FFIEC
 - Compliance with Section 501 of Gramm-Leach-Bliley
 - Comprehensive information security program to safeguard nonpublic personal financial information
 - Security Guidelines:
 - Outsourcing agreement includes all requirements contained in customer's internal written information security program
 - Information Access:
 - Transparency
 - Limits on service provider

Due Diligence

Vendors:

"Don't worry – our security protections are adequate":

- ✓ "We will provide you the same protection we provide for our own information"
- ✓ "We are regulated and those regulations protect you"
- ✓ "You cannot review our internal procedures based on confidentiality/security concerns"

Due Diligence

Understand the what, where, who, and how

- ✓ What is the security offering vs. What are the security requirements?
- ✓ What types of data will be processed/hosted?
 - Nonpublic personal information (NPPI), business-sensitive information
- ✓ Where are the services being provided?
- ✓ Who is providing the services?
- ✓ How is data segregated and used?
 - May vary by environment (production, DR, backup, archive)

Work with Security, Audit, Risk, DR, Compliance

Due Diligence

- Importance of getting respective teams together
 - Early in due diligence process contract and exhibit documents align with discussions
- Comparison of security policies:
 - Meeting or exceeding internal security
 - Bridging the gaps
 - Attachment to contract
- Complete independent risk assessment

Contract Provisions – Confidentiality

- Confidentiality Provisions:
 - Important but not sufficient need process standards, monitoring and management, breach response
 - Issues:
 - Vendor Sensitive Information balancing transparency/vendor confidentiality
 - Segregation of Data access and third-party information

Data Protection

- Ownership of Data
- Limitations on Other Uses
- Storage
 - Backup
 - Access
 - Return
- Record Retention
 - Policy alignment
 - Litigation holds/regulatory requirements
 - Destruction protections

Data Protection

- Changes to Security Policies
 - Regulatory Requirements (e.g. PCI)
 - Customer-Initiated
 - Change management process
 - Vendor-Initiated
 - No negative impact on security
 - Advance notice/documentation compliance
 - Cost issues

Data Protection

- Customer Data (NPPI)
 - Compliance with GLBA
 - Compliance required of subcontractors
 - Ensure proper disposal of NPPI
 - Provide notice and information regarding breach, including payment for resultant credit monitoring services
 - Fair Credit Reporting Act (Red Flags)
 - Massachusetts Regulations
 - 3/1/12 Certification

Audit

- Who Conducts Audit?
 - Existing Internal Processes Independent Auditors
- Frequency
 - Annual Plus
 - Breaches
 - Policy Changes
- Vendor Audits
 - Right to Notice of Results
- Regulatory Requirements
- SSAE16

Subcontractors

- "Permitted Subcontractors"
 - Right of Approval/Customer Data
- Standards
 - GLBA Compliance
- Revocation
 - Regulatory Issues
 - Change Management
- Audit Rights

Remote Workers

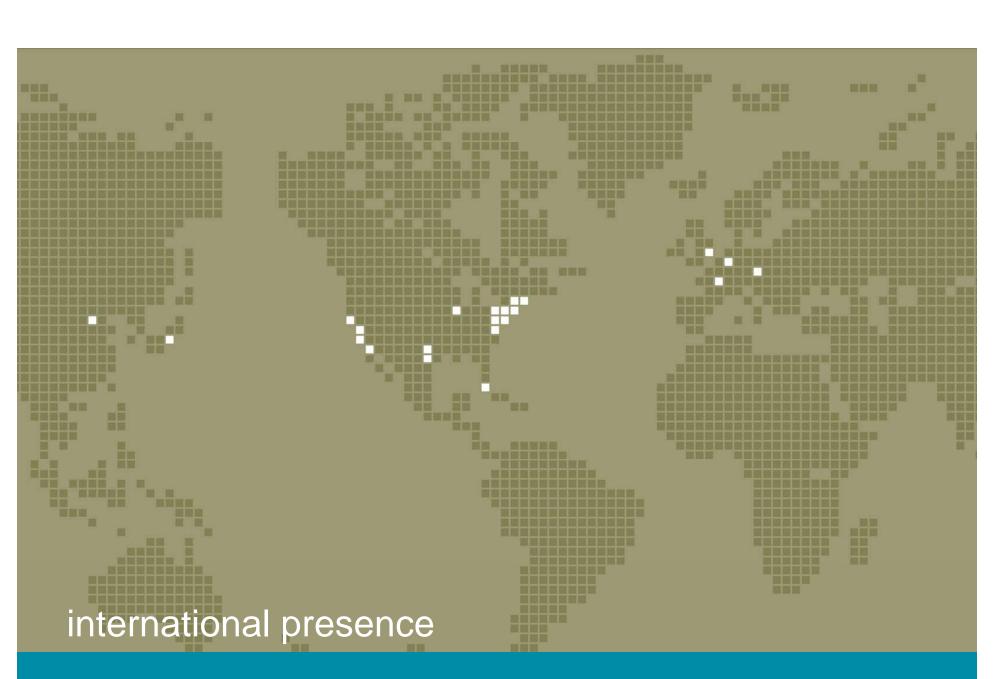
- Worldwide mobile worker population will grow to 20% of workforce (1.19 billion people) by the end of this year
- Review internal policies
 - Laptops, mobile devices, noncompany devices, network connections
- Align vendor policies
 - Passwords, monitoring requirements, antivirus software, local storage, encryption, incident management
- Monitoring/future modifications

Data Breach

- Requirements for Notice
 - Security vs. Data Breach
 - Investigation/Transparency/Participation
- Remediation
 - Remedial Plan Acceptance Testing
 - Change Management

Data Breach

- Liability
 - Cap Issues
 - Costs of investigation/notification/monitoring excluded from cap
 - Consequential Damages
 - Primary damage
 - Exception to exclusion
 - Nonexcluded but capped



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