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Best Practices in Enabling Enterprise Risk Management

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Overview

- What's driving interest in ERM
- Concept of an ERM infrastructure
- Barriers to effective ERM
- Components of a 'best practices' ERM infrastructure
- Interesting ERM case studies throughout

Scope: What is ERM and what is driving it?

- Minimum Capital Requirements and Liquidity Covenants
- Supervisory Review of Internal Controls & Capital Adequacy
- Public Disclosure of Risk Management by Companies
- Validation of accuracy and integrity of financial management
- CEOs and CFOs must personally certify that their companies' statements are complete and accurate

RISK Management

- Market
- Credit
- Operational

Who Cares?



CIO's Care:

- CIOs are faced with both sides of the business; needs for growth and expansion and cost justification for each IT project.
- Institutions are spending Millions each year on IT but feel they have reached the limits that enable them to contain costs yet enable large-scale acquisitions.



CFOs Care:

- In the post Sarbanes-Oxley environment where CFOs are asked to sign off on financial statements, the quality of data and the systems that produce that data are being scrutinized now more than ever before.
- Growth can only come with efficient architectures and synergistic investments in technology.



CRO's Care:

- Risk compliance in financial institutions has become more complicated by a number of regulations such as Basel II accord and USA Patriot act.
- A siloed approach to compliance is no longer valid, significant savings can be found in the pooling of initiatives around risk.



CMOs Care:

- In an environment where CMOs are being asked to grow revenues with less manpower than ever before, new regulations are getting in their way of being effective.
- Privacy policies, and opt out policies are destroying pre existing databases and making it hard to cross sell and up sell existing customers.
- Quality data can only be found by drawing data from a centralized data warehouse that contain every interaction with the customer as well as when and where it is appropriate to contact them.

Themes in developing a robust ERM infrastructure

- Alignment of people, processes, and strategic vision
- Integrated technology enables effective ERM
- Mandatory alignment of businesses with corporate vision
- Cooperation across business silos
- Rewards for risk-adjusted performance

Alignment Convergence People Proces



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Some Barriers to Successful ERM



Evolution of the Enterprise Risk Management Infrastructure



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Trust [Enterprise Risk Reduction]	→ Increasing
	> Increasing
Return ———	→ Increasing

Stage 5



• RAROC and VaR models

An Enterprise Risk Infrastructure is composed of several layers

A enterprise risk infrastructure gives an organization the ability to examine all of the layers within it. The result is a core that strengthens internal controls and efficiently and reliably manages risk exposures



Measuring business unit risk is the outer most layer



Measuring enterprise risk is the next layer in the journey



Risk-based metrics deliver a sustainable change in everyday business behavior

Risk-based metrics

- Optimal risk/return profile
- Balances risk and rewards
- Improve return/risk ratio on capital or assets
- Facilitates risk-based performance measurement and assessment

 Ability to fully document and effectively disclose riskbased performance



ERM must be backed by the right governance models to be effective





Conclusion A 'best practices' ERM infrastructure:

- Embodies a philosophy
 - → Alignment
 - \rightarrow Convergence
- Contains key components
 - \rightarrow Well-defined business processes
 - →_Robust technology infrastructure
- Allows appropriate flexibility
 - \rightarrow BUs can run their business effectively
 - \rightarrow Federated model
- Becomes integral to the corporate culture
 - \rightarrow ERM is everyone's responsibility
 - \rightarrow Cultural change begins at the top

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The Power to Know.