Communicate Your ON EFFECTIVE BOARD INTERACTION.

May 2019

ON THE SIGHT, PROVEN



CITADEL









Non Executive Director permanent tsb plc

January 2014 - Present, Dublin

I am an independent non-executive director of permanenttsb bank plc and a member of both the Board Risk & Compliance committee and the Board Audit committee. I was chairman of the transaction sub committee for the recent capital raise (€525m) and listing on the Irish & London Stock Exchanges. The bank is a systemically important bank for Ireland and is directly regulated by the ECB.

Chairman (Non Exec)

Citadel Securities GCS (Ireland)

July 2018 - Present, Dublin

Citadel Securities is an award-winning global market maker across a broad array of fixed income and equity products. CSGI is a Central Bank of Ireland MIFID registered firm trading in various markets across Europe.

Independent Non Executive Director

Citadel Securities GCS (Europe)

July 2018 - Present, London

Citadel Securities is an award-winning global market maker across a broad array of fixed income and equity products. CSGE is a FCA registered firm trading in various markets across Europe.

Independent Non Executive Director

J.P. Morgan Administration Services (Ireland) Ltd & JP Morgan Hedge Fund Services (Ireland) Ltd

2015 - Present, Dublin

I am the sole Independent Non Executive Director of the JP Morgan fund administration services businesses in Ireland. J.P. Morgan is one of the largest providers of custody and administration services to funds in Ireland. The firm is regulated by the Irish Financial Regulator and was the first international firm to receive a license to operate in the International Financial Services Centre.

Founder/CEO

Governor Software

January 2015 - Present, Dublin

GOVERNOR is a state of the art software product that revolutionises the way in which board directors and senior executives govern and risk manage their enterprises. GOVERNOR is a cost effective, easy to use system that will assist institutions in complying with new governance and risk regulations and enhancing the quality of management information distributed throughout the organisation.

Lecturer: Certified Bank Directors (ERM & Op Risk)

Institute of Banking

May 2015 - Present, Dublin

I lecture on the CBD course provided by the Institute of Banking and delivered to directors and senior executives in banking in Ireland.

All views my own except those that I have nicked from far cleverer people.

Oversight of Risk & Compliance is complex and is very expensive

- Senior Managers need tools that allow them prove compliance effectively and in an auditable way
- A solid business case exists, compared to the cost (especially reputational) of non compliance

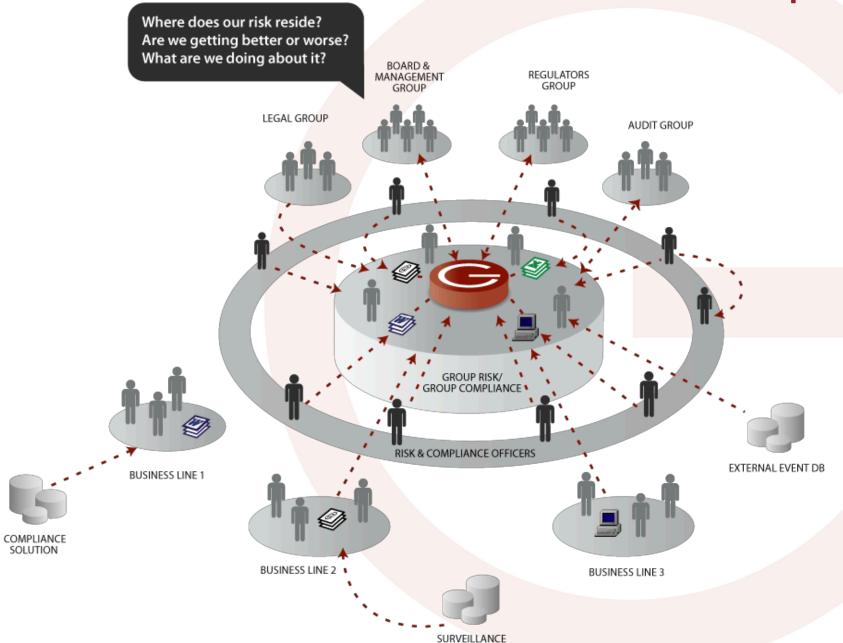
On average, financial institutions have 10-15% of their staff dedicated to governance, risk management and compliance. In 2014, Citigroup Inc. had nearly 30,000 employees involved on regulatory and compliance issues. Recently, a survey found that firms typically spend 4% of their total revenue on compliance, with an estimated increase to 10% by 2022. For some GSIBs, the cost of compliance is anything up to \$4bn annually.

INDICATORS OF SUCCESS.

- Engaged and confident Board
 - Get the right information at the right time
- Proportionate reporting and MI
- Management buy-in
 - Risk-aware culture
 - Willing to share/report
- Important matters get sufficient air-time
 - Material risk exposures and risk events
 - One eye on the future



Business Landscape

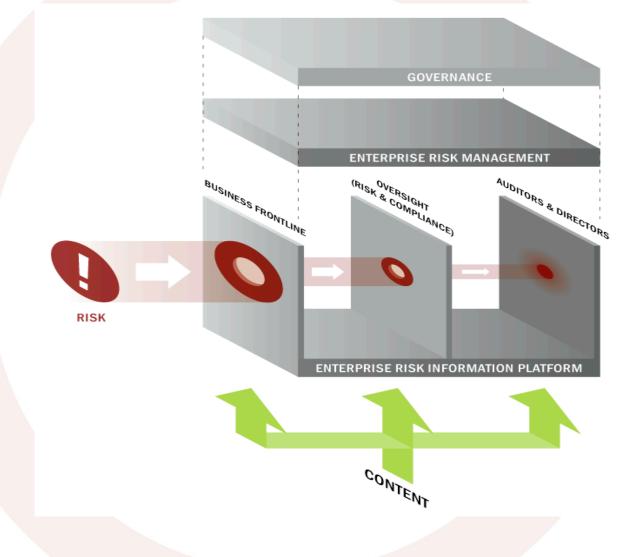


SOLUTION

Threats

- Highly manual processes
 Out-dated systems
 Complex/shifting org. Structures
 Historically underfunded
 Necessary will to enterprise
- 2. Highly competitive markets
 Globalisation and consolidation
 Corporate malfeasance
- Enormous workloads Increasing complexity Personal liabilities
- Multiple jurisdiction/regulators Increased complexity and scope of oversight Stiffer penalties Looming deadlines

Want information in the same dimensions



Be clear about what you want?

- For information only
- For review and feedback

For sign-off

RELAX YOU DON'T HAVE TO DO ANYTHING





Context! Context! My Kingdom For Context!

with apologies to William Shakespeare

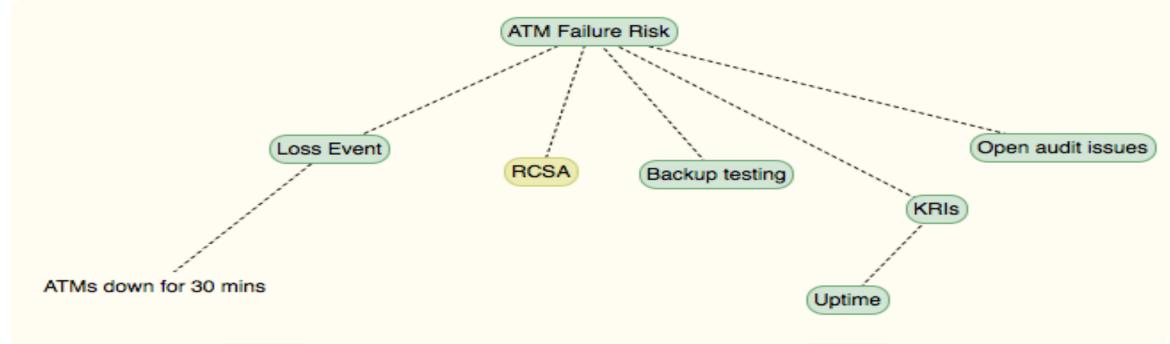


Context: Policies, frameworks, reviews, etc

- Why did you write the document?
- What process has it been through to get here?
- Where does it sit in your overall framework?
- How will I know that you are implementing it or following it?
- What do you want me to do with it?

Context: Risks, Controls, Losses, etc.

- Customer impact, SLA impact, other knock ons
- What do your other indicators tell you about this item?
- What do the other lines of defense think about this item?
- Have you notified all the right people?
- What do you want me to do with this information?



Board presentations: Think through the process

- What documents do they need up front?
- Assume they are read and understood
- Provide brief summary
- · Be prepared to answer detailed questions but don't make it up!
- Ensure that items are followed up

Strategic Risk Scorecard			
Identification	Business	Assurance	Audit
Scenario planning	••	••	
Competitor activity			
Legislative change			•••
Implementation	Business	Assurance	Audit
New products	••	••	
Acquistions	••	••	••
Reorganisations			
Monitoring	Business	Assurance	Audit
Senior Management Commitment, Strategy & Progress		••	
Product Design & Governance			
Marketing & Promotion			••
Sales & Advice		••	
After-sales Service and Claims	••	••	
Complaints Handling			
Culture & Reward		•••	••
Strategic Change		••	
Helationship with Product Providers, Intermediaries & Third Parties		••	
Management Information			

3 Lines Scorecard		
Governance	Business	Audit
Corporate Governance commitment	••	•••
Shareholders & General meeting		•••
Board committees		••
Board of directors	•••	•••
Transparency	••	••
Reporting & Audit	••	••
Executive Remuneration	••	

Risk	Business	Assurance	Audit
Financial Risk		••	
Operational Risk			
Compliance Risk		•••	•••
- Strategic Risk		•••	

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Financial Risk Scorecard						
Financial Reporting Risk	Business	Assurance	Audit			
Completeness	••	••				
Existence or occurrence						
Valuation or allocation			••			
Disclosure		••	•••			
Rights & obligations	••	••				
Liquidity Risk	Business	Assurance	Audit			
Amount of available liquidity						
Reliability of available liquidity			••			
Unsecured funding reliance		•••	•••			
Insurance Risk	Business	Assurance	Audit			
Underwriting						
Mortalitg			••			
Re-insurance		•••				
Policyholder behaviour	••	••				
Pension Obligation Risk	Business	Assurance	Audit			
Solvency						
Market Risk	Business	Assurance	Audit			
Equities	••	••				
Bonds						
Foreign Exchange			•••			
Money Markets		•••				
Derivatives	••	••				
Credit Risk	Business	Assurance	Audit			
Counterparty risk	•••	•••	•••			
concentration risk			•••			

Operational Risk Scorecard			
Internal Fraud	s	e	Audit
Unauthorised activity			
Theft & fraud			
External Fraud	s	e	Audit
Systems security			
Theft & fraud			
	Busines	Assuranc	
Employment Practice & Vorkplace Safety	5	e	Audit
Employee relations			
Safe environment			
Diversity & discrimination			
Clients. Products & Business Practice	s	e	Audit
Suitability, diusclosure and fiduciary			
Improper business or market practices			
Product flaws			
Selection, sponsorship & exposure			
Advisory activities			
Damage to Physical Assets	5	e	Audit
Disasters & other events			
Business Disruption & System Failure	s	e	Audit
Systems			
		_	
Execution, Delivery & Process Management	Busines	Assuranc	Audit
Yendors & suppliers			•••
Trade counterparties			
Customer / client account management			
Customer intake & documentation			
Monitoring & reporting			
Transaction capture, monitoring & maintenance			

	Compliance Scorecard				
	General	Business Assurance		Audit	
	Employment				
	Essiranaral				
	Financial Reporting				
	Brallb & Safrig				
	Princes				
	Markets	Business	Assurance	Audit	
	Panel II				
	ICAAP				
	Treating Customers Fairly	Business	Assurance	Audit	
	Sraine Hanagement Commitment, Strategy b Progress				
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	Harbeling & Promotion				
	Salan b Admina				
	After-sales Service and Claims				
	Complaints Bandling				
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	Anti-Money Laundering	Business	Assurance	Audit	
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	Interdiation Lint Hamiltoning				
	Market Abuse	Business	Assurance	Audit	
	Insider Pealing				
	Impragar Dinalanar				
	Minner of Information				
	Hanipulating Transaulines				
	Hanipulating Denines				
	Discretation				
	Histording Detacions				
	Distantia.				
	Conflicts of Interest	Business	Assurance	Audit	
	Hanaging Conflicting Clical Intervals				
	Basar arrasa Cliral				
	Gifle, ledenrerele, Seft Commissions				

New Generation Governance Challenges

NOW THEN Monolithic Networked Complex Simple chain Extensive, but in which one uncomplicated chain in dynamic organisations organisations in which one which one person had person had systems person had clear overall clear overall responsibility clear overall responsibility responsibility Thought framework for Actual current approaches situation

Networked Risk Management: Rieks Joosten & Andre Smulders 2014

New Generation Governance Challenges



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