

Three Lines: One Bank

MAY 12, 2021

PRESENTED BY:

Holly A. Bailey, JD SVP, Global Fiduciary Risk Management Northern Trust Shannon Vidmont, CFIRS SVP, Wealth Management Control Manager Northern Trust

TABLE OF CONTENTS

Today's Agenda

3-7

Evolution of the Three Lines of Defense

8-11

Key Considerations

12-18

Design Considerations

19-20

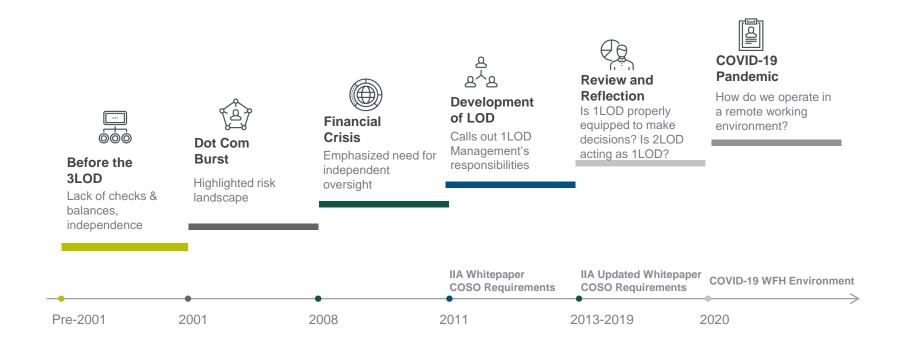
Design Options

DISCLAIMER: THIS PRESENTATION IS FOR YOUR GENERAL INFORMATION AND REFLECTS THE VIEWS OF THE INDIVIDUAL PRESENTERS ONLY AND NOT THE VIEW OF THE NORTHERN TRUST CORPORATION. IT IS NOT INTENDED AS LEGAL OR REGULATORY ADVICE. VIEWS AND INFORMATION EXPRESSED HEREIN ARE CURRENT ONLY AS OF THE DATE OF THE PRESENTATION AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.



Evolution of the Three Lines of Defense

How did we get here?



Definition of the Three Lines of Defense



1LOD

- Front line units, business units or functions that create and own risk (i.e., "LOB," the "line of business" or "business unit")
- Identify, own, and manage risks in the business
- Introduction of the 1LOD Control Function in recent years – responsible for oversight and consistency (aka Line 1B)



2LOD

- Independent risk management functions (e.g., Fiduciary, Credit, Market, IT, or Operational Risk, Compliance, Legal, etc.)
- Provide risk management frameworks
- Guide and train on regulatory requirements and risk management processes
- Monitor and measure against risk appetite



3LOD

- Internal Audit Provide assurance on the adequacy and effectiveness of:
 - Governance
 - Risk management, and
 - Internal controls

Ultimate responsibility for the management of risks and oversight of controls has transformed and shifted over the past 20+ years

EVOLUTION 2001 - 2021

1LOD



Then:

- · Included line and executive management only
- Responsibilities regarding oversight of risk and controls may have been unclear. undefined, or unknown to line management



Now:

- Many financial institutions are incorporating oversight functions and / or teams within the 1LOD ("1B")
- · Aid management in identifying risks and address potential control concerns; allows 1LOD time needed to work with clients

2LOD



Then:

- Did not exist
- Financial Crisis in 2008 highlighted the need for independent oversight at the corporate level
- Original implementation may have morphed into risk ownership in the 2LOD





Now:

- · Shift from risk ownership to risk oversight
- More formalized framework, risk identification, and reporting
- Emphasis on advising 1LOD and effective challenge

3LOD



Then:

- "Independent" function
- Acted as the sole oversight function



Now:

- Emphasizes true independence
- Assess 1LOD and 2LOD in achieving risk management and control objectives

1LOD vs 2LOD

Where we are now?



1LOD: Control

Tactical

Procedural Consistency & Efficiency

Focus on operational risks (e.g., execution)

Potential Overlap

Ownership of Procedures

Guidance and Oversight

2LOD: Risk Mgmt.

Strategic

Interpretation

Advisory & Effective Challenge





Key Considerations

Key Themes and Industry Trends

Expectations

- Increased emphasis on 1LOD's accountability for identifying and managing risks, in a manner that is both effective and efficient, to:
 - Support business strategy
 - ► Respond to emerging risks, and
 - Maintain operational and financial resiliency

Themes and Industry Trends Changing Environment

Challenges

- Financial institutions continue to experience challenge in deriving the most risk management value from their 1LOD Risk and Control functions
- Continuing to enhance their Control functions, institutions must follow a disciplined approach to evaluate the design principles that will help them set up a sustainable target operating model to:
 - ► Strengthen the 1LOD, while
 - Driving business growth
- ► The current COVID and political environment has brought out **continued and rapid regulatory change that we do not expect to slow down**; anticipated changes include:
 - ► Taxes: estate exemption, capital gains
- ► Foreign regulatory changes

▶ Digital assets, crypto currency

- Beneficial ownership registry
- ▶ All these changes lead to necessary collaboration between 1LOD and 2LOD to **identify and ensure** changes are implemented appropriately, with support from 3LOD

So how do we handle this?

Key Drivers

Why do you need a Control Function?

Development of a Control Function may be triggered by a particular event or regulatory feedback. Recurring drivers shared across firms include the growing strategic importance of the function.



1LOD ACCOUNTABILITY

Increased emphasis on 1LOD ownership of risk management

Requires strong control leadership, evidence of control activities, and ongoing risk identification



Greater need for transparency and effectiveness of 1LOD risk and control activities

Avoidance of losses and fines, resolution of open regulatory issues



BREADTH AND DEPTH OF RISK

Evolving business activities and market structure require evolution of the Control function

Rapid transformation, need to respond to new risk areas or business model changes



PROCESS OPTIMIZATION AND COST EFFICIENCIES

Optimization of processes and controls are a key business initiative

Leadership across LOBs and LODs promote alignment within the risk and control environment

northerntrust.com | © 2021 Northern Trust Corporation

Key Trends & Common Challenges 1LOD Control Implementation

Implementation Trends

Common Challenges

- May initially support only certain programs, but should look to cover the entire internal controls framework
- Control heads should be empowered to represent Management in risk committees + interactions with 2LOD and 3LOD
- Control should contain a range of skill sets
- Control needs data and workflow tools to develop dashboards for LOB supervision

Role + Mandate

Org Alignment

Capabilities

Enablers

 Unclear and inconsistent areas of focus across LOBs Overlaps / duplication between other 1LOD teams and 2LOD functions Lack of adequate tools to support insightful and timely reporting of metrics, customized to the LOB needs for accountability and decision making Poor data quality from multiple sources; limited budget; known data challenges



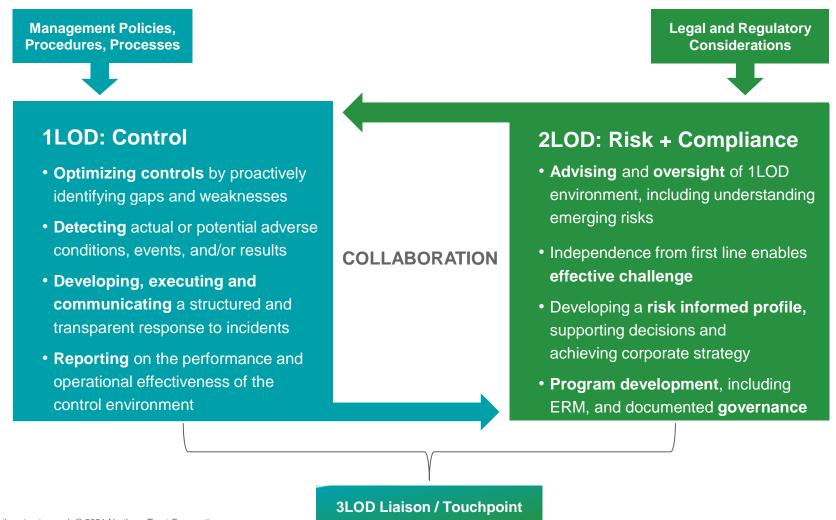
Design Considerations

"By working together, pooling our resources and building on our strengths, we can accomplish great things."

- RONALD REAGAN

Commonly identified mandates, functions, and frameworks

Successful implementation is dependent upon constant collaboration between all lines of defense.



Development: Maturity Scale

How do you develop and right-size 1LOD Control and 2LOD RM + Compliance to complement each other?

Roles not well defined Ad Hoc Reactive and 'fire-drill' driven · Work gets completed, but may be delayed Clear roles but ambiguity remains **Defined** Prioritization remains highly subjective and reactive Key programs + frameworks identified or refined, but not fully implemented Most work proactive in nature Quantitative, data driven approach to priorities **Optimized** Role and decision-making clarity Key programs + frameworks clearly established and continue

Rome wasn't built in a day.

to evolve

Who does what?

Programs Policies Regulatory Interpretation The control of the control of

1A: Management

2LOD RM + Compliance

- · Risk Owner
- Accountable for adherence to requirements

Monitoring + Testing

FRAUD PREVENTION EXAMPLE

2LOD: RM + COMPLIANCE

Development of a Fraud Program

1B: CONTROL

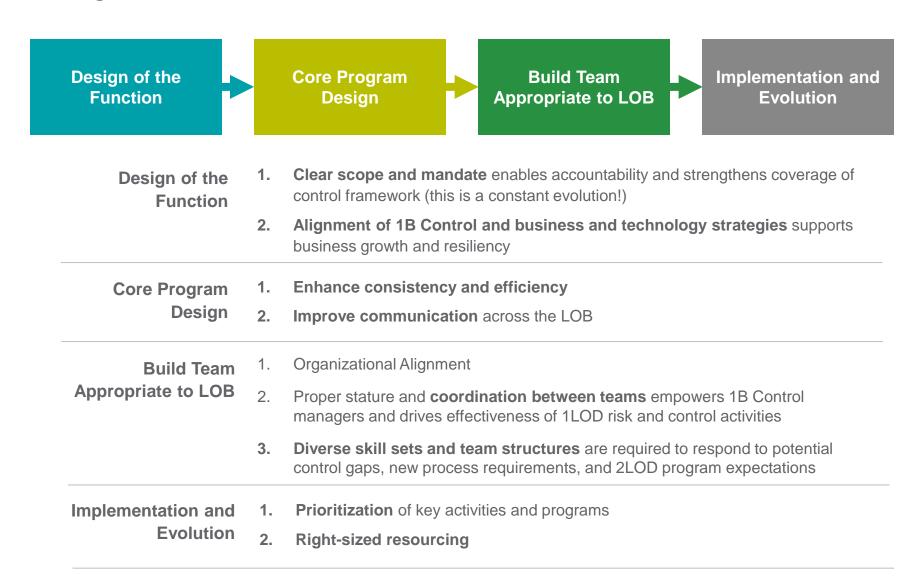
- Ownership of a Fraud Playbook
- Monitoring to adherence of controls

1A: MANAGEMENT

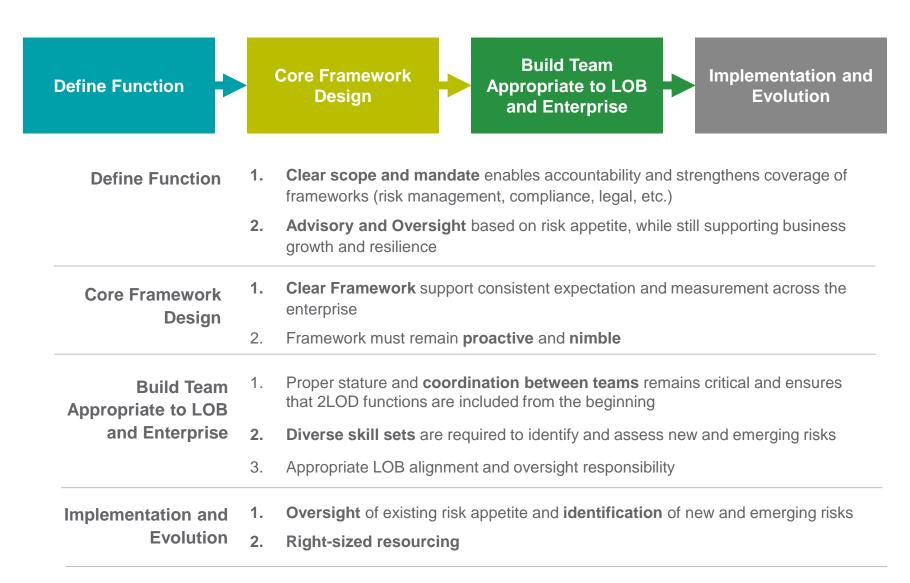
Adherence to existing fraud prevention controls

strategic partnerships

Design of 1LOD / 1B Control Function



Design of 2LOD Functions





Design Options

LOB Specific Model

1LOD Line of Business (LOB) Specific Team(s) Reports to Head or COO of the LOB or Function

2LOD

Risk Mgmt. Compliance Legal

1LOD 1A: Front Office / Practice Mgmt.	1LOD 1A: Front Office / Practice Mgmt.
1B: LOB Control	1B: LOB Control
1LOD 1A: Front Office / Practice Mgmt.	1LOD 1A: Front Office / Practice Mgmt.
1B: LOB Control	1B: LOB Control



- Embedded in the LOB
- Enhances partnership between Management and Control



Potential differences in mandate, maturity, and resourcing between LOBs

Centralized Model

Independent Control Team
Spans multiple LOBs or functions, may be organized by risk area/activity

2LOD		
Risk Mgmt.		
Compliance		
Legal		

1B Control

1A: Front Office / Practice Management	1A: Front Office / Practice Management
1A: Front Office /	1A: Front Office /
Practice	Practice
Management	Management



Standard model, scope and approach across LOBs



- Blurred lines between 2LOD Risk + 1B Control
- May reduce partnership between Mgmt. + Control

northerntrust.com | © 2021 Northern Trust Corporation



BIOGRAPHIES

Shannon Vidmont, CFIRS

SVP, Wealth Management Control Manager

Northern Trust

Chicago, IL



Shannon Vidmont is the Wealth Management Control Manager in the First Line of Defense at Northern Trust and is a Certified Fiduciary and Investment Risk Specialist.

Shannon re-joined Northern Trust in 2019 and has 17 years experience in various audit, risk management, and control positions at financial institutions, including 14 years of fiduciary risk management experience.

In her current role, Shannon oversees operations and execution throughout the Wealth Management Business Unit. Shannon's team focuses on enabling and supporting the business in proactively identifying risks and addressing control gaps or weaknesses while increasing clarity and consistency across practices and regions.

Holly A. Bailey

SVP, Global Fiduciary Risk Management

Northern Trust Chicago, IL



Holly A. Bailey is a Senior Vice President and currently manages the Global Fiduciary Risk Management Team for Northern Trust. Holly and her team are responsible for the identification and resolution of fiduciary risk issues as well as oversight of fiduciary risk management programs. Holly also serves as the Risk Advisor for Northern Trust Cayman International, Ltd.

Prior to joining Northern Trust, Holly was at BMO Harris Bank N.A., where she held the roles of Senior Counsel in the U.S. Wealth Management Legal Department, Chief Trust Officer for BMO Private Bank, and National Director, Trust Fiduciary Risk for BMO Private Bank. The duties of her roles at BMO Harris Bank ranged from providing oversight, analysis, and guidance on business and fiduciary risk matters, to overseeing the development and delivery of personal trust and estate administration services in the United States. Earlier in her career, Holly practiced law for over 10 years, where she focused on estate planning, trust law, estate administration, family office services, business and real estate transactions, and tax compliance.

Holly received her Bachelor of Arts degree from Alma College in Alma, Michigan in 1998, and received her J.D. from Chicago-Kent College of Law, Illinois Institute of Technology, in 2002.

Holly is a member of the Chicago Estate Planning Council and is a past president of the Corporate Fiduciaries Association of Illinois. Holly is also a member and Peer Group Leader of the Fiduciary and Investment Risk Management Association (FIRMA) and has been a speaker at FIRMA's annual national training conference. Holly is a member of the bar in the State of Illinois, the United States Court for the Northern District of Illinois, and the United States Tax Court.