

**DELL**Technologies /Forum

# REAL

## TRANSFORMATION

# Risks Lurking in the Shadows of Digital Transformation

Preparing to Manage New *Digital Risks*

# Agenda

- Implications of Digital Transformation = Digital Risk
- The Emergence of Digital Risk Management
- Implementing an Integrated Approach to Digital Risk Management
- Getting Started: Assess Elements of Digital Transformation & Digital Risk
- Q&A

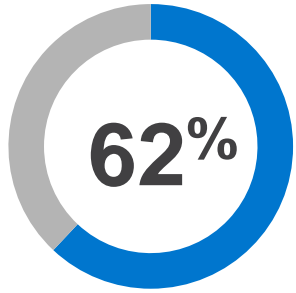
**Activate & Monetize  
Data**

**Operational  
Efficiency**

# **DIGITAL TRANSFORMATION**

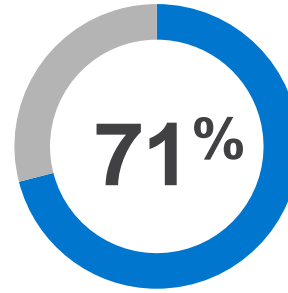
**New Customer  
Experiences**

**New Product  
Development**



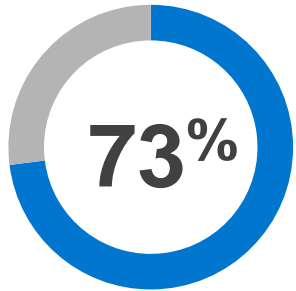
2018 study of CEO's showed 62% have a management initiative or transformation program in place to make the business more digital.

– Gartner



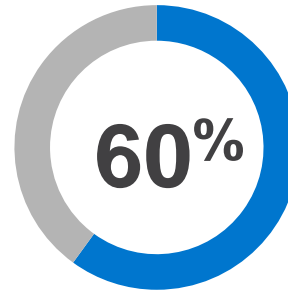
In a 2016 study of non-IT executives, 71% said that concerns over cybersecurity are impeding innovation in their organizations.

– Gartner



**73%** of respondents agreed that **the relationship between IT security and business risk can be difficult to coordinate.**

-ESG Custom Research, Cybersecurity and Business Risk Survey, March 2018



By 2020, 60% of digital businesses will suffer major service failures, due to the inability of IT security teams to **manage digital risk.**

– Gartner

Digital  
Business



# MODERNIZATION

IoT



Cloud



Robotics



Digital  
Business



Hackers &  
Malware



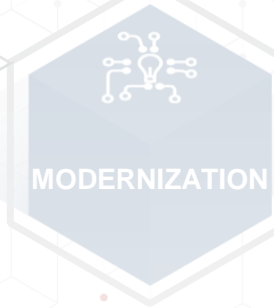
# MALICE



Phishing



IoT



MODERNIZATION



Cloud



Vulnerabilities



Robotics



# MANDATES





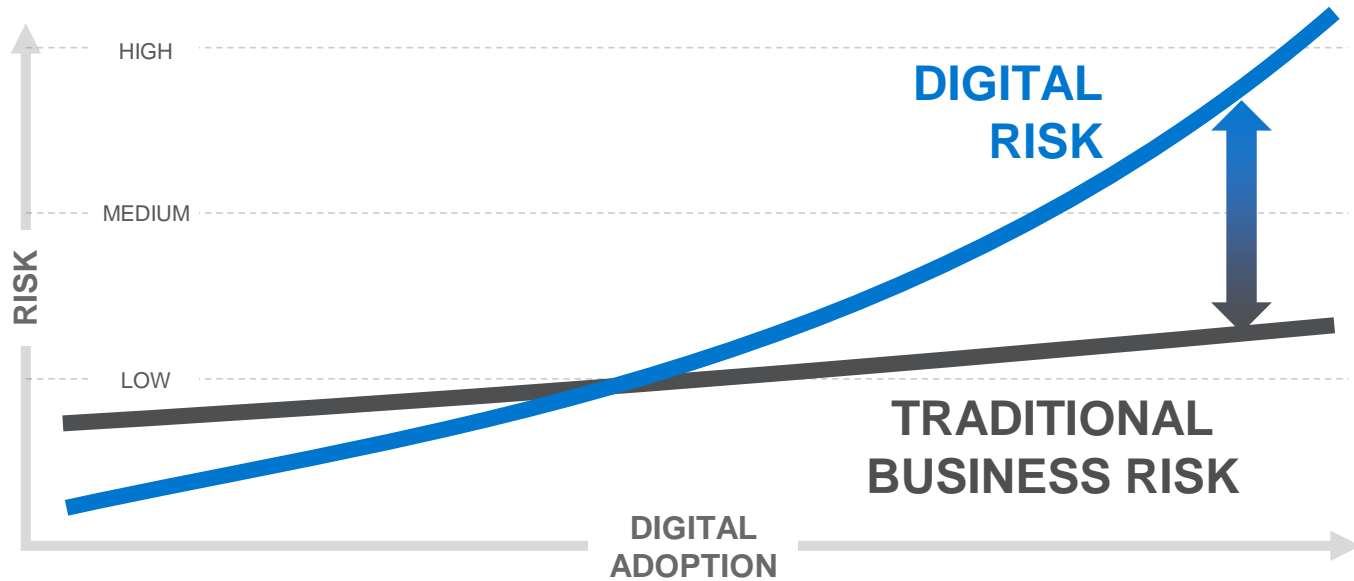


# COMPLEXITY OF BUSINESS

# AMPLIFICATION OF RISK

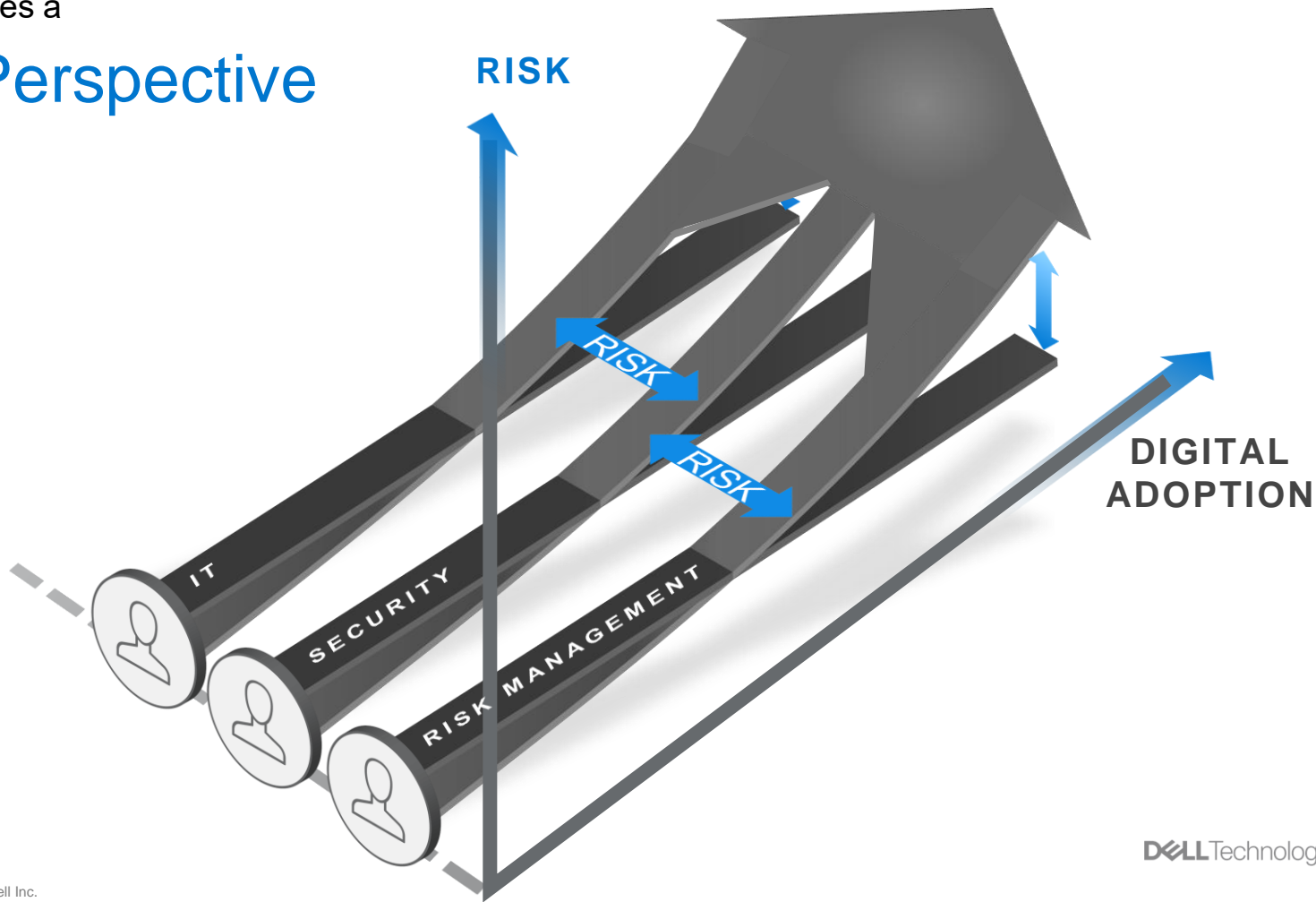
# Digital Risk

is the greatest facet of risk that businesses face...



...that requires a

# New Perspective



CEO / BOARD



**MODERNIZATION**

**MALICE**

**MANDATES**



**IT**



**SECURITY**



**RISK  
MANAGEMENT**

CEO / BOARD



DIGITAL RISK



# MANAGE RISK & OPTIMIZE YOUR BUSINESS



MANAGE PROCESS  
AUTOMATION RISK

MITIGATE CYBER  
ATTACK RISK

MODERNIZE YOUR  
COMPLIANCE  
PROGRAM

MANAGE DYNAMIC  
WORKFORCE RISK

MANAGE THIRD  
PARTY RISK

SECURE  
YOUR CLOUD  
TRANSFORMATION

COORDINATE  
BUSINESS  
RESILIENCY

EVOLVE DATA  
GOVERNANCE &  
PRIVACY

**RSA** ARCHER<sup>®</sup>  
SUITE

INTEGRATED RISK MANAGEMENT

**RSA** NETWITNESS<sup>®</sup>  
PLATFORM

EVOLVED SIEM / ADVANCED THREAT DETECTION & RESPONSE

**RSA** SECURID<sup>®</sup>  
SUITE

SECURE, RISK-BASED ACCESS & AUTHENTICATION

**RSA** FRAUD & RISK  
INTELLIGENCE SUITE

OMNI-CHANNEL FRAUD PREVENTION

**RSA** RISK & CYBER  
SECURITY PRACTICE

ADVANCED RISK AND CYBERSECURITY SERVICES



IT



SECURITY

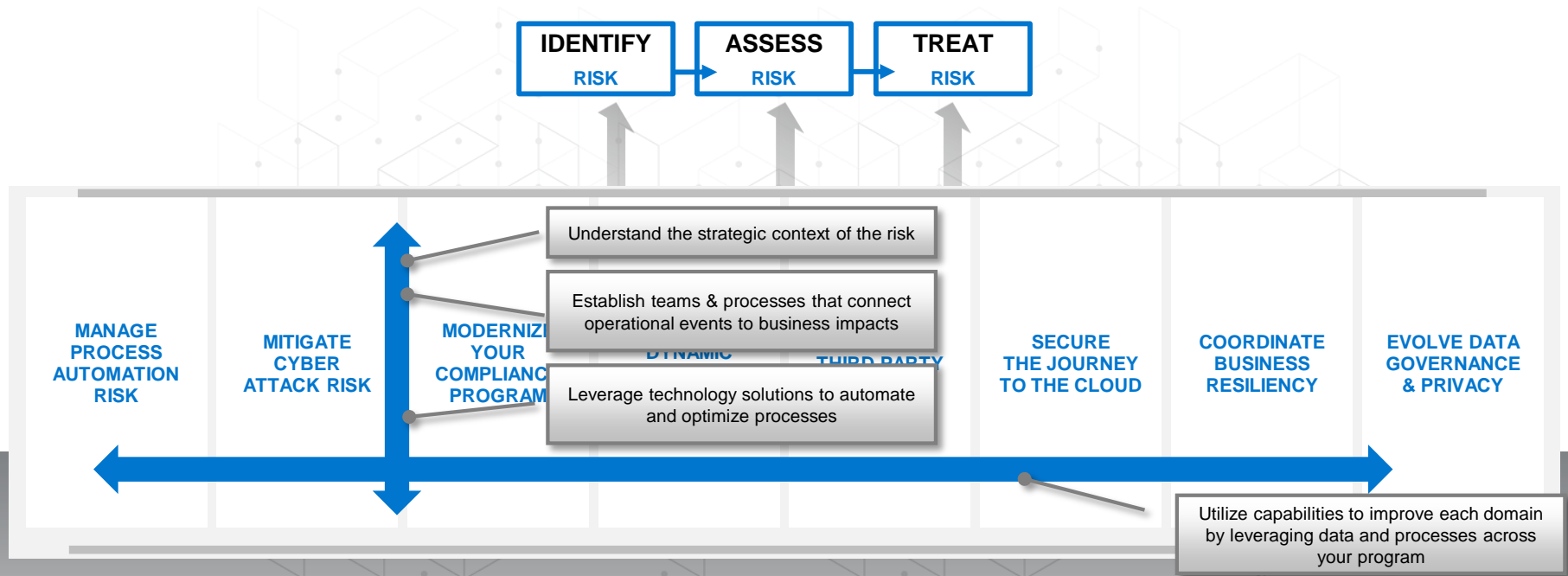


RISK  
MANAGEMENT

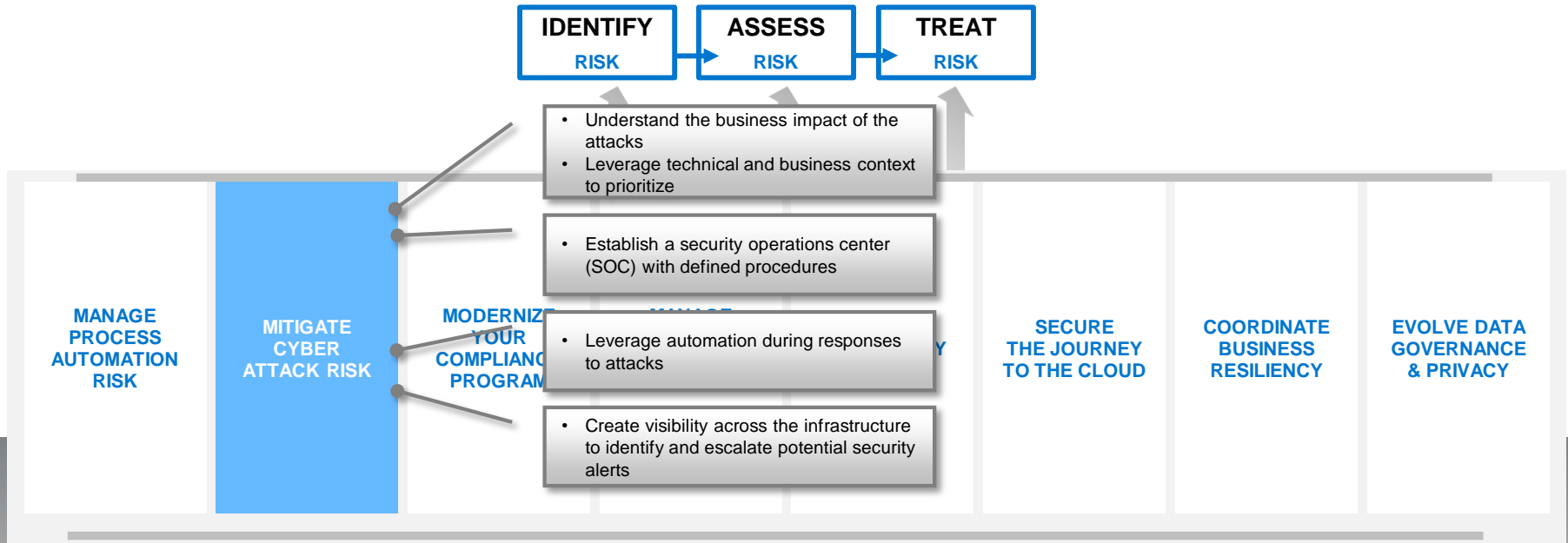


# Implementing an Integrated Approach to Digital Risk Management

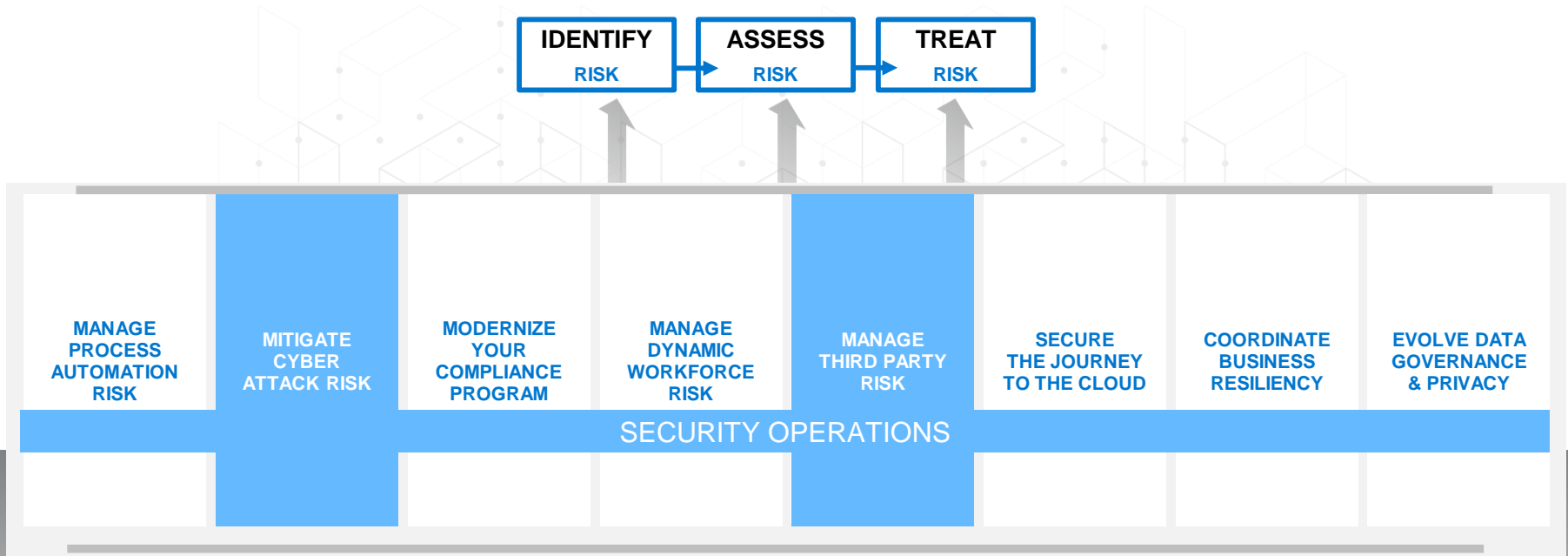
# An Integrated Approach To Digital Risk Management



# An Integrated Approach To Digital Risk Management



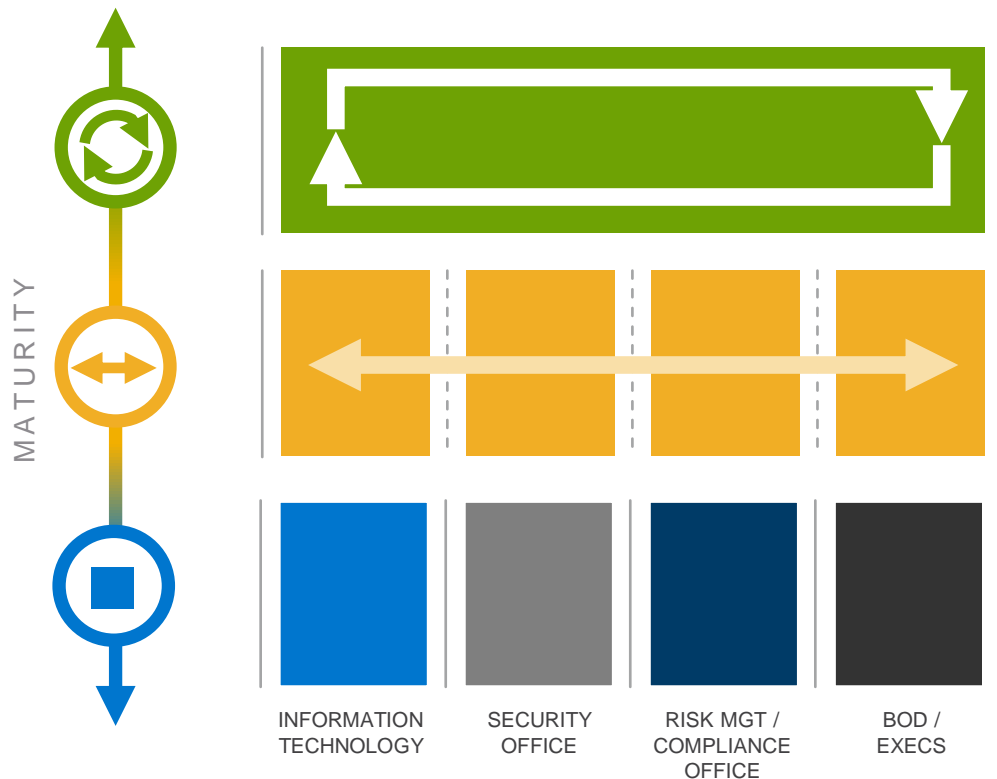
# An Integrated Approach To Digital Risk Management





# Getting Started: Assessing Elements of Digital Transformation & Digital Risk

# Digital Risk Maturity



## OPTIMIZED

- Sharing and Collaborating Across Silos
- Integrated business/risk context
- Priorities and resources aligned with risk and business objectives

## MANAGED

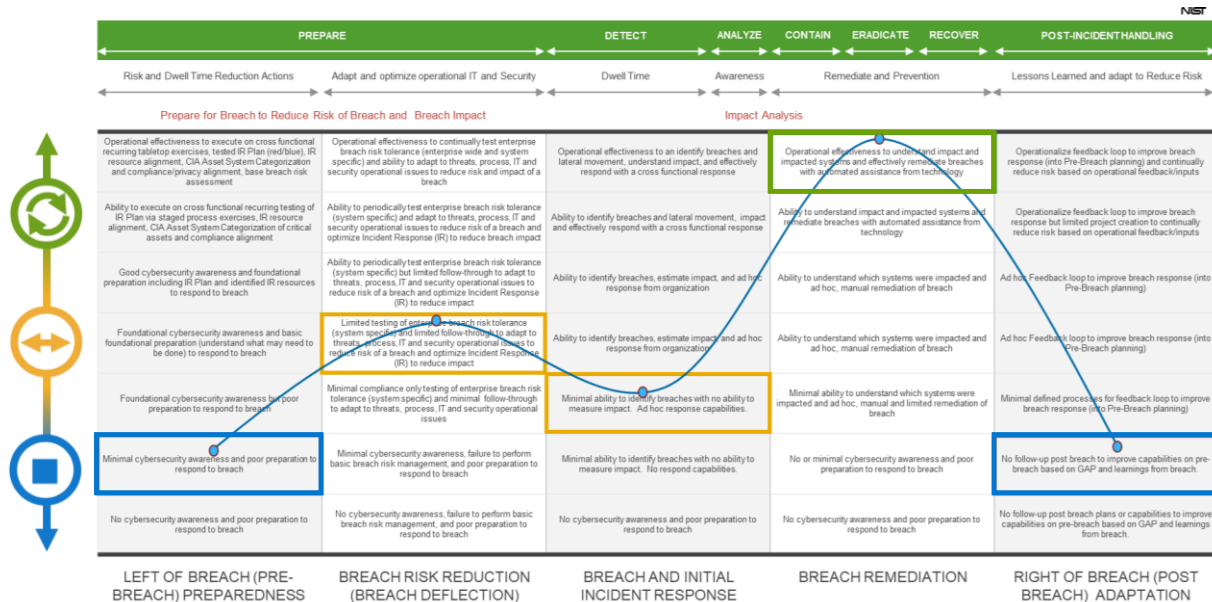
- Platform Approach
- Pervasive Visibility
- Leverage Technology
- Integrate Silos

## SILOED

- Ad Hoc, Reactive
- Trigger Events
- Tactical POV

# RSA Risk Frameworks

## Assessing Digital Risk Maturity: Financial Services Company



### Compliance Requirements:

19 US State PII Laws, GDPR, PCI, and FINRA Member

### Lowest Common Denominator Capabilities (partial list):

- Security Plan, updated annually
- Annual Audit (PCI, Risk)
- Logging of event logs for 7 years
- Real-time Security Event Monitoring
- Vulnerability Scanning
- 72 hour Breach Notification

### Maturity Quantification:

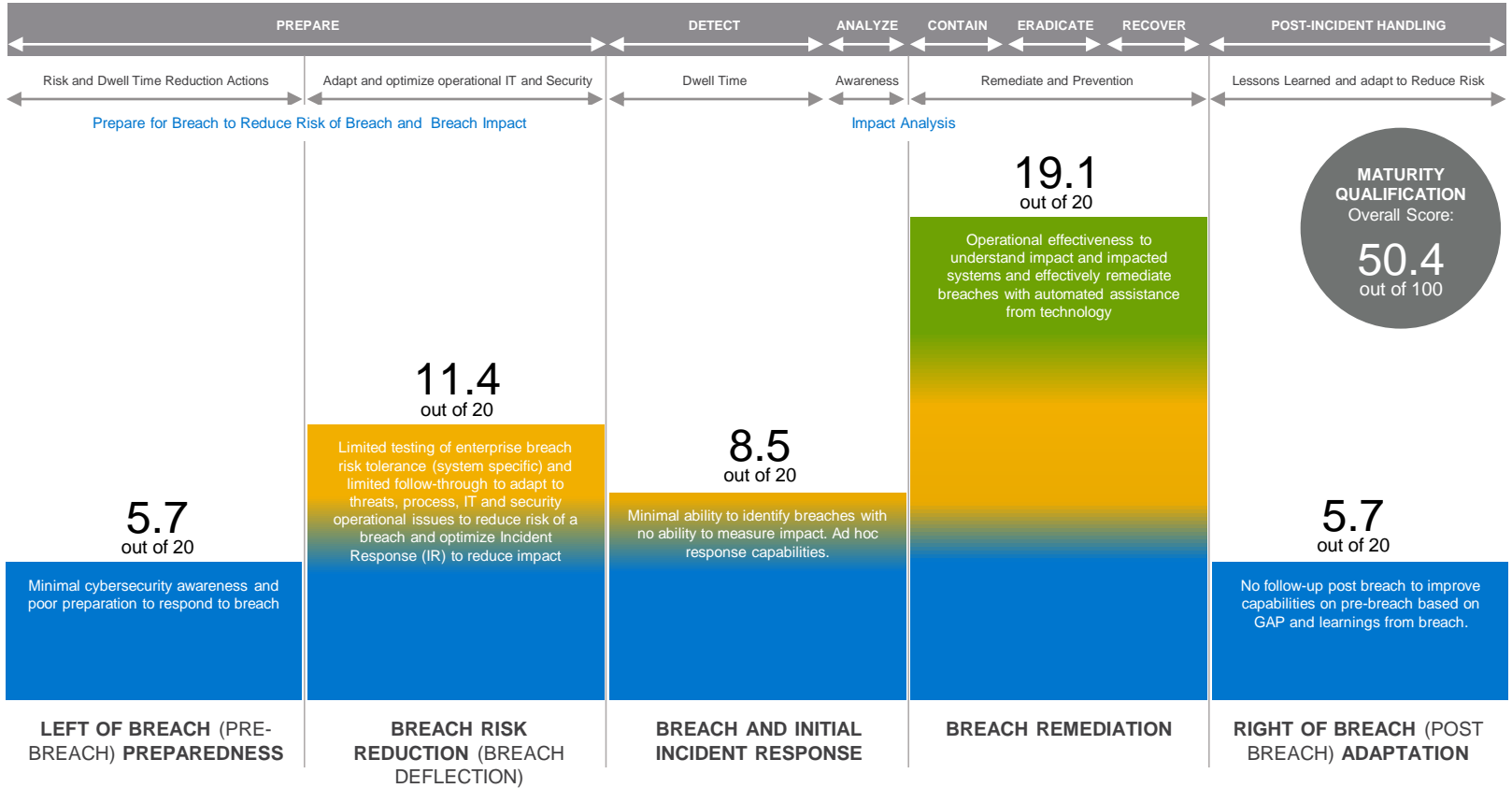
- Overall Score: 50.4 out of 100
- Focus Breakdown:
  - Pre-breach Planning: 5.7 out of 20
  - Operational Security: 11.4 out of 20
  - Dwell Time Reduction: 8.5 out of 20
  - Remediation: 19.1 out of 20
  - Post-incident Handling: 5.7 out of 20

### Overall Breach Readiness:

Average 10.8 per category, Average range with 3 areas below average

# RSA Risk Frameworks

NIST





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