



INDUSTRY PERSPECTIVES: TOP SECURITY & RISK MANAGEMENT TRENDS

June 2019

BUSINESS-DRIVEN SECURITY™

SPEAKERS



Branden Williams
Director, Cyber Security
MUFG

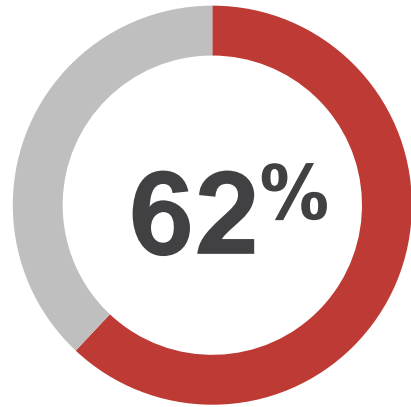


Tamara McCleary
CEO
Thulium



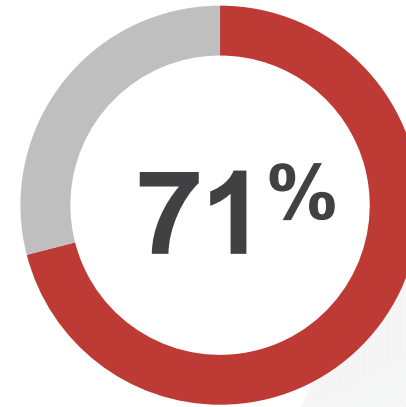
Ben Desjardins
VP, Security Solutions
RSA

THE RISKS OF DIGITAL TRANSFORMATION



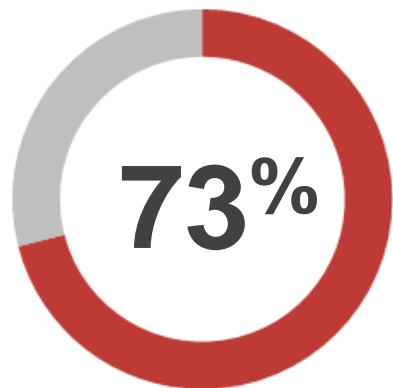
2018 study of CEO's showed 62% have a management initiative or transformation program in place to make the business more digital.

– Gartner



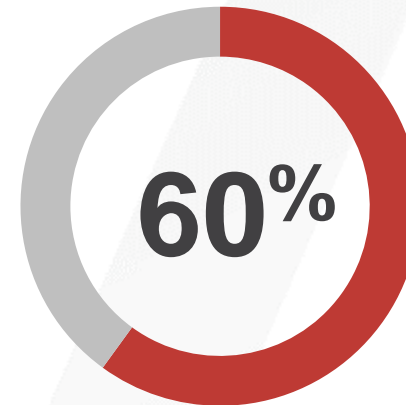
In a 2016 study of non-IT executives, 71% said that concerns over cybersecurity are impeding innovation in their organizations.

– 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

TALKING SECURITY & RISK WITH BUSINESS LEADERS

SECURITY



RISK MANAGEMENT



Manage Digital Risk With a Unified, Phased Approach

Information Sharing

NIST CSF, ISO 27001

ISO 31000, COSO ERM

Risk Considerations

Threats & Vulnerabilities

Business Context & Potential exposures

Likelihood & Impact

Mode

Tools & Technology

Data-driven, Contextual

Conversations & Committees

Measuring Impact

of attacks averted; # of vulnerabilities found; # of ...

Risk Quantification

\$\$\$ of loss exposure

How to Tackle Risk

Defense in Depth > Contain What Matters

Digital Risk Management

3 Lines of Defense (working together) IRM

Attitude Towards Risk

Don't take any chances

Know What Risks Matter

Manage uncertainty

Core Goals

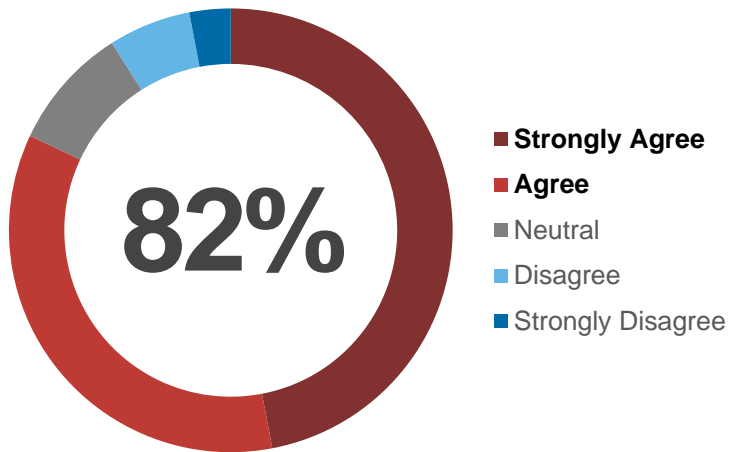
Keep the bad guys out

Enable the Business – be a positive force for transformation

Keep the business out of trouble

SECURITY RISK IS BUSINESS RISK

82% of Risk and Security professionals report that **their organizations consider security breaches as a business risk rather than just an IT risk.**



Source: ESG Custom Research, *Cybersecurity and Business Risk Survey*, March 2018

Data breaches affect stock performance in the long run, study finds

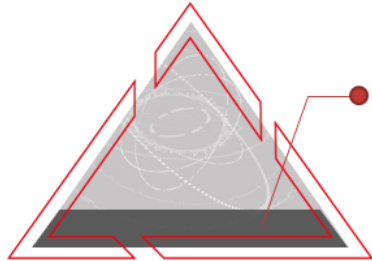
Data breaches are taking a toll on customer loyalty

Concern about data breaches among consumers is high.

Digital Risk Management Survey Finds Most Companies Improperly Resourced to Address Cybersecurity

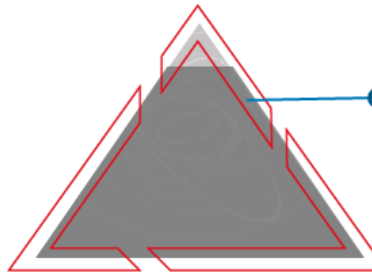
The Cybersecurity Talent Gap Is An Industry Crisis

A SHIFT TO DETECTION AND RESPONSE



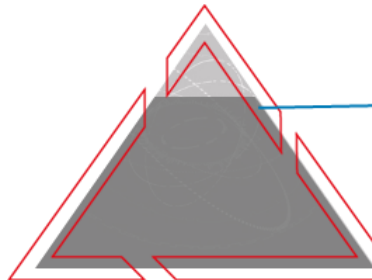
24%

Organisations satisfied with their ability to detect and investigate



92%

Cannot detect quickly



88%

Cannot investigate quickly



By 2020

60%

of security budgets will be allocated to rapid detection and response.

Up from less than 20% in 2015.

KEY TECHNOLOGIES FOR ADDRESSING DIGITAL RISKS

IDENTIFY



Gaining the broadest **VISIBILITY** so you can be sure that you have the right information and business context.

ASSESS



Drawing **INSIGHTS** to understand what is really happening – what seemingly unconnected events may be related and warrant attention.

TREAT



You can prioritize your response, based on the value of assets and potential losses.

And then take **ACTION**, wherever needed, automating responses where appropriate, and allowing your people to focus on what matters most.

THE FORECAST: CLOUDY WITH A CHANCE OF RISK



40%

of organizations state that **all new or additional funding** will be **SPENT ON THE CLOUD**

Gartner, January 2019, Top Security and Risk Management Trends

Opportunities:

- Cost
- Speed
- Scale
- Efficiency

Risks:

- Visibility
- Compliance
- Control
- Continuity

THE DIGITAL TRENDS TIME MACHINE: WHAT IS ON THE HORIZON?



The background is a vibrant red color with a complex pattern. It features a grid of small, semi-transparent dots that create a halftone effect. Overlaid on this grid are several thin, dark lines that radiate from the center towards the corners, creating a sense of depth and movement. The overall aesthetic is modern and technological.

RSA[®]