

COMPLIANCE WEEK

Five deliverables every cybersecurity team needs to survive, thrive and comply with the new SEC Cybersecurity Rule

Speaker:

- Jim Mirochnik, CEO – HALOCK
- **Hosted by:** Aaron Nicodemus – Compliance Week



5 Distinct Capabilities to Survive and Thrive

- 1** Defining a **Clear Line of Acceptable Risk** below which you can accept risks and above which you must remediate (what the new SEC rules call “**materiality**”).
- 2** Ensuring your security program is **Legally Defensible** and complies with **the new SEC Cybersecurity Rule** (published July 26, 2023).
- 3** Understanding the **Known Risk** to your organization.
- 4** Providing the C-Suite with a **Roadmap** for your program that reduces risk to an acceptable level.
- 5** Communicating Risks and Justifying **Expenditure Requests** in business terms.

Overview and Resources

Each Of These 5 Capabilities Features:

- A Summary of the Fundamentals
- Sample Templates
- Options to Get Started

Survey Question #1

1

Defining a **Clear Line of Acceptable Risk** above which you must remediate and below which you can accept

PROBLEM: Cybersecurity & C-Suite Speak Different Languages

Cybersecurity Language
Speaks in Risks and Costs

Risks

Threats
Vulnerabilities
Impacts
Likelihoods
Risks

Costs

Your **Costs** to
Remediate Risks

Mission

What you do
for your
Customers

Objectives

Your
Business Goals

Obligations

Your 3rd Party
and Public
Obligations

Business Language
Speaks in Terms ***Beyond*** Risks and Costs

When the C-Suite Doesn't Receive the Information They Need, **You Don't Receive the Budget You Need!**



Unless you recently experienced a breach or the project has political clout, the **Business wins the budget debate most of the time!**

SOLUTION: DoCRA

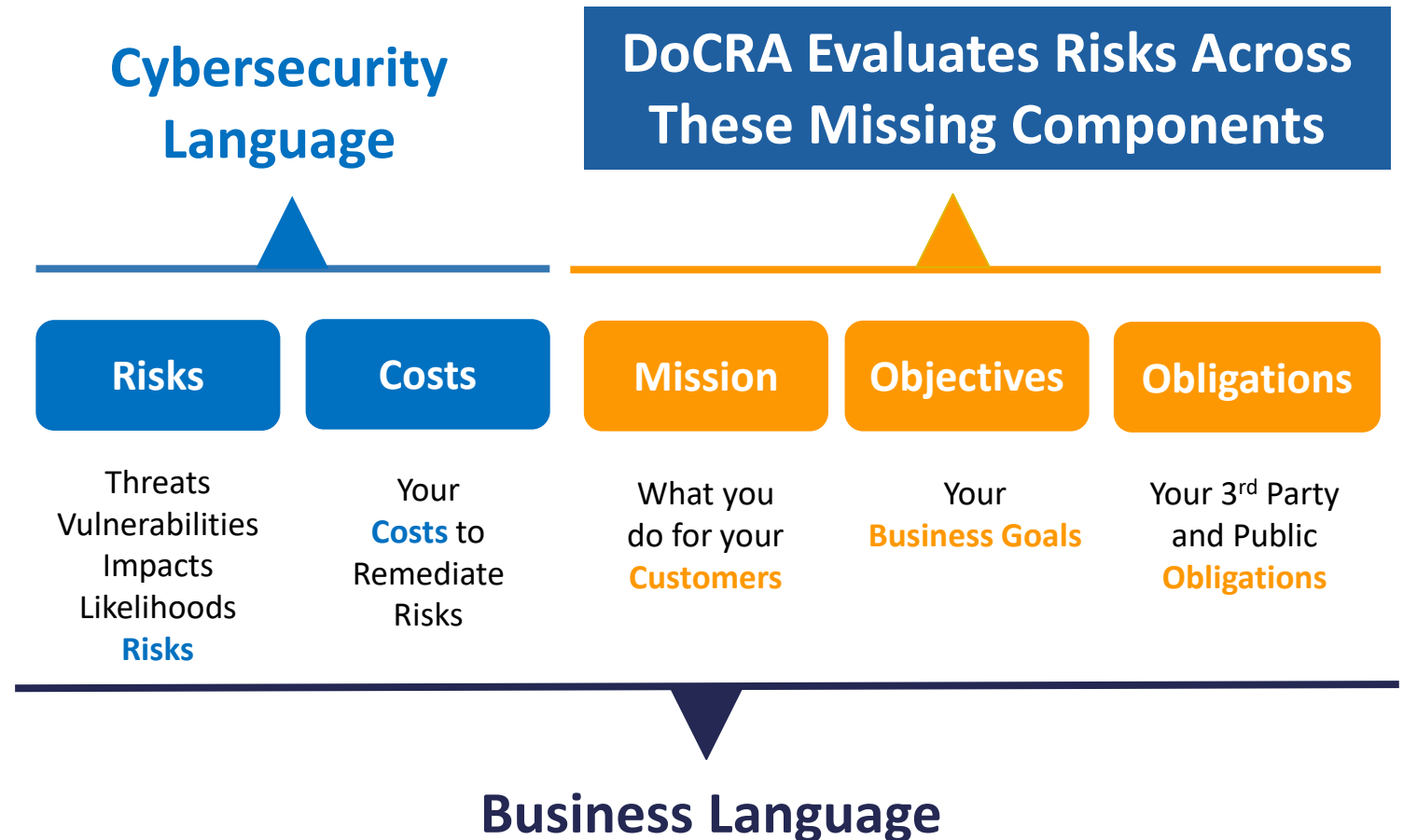
Duty of Care Risk Analysis (DoCRA) is the solution for creating a common language between Cybersecurity and Business!

DoCRA is based on the legal concept of “**Due Care.**” This means, we must reasonably protect others from the harm we may cause them.

Due Care is the level of care that the legal system expects an organization to perform.

How does DoCRA create a Common Language?

DoCRA fills in the missing components to create a common language as a universal translator.



Defining the Line of Acceptable Risk Involves Evaluating Mission, Objectives and Obligations Impacts

Impact	Mission What Do You Do For Your Customers	Objectives Your Business Goals	Obligations Your Public Duty
Definition	1. We work every day to be the leading global provider of high value, mission-critical solutions that help customers safely, reliably, and productively keep their goods and assets moving.	1. To be a leading marketer and world class manufacturer of power transmission, aerospace, and specialty components, products & systems and provide superior growth and command sustainable competitive advantage. 2. To support annual operational and fiscal goals.	1. Protect personnel information. 2. Protect customer information. 3. Protect investor interests.
5. Catastrophic	5.00 ACME would not be able to help customers safely, reliably, productively keep their goods and assets moving.	5.10 ACME could not operate as a profitable organization.	5.10 Multiple customers would experience significant harm (financial, safety including loss of life, etc.) as a result. 5.20 Personnel suffering irreparable harm including loss of life. 5.30 Company reputation or stock value would suffer permanent, terminal loss of value.
4. High	4.00 Many customers would report that ACME could not help them safely, reliably, productively keep their goods and assets moving.	4.10 Strategic plans or annual operational and fiscal goals would be severely off target and would require material investment or lost opportunity to recover. 4.20 Would result in Business Unit failure.	4.10 Multiple customers would experience harm (financial, safety, etc.) as a result. 4.20 A material count of personnel suffer harm such as identity theft, reputational damage, or financial harm. 4.30 Company reputation or stock value would decrease long-term.
3. Unacceptable	3.00 Some customers would report that ACME could not help them safely, reliably, productively keep their goods and assets moving.	3.10 Strategic plans or annual operational and fiscal goals would be off target and outside of planned variance. 3.20 This would require countermeasures to recover.	3.10 At least one customer would experience harm (financial, safety, etc.) as a result. 3.20 A small set of personnel suffer harm such as identity theft, reputational damage, or financial harm. 3.30 Company reputation or stock value would decrease short-term.
2. Acceptable	2.00 We would not expect to see customer satisfaction surveys describe a negative perception.	2.10 Strategic plans would be off target, but within planned variance. 2.20 Annual operational and fiscal goals would be off target, but within planned variance.	2.10 Compromise of information assets may cause concern to customers but would not result in harm. 2.20 Compromise of information assets may cause concern to personnel but would not result in harm. 2.30 Compromise of information assets may cause concern to investors but would not result in harm.
1. Negligible	1.00 No detected impact or impairment of mission.	1.10 Targets set in strategic plans remain on target. 1.20 Annual operational and fiscal goals remain on target.	1.10 CUI and customer information remains accessible only to approved parties. 1.20 Personnel information remains accessible only to approved parties. 1.30 Corporate value and stock prices are unaffected.

Above That Line are “Unacceptable” Impacts

Impact	Mission What Do You Do For Your Customers	Objectives Your Business Goals	Obligations Your Public Duty
Definition	1. We work every day to be the leading global provider of high value, mission-critical solutions that help customers safely, reliably, and productively keep their goods and assets moving.	1. To be a leading marketer and world class manufacturer of power transmission, aerospace, and specialty components, products & systems and provide superior growth and command sustainable competitive advantage. 2. To support annual operational and fiscal goals.	1. Protect personnel information. 2. Protect customer information. 3. Protect investor interests.
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Aligned with SEC rule’s materiality clauses.

This is when you would disclose an incident.

Your Likelihood Levels Define What is “Foreseeable”

Likelihood Score	Label	Description
5	Continuous	This happens regularly.
4	Common	This happens occasionally.
3	Foreseeable, Expected	We are certain this will eventually occur, but it is not common.
2	Foreseeable, Not Expected	This is plausible, but not expected.
1	Not Foreseeable	This is not plausible in the environment.

Defining “The Line” of Acceptable Risk

Impact – At this impact level this organization wishes to remediate

3. Unacceptable	3.00 Some customers would report that ACME could not help them safely, reliably, productively keep their goods and assets moving.	3.10 Strategic plans or annual operational and fiscal goals would be off target and outside of planned variance. 3.20 This would require countermeasures to recover.	3.10 At least one customer would experience harm (financial, safety, etc.) as a result. 3.20 A small set of personnel suffer harm such as identity theft, reputational damage, or financial harm. 3.30 Company reputation or stock value would decrease short-term.
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X

Likelihood – At this likelihood this organization wishes to remediate

3	Foreseeable, Expected	We are certain this will eventually occur, but it is not common.
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=9

Defining “The Line”

This organization decided that when an event likelihood is “**Foreseeable, Expected**” AND the impact is “**Unacceptable**” then this is their “line” at and above which **they always will remediate**.

The LINE Identifies those Risks that Require Treatment and those Risks we Can **Accept**

The **red line** represents our **Acceptable Risk Level** (a “9”), below which we “**accept**” the risk and at or above which we must do something to “**mitigate**” the risk.

Risk ID	Risk Score	Risk Description	Likelihood	MISSION (For Our Customers)	OBJECTIVES (Business Goals)	OBLIGATIONS (3 RD Party & Public)
12	25	IT Security conducts informal assessments of all third parties prior to contract completion.	5	4	3	5
8	15	Secure application development is conducted by a third party that is non contractually obligated or coding securely.	3	4	4	5
2	12	All access requests are submitted via ServiceNow and executed by IT.	3	4	3	2
5	6	Passwords for privileged accounts not adequately managed	2	2	3	2
9	6	Employee onboarding lacks access roles	3	2	1	2

Survey Question #2

2

Ensuring your security program is **Legally Defensible** and complies with **the new SEC Cybersecurity Rules** (published July 26, 2023).

What is Duty of Care?

- **Duty of Care** is foundational for assessing liability in our legal system since 1842
 - **Duty of Care Risk Analysis (DoCRA)** is the implementation of Duty of Care for Cybersecurity Risk Assessments
 - **DoCRA** has had significant adoption
 - **Over 120,000 downloads** of the CIS RAM 2.0 (DoCRA-Based Risk Assessment)
 - **DoCRA has been recognized and advocated by state Attorneys General** to determine whether **controls were legally “reasonable” during a breach**
 - **Utilized by federal regulators** to develop post-breach corrective action plans (injunctive relief)
- Implementing (and operating) DoCRA demonstrates your program is legally defensible.



Background on DoCRA

- The **DoCRA Standard** was launched in 2018
- **The DoCRA Council** is a non-profit organization
- **DoCRA** donated a version of its Risk Assessment Methodology to CIS® (Center for Internet Security)
- CIS published the Risk Assessment Methods 1.0 and 2.1 (**CIS RAM**), containing DoCRA, with the CIS Controls Version 8
- **DoCRA** can be utilized with CIS, NIST, ISO or any control set



How DoCRA Covers all the Bases for a Legally “Reasonable” Implementation of Controls

Method	Common to Risk Assessment Methods					Evaluates Due Care				
	Considers Assets	Considers Vulnerabilities	Considers Threats	Estimates Likelihood	Estimates Magnitude of Harm to Self	Provides a Standard of Care	Estimates Magnitude of Harm to Others	Defines Acceptable Risk	Defines Reasonability	Evaluates Safeguard Risk
DoCRA Duty of Care Risk Analysis	●	●	●	●	●	●	●	●	●	●
ISO 27005	●	●	●	●	●	●	○	○	○	○
NIST 800-30	●	●	●	●	●	●	○	○	○	○
RISK IT	●	●	●	●	●	●	○	○	○	○
AIE Applied Information Economics	●	○	●	●	●	○	○	●	○	○
FAIR Factor Analysis for Information Risk	●	●	●	●	●	○	○	○	○	○
Gap Assessments Audits, "Yes/No/Partial"	○	○	○	○	○	●	○	○	○	○
Maturity Assessments CMMI, HITRUST, FFIEC CAT	●	○	○	○	○	●	○	○	○	○

● Fully applies
 ○ Required, but seldom applied
 ○ Plausible, but seldom demonstrated

* Provided by the DoCRA Council - www.docra.org.



- Maturity Models and Gap Assessments do not satisfy regulations that require risk analysis to prioritize limited resources.

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DoCRA Duty of Care Risk Analysis	●	●	●	●	●	●	●	●	●	●
ISO 27005	●	●	●	●	●	●	○	○	○	○
NIST 800-30	●	●	●	●	●	●	○	○	○	○
RISK IT	●	●	●	●	●	●	○	○	○	○
AIE Applied Information Economics	●	○	●	●	●	○	○	●	○	○
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- Maturity Models and Gap Assessments do not satisfy regulations that require risk analysis to prioritize limited resources.
- Only DoCRA requires impacts inside and outside the organization to be treated equally. This is the balancing test required by law

SEC Ruling on Cybersecurity – July 26, 2023



U.S. SECURITIES AND
EXCHANGE COMMISSION

- This rule is intended to provide investors more consistent information to make decisions
- It applies to public companies registered with the SEC.
- If any of your customers or vendors are publicly traded companies, it's just a matter of time before they expect some form of this from your company as their 3rd party business partner.
- **We will all need to comply with the new SEC Cybersecurity Rule in some shape or form.**

Cybersecurity Risk Management, Strategy, Governance, and Incident Disclosure by Public Companies – July 26, 2023




- Think of this as Sarbanes Oxley (SOX) for Cybersecurity.
- The intent is to provide investors transparent information about cyber risk management.
- They apply to public companies registered with the SEC.
- If any of your customers are **publicly traded companies**, expect them to include you in their third-party risk management (TPRM) program.
- This will set expectations for open communication about cyber risk for all businesses.

New SEC Cybersecurity Rules: Think Sarbanes Oxley for Cybersecurity


- Official Version (186 pages)
 - <https://www.sec.gov/files/rules/final/2023/33-11216.pdf>
 - Date Published
 - July 26, 2023
 - Official Name
 - “Cybersecurity Risk Management, Strategy, Governance, and Incident Disclosure”
 - Filed as 17 CFR Parts 229, 232, 239, 240, and 249
 - Applies to SEC Disclosure Reports for Investors
 - 8-K, 10-K, S-K, 20-F forms
- It requires accountability, transparency and communication to Management Team and the Board of Directors for public companies regarding their cybersecurity risks and incidents.



SEC Cybersecurity Risk Management Rules – Highlights

Regulation	Summary of Regulation	What Companies Will Need To Do	Do These 5 Capabilities Enable You to Deliver This?	How Do These 5 Capabilities Enable You to Deliver On This?
<p>§229.106 (Item 106) Cybersecurity. (b) Risk management and strategy. (1)</p>	<p>Articulate clearly your <u>cybersecurity strategy</u> “in sufficient detail for <u>a reasonable investor</u> to understand.”</p>	<p>Describe how your <u>risk management program will inform your investors</u> about impacts that they would consider <u>material</u>.</p>		<ul style="list-style-type: none"> • DoCRA based Calculated Acceptable Risk Definition (CARD) • halock.com • docra.org

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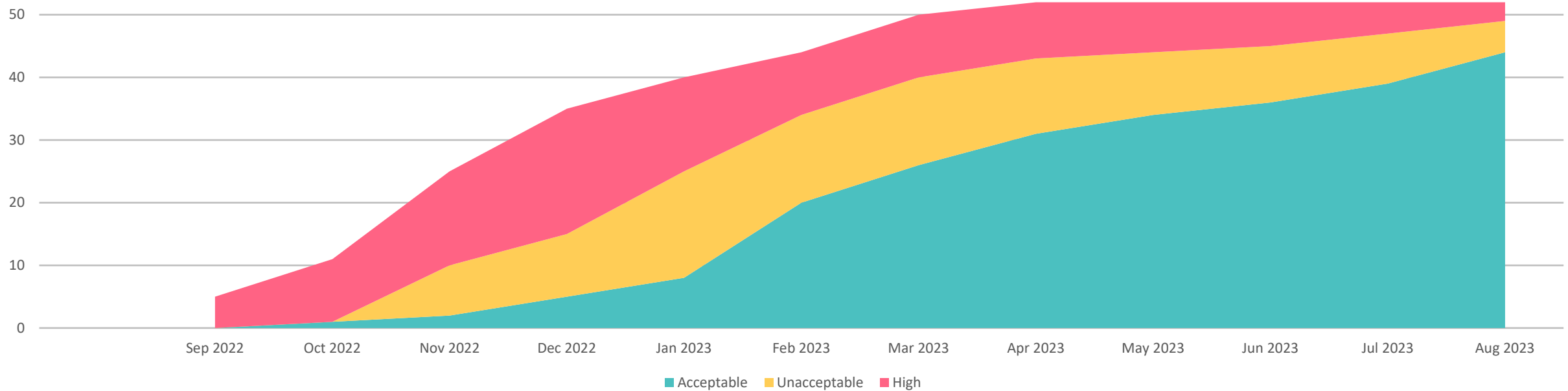
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§229.106 (Item 106) Cybersecurity. (c) Governance (1)	Describe Board of Directors oversight on cybersecurity risks and a description of how Board of Directors are informed.	Companies will need to convey risks and key decisions to Board of Directors in business terms.		<ul style="list-style-type: none"> • Reasonable Risk SaaS Expenditure Approval Board of Directors Report • reasonablerisk.com

3

Understanding the Known Risk to your organization.

Big Picture: Program Progress Over Time

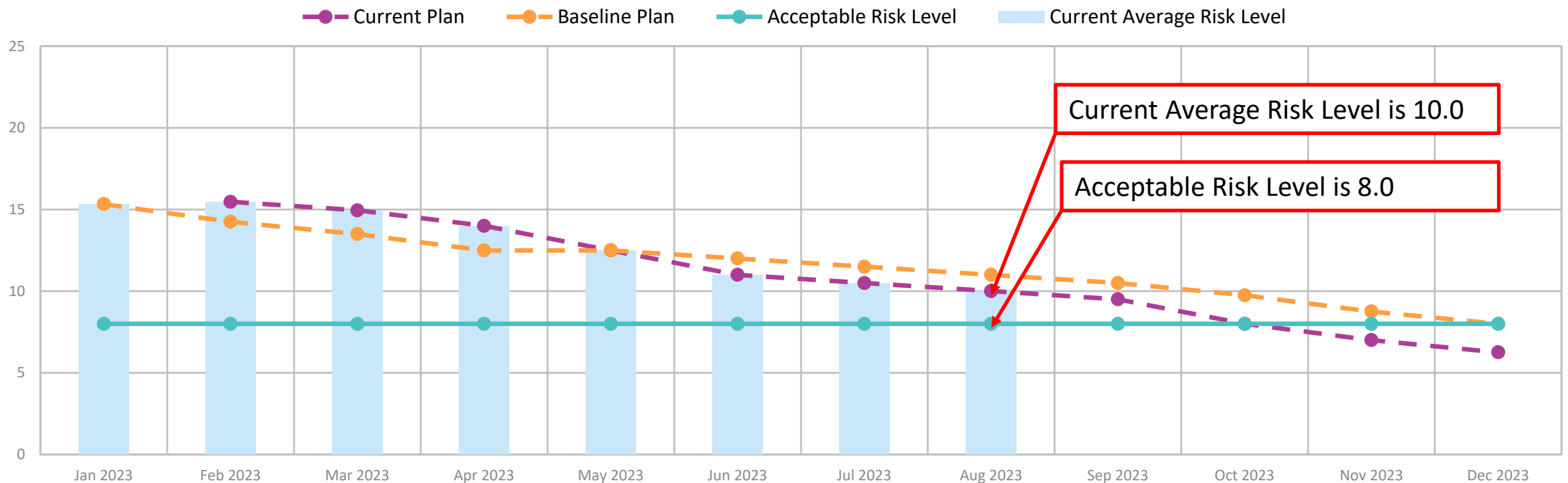
	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
High	5	10	15	20	15	10	10	9	8	7	5	3
Unacceptable			8	10	17	14	14	12	10	9	8	5
Acceptable		1	2	5	8	20	26	31	34	36	39	44
Total	5	11	25	35	40	44	50	52	52	52	52	52



How Does Our Average Risk Score Compare to the Acceptable Risk Level?

- Our Current Average Risk Level across the entire Risk Register is 10.0
- Our Acceptable Risk Level is 8.0
- We are not yet where we want to be, but we are trending there

Average Risk Level Over Time



Given that Averages Can Hide Outliers, List All Unacceptable Risks

24	Centralize Security Event Alerting Status: In Progress	20
52	Establish and Maintain a Data Management Process Status: In Progress	16
49	Establish and Maintain a Data Inventory Status: In Progress	16
50	Securely Dispose of Data Status: In Progress	12
31	Test Data Recovery Status: In Progress	12
12	Train Workforce on Data Handling Best Practices Status: In Progress	10
47	Configure Automatic Session Locking on Enterprise Assets Status: In Progress	9

4

Providing the C-Suite with a Roadmap for your program that reduces risk to an acceptable level.

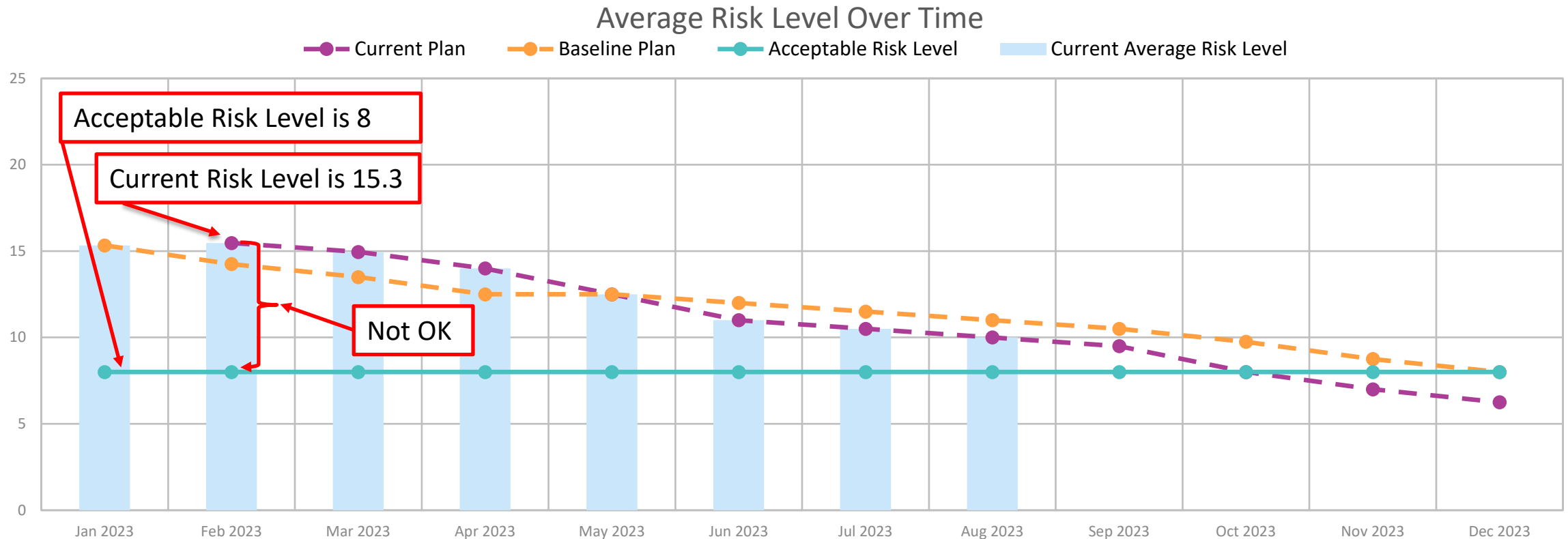
Why is Providing a Roadmap so Difficult?

- It is difficult to maintain risk models with changing data over time
- If you do a good job, you'll be asked to always produce it going forward
- How do you define if the overall Risk Level is “OK” or not?
- And if the Risk Level is “Not OK”, how do you define “how to get to OK?”

Roadmap: Planned vs. Actual Risk Reduction

Are we OK?

- Our Current Average Risk level was over 15 in January (**not OK**)
- We are striving to get to Acceptable Risk Level of 8 or less (**how we define OK**)



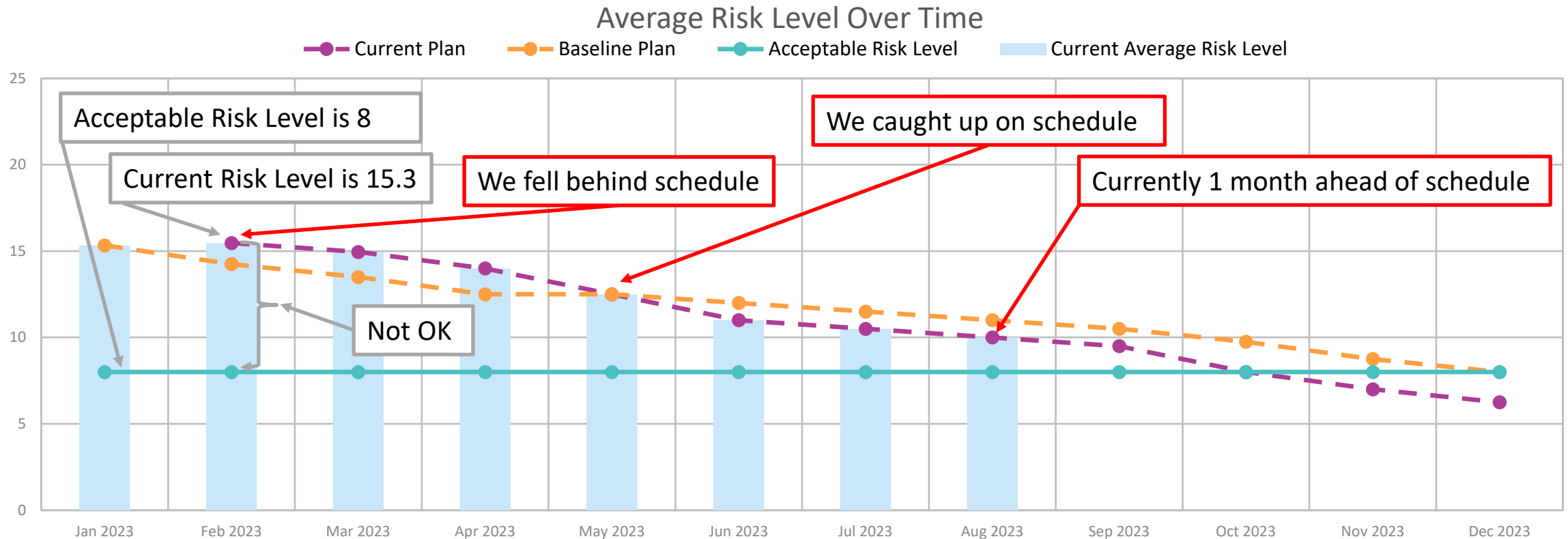
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How do we get to OK?

- We fell behind schedule in February of 2023 but have now caught up in May and currently 1 month ahead of schedule.



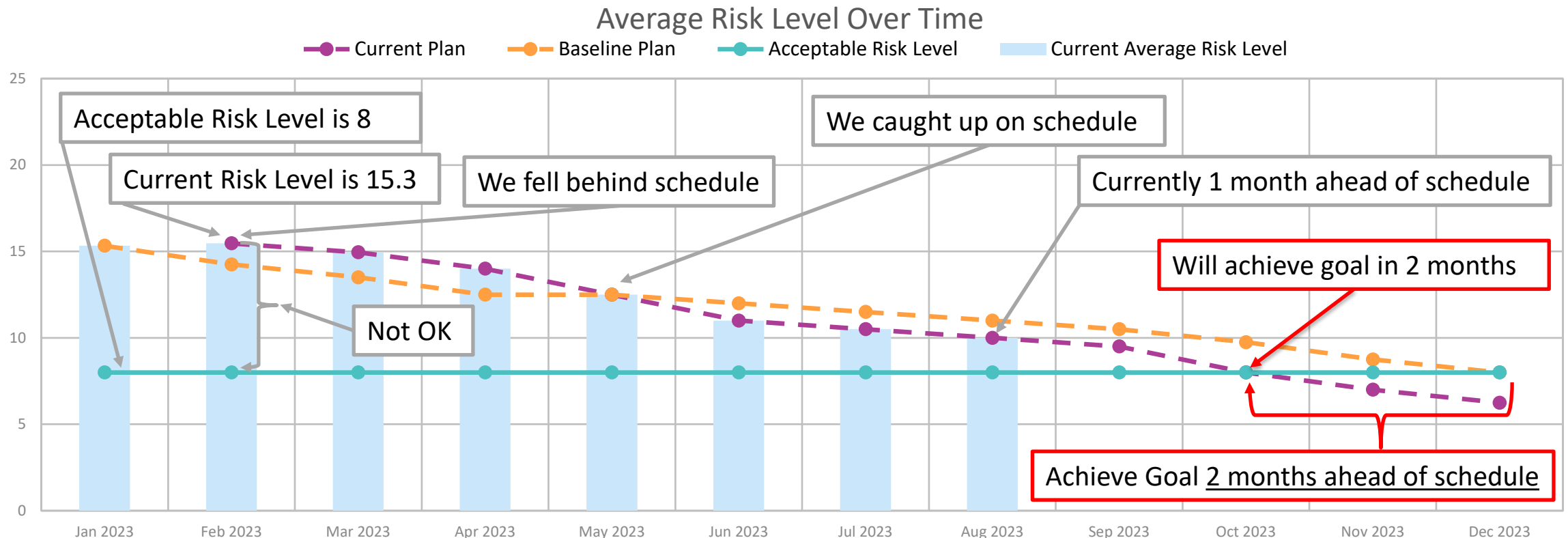
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How do we get to OK?

- We fell behind schedule in February of 2023 but have now caught up in May and currently 1 month ahead of schedule.
- We **will achieve our goal in 2 months**, this October, which will be **2 months ahead of schedule**.
- Our risk reduction will follow the “current plan” line as we implement the **remediation projects that you have approved**.



5

**Communicating Risks and
Justifying Expenditure
Requests** in business terms.

Can C-Suite and BoD Make Informed Decisions?

If you asked your Leadership Team these four questions, how would they respond?

- 1. Risk Management:** Do we have a “clear line” to definitively know if a Risk is “okay” to accept, or “not okay” to accept and we need to remediate it?
- 2. Communication:** When discussing risks, is Cybersecurity and Senior Leadership speaking the same or different languages?
- 3. Legal Protection:** Are we in a legally defensible position?
- 4. Budgeting:** Are we spending the right amount?

Can C-Suite and BoD Make Informed Decisions?

We surveyed 140 **C-Level Executives**¹. Of the respondents:

65% DO NOT understand **when** it is “okay” to accept a risk

85% DO NOT understand **what** Cybersecurity is saying

96% DO NOT know if they are in a **legally defensible** position

97% DO NOT know if they are spending the **right amount** on Security

**Executives do not have the information
they need to feel comfortable making decisions!**

¹ Cybersecurity Breakfast “How Safe Is Your Data” Webinar - April 22nd, 2021

What Happens if Executives Do Not Have the Information They Need to Make Informed Decisions?

- They approve as little as they feel they must
- That is why the Cybersecurity function is so frequently under-resourced



The Trust & Confidence Meter



Trust

In how you Manage Security

Confidence

In the information presented to reach a Quality Decision

Two Expenditure Approval Approaches with Different Outcomes

Example: Data Loss Prevention (DLP) Budget Approval Request

1. Traditional Approach

2. Proven Budget Narrative Approach

Traditional Expenditure Approval Approach

Traditional Approach – DLP Expenditure Request

CISO: “We need a DLP product to catch personal information for claims data that might be leaving the company through email, FTP, web app file shares, or other means.”

CISO: “I recommend this \$280,000 solution that solves this burning issue and gets us everything we need.”

CFO: “That’s a quarter of your budget. Is there a more affordable option or could we implement just a portion of it?”

CISO: “The entry level, bare-bones solution from this vendor is \$50,000, but it will not reduce risk to an acceptable level.”

CFO: “Let’s start with approving \$50,000 this year and re-evaluate next year.”

FAIL

Traditional Approach – DLP Expenditure Request

Does Management Have Information to Feel Comfortable?

1. **Risk Management:** “clear line” to know if a Risk “is okay” to accept? **Don't Know**
2. **Communication:** Speaking the same or different languages? **Don't Understand**
3. **Legal Protection:** Legally protected? **Not Sure**
4. **Budgeting:** Spending the right amount? **Don't Know**

Trust and Confidence



What happened?

- The Budget *Approver did not have* the information they needed, so the Budget *Requester did not receive* the budget they needed!
- The *CISO received 20%* of the budget they requested.
- The *company is exposed* and the *CISO is exposed*.

Proven Expenditure Approval Approach Utilizing These 5 Capabilities

Putting it All Together...

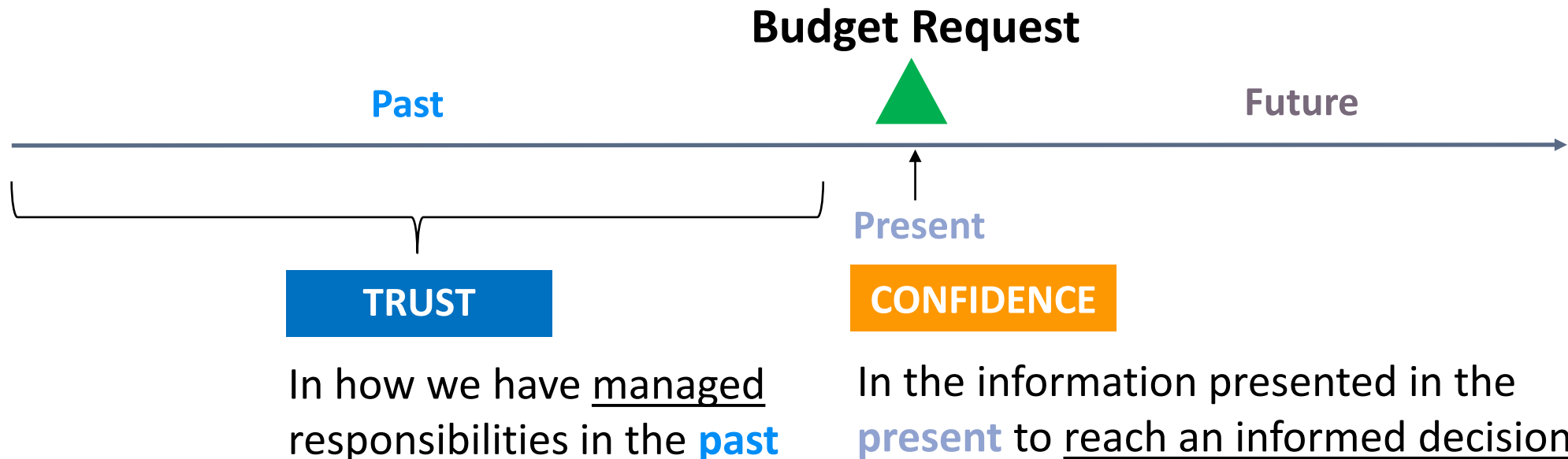
Two Factors to Consider When Approving Expenditures

TRUST

In how we have managed responsibilities in the **past**

CONFIDENCE

In the information presented in the **present** to reach an informed decision



Proven Expenditure Approval Approach to Establishing Trust and Enabling Confidence

Trust
in how we
manage
responsibilities

- 1 Big Picture** – Program Progress Over Time
- 2 Since Our Last Review** – Program Changes
- 3 Roadmap** – Planned vs. Actual Risk Reduction (Historic and Future)

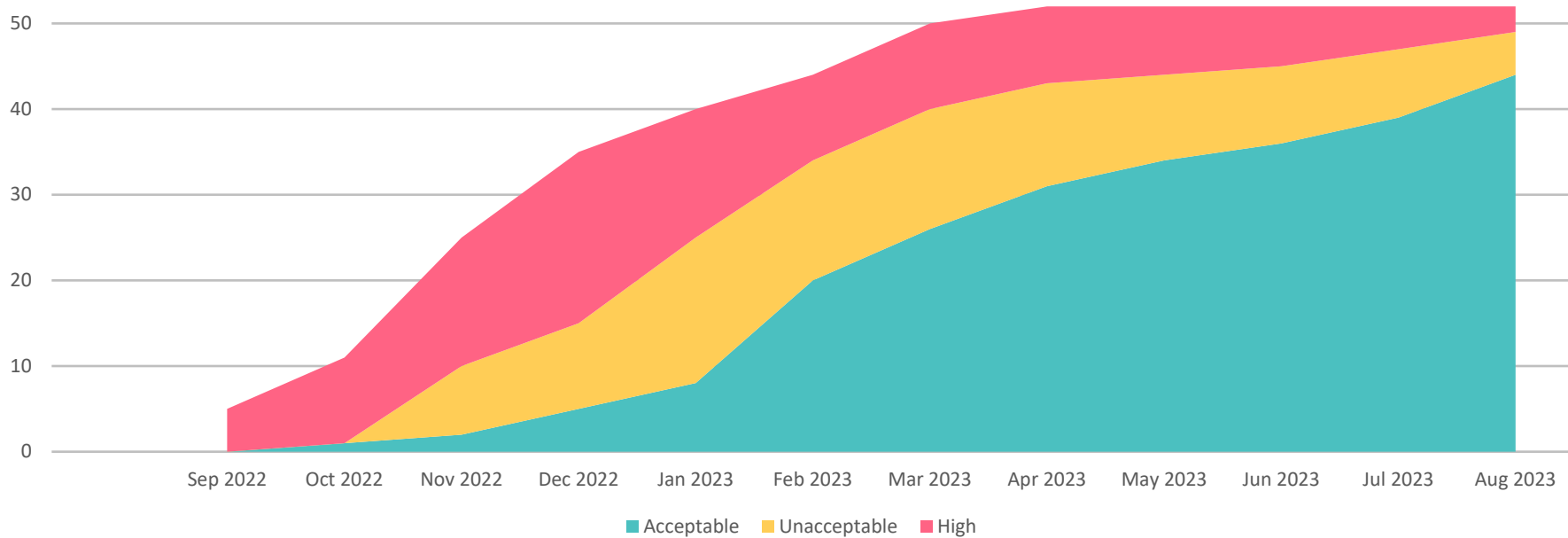
Confidence
in the
information
presented to
reach an
informed
decision

- 4 List of Unacceptable Risks**
- 5 Budget Request – Level 1:** Budget Level (Projects and Costs)
- 6 Budget Request – Level 2:** Project Level (Projects and Business Impacts)
- 7 Budget Request – Level 3:** Risk Level (Risks and Business Impacts)

Proven Expenditure Approval Narrative

1 Big Picture - Program Progress Over Time

	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023
High	5	10	15	20	15	10	10	9	8	7	5	3
Unacceptable			8	10	17	14	14	12	10	9	8	5
Acceptable		1	2	5	8	20	26	31	34	36	39	44
Total	5	11	25	35	40	44	50	52	52	52	52	52



Proven Expenditure Approval Narrative

2 Since Our Last Review – Program Changes

New Risks Identified Several new risks identified relating to the Business Email Compromise Incident we experienced last quarter.

Risks	Acceptable	Unacceptable	High
Risk Count Prior to Last Review	7	2	4
New Risks Identified Since Last Review	0	0	0
Risk Count Current	7	2	4

What contributed to risks since last review:

- Customer Requirements
- Incident
- Mergers & acquisitions
- New Technology
- Penetration Test
- Regulatory Change
- Scope Increase
- Other Assessment
- Zero Day
- Other (see below)
- Threat Landscape

Comments We completed our yearly Pen Test and also experienced a security incident in the Finance Business Unit relating to Business Email Compromise (BEC)

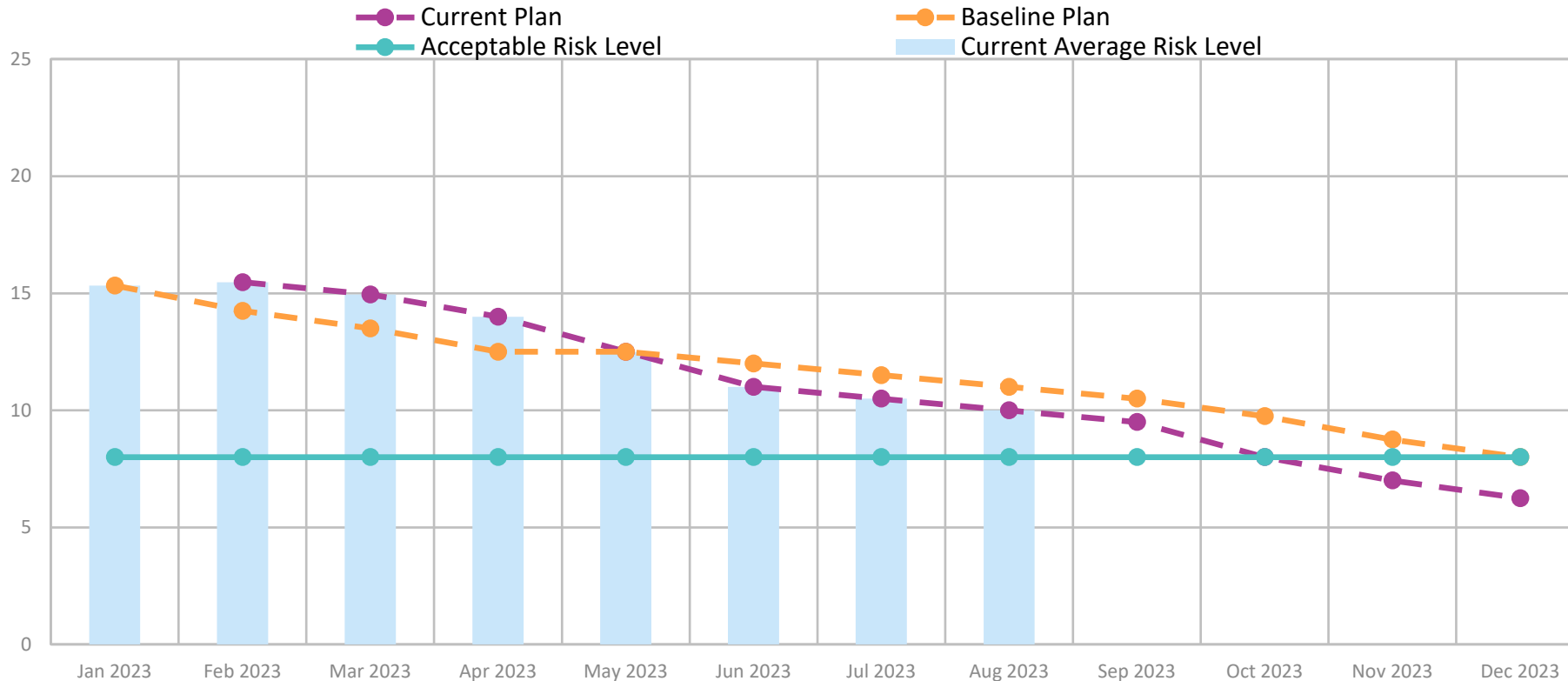


Proven Expenditure Approval Narrative

3 Roadmap – Planned vs. Actual Risk Level

- As of May, we are ahead of schedule and currently on track to achieve the target risk level 2 months ahead of schedule.
- The decisions you made when you approved resources in January, ***enabled the organization to achieve these results.***

Average Risk Level Over Time



Proven Expenditure Approval Narrative

4 List of Unacceptable Risks

- Personally Identifiable Information (PII) unintentionally leaving the organization is currently the highest risk is the Risk Register

Risk ID	Risk Score	Risk Description	Likelihood	MISSION (For Our Customers)	OBJECTIVES (Business Goals)	OBLIGATIONS (3 RD Party & Public)
12	20	PII leaving the perimeter unintentionally	4	4	3	5
8	15	Secure application development is conducted by a third party that is non contractually obligated or coding securely.	3	4	4	5
2	12	All access requests are submitted via ServiceNow and executed by IT.	3	4	3	2
5	6	Passwords for privileged accounts not adequately managed	2	2	3	2
9	6	Employee onboarding lacks access roles	3	2	1	2



Proven Expenditure Approval Narrative

5 Level 1: Budget Level

Remediation Project	Estimated Completion Date	Status	Approved	RiskIDs Treated	Initial Implementation Costs		Ongoing Yearly Costs		Risk Reduction
					Hard Costs	Soft Costs	Hard Costs	Soft Costs	
DLP Implementation	12/31/2022	Open	No	5	\$250,000	\$30,000	\$20,000	\$10,000	20 to 6
Total					\$250,000	\$30,000	\$20,000	\$10,000	

Today's Budget Request Summary

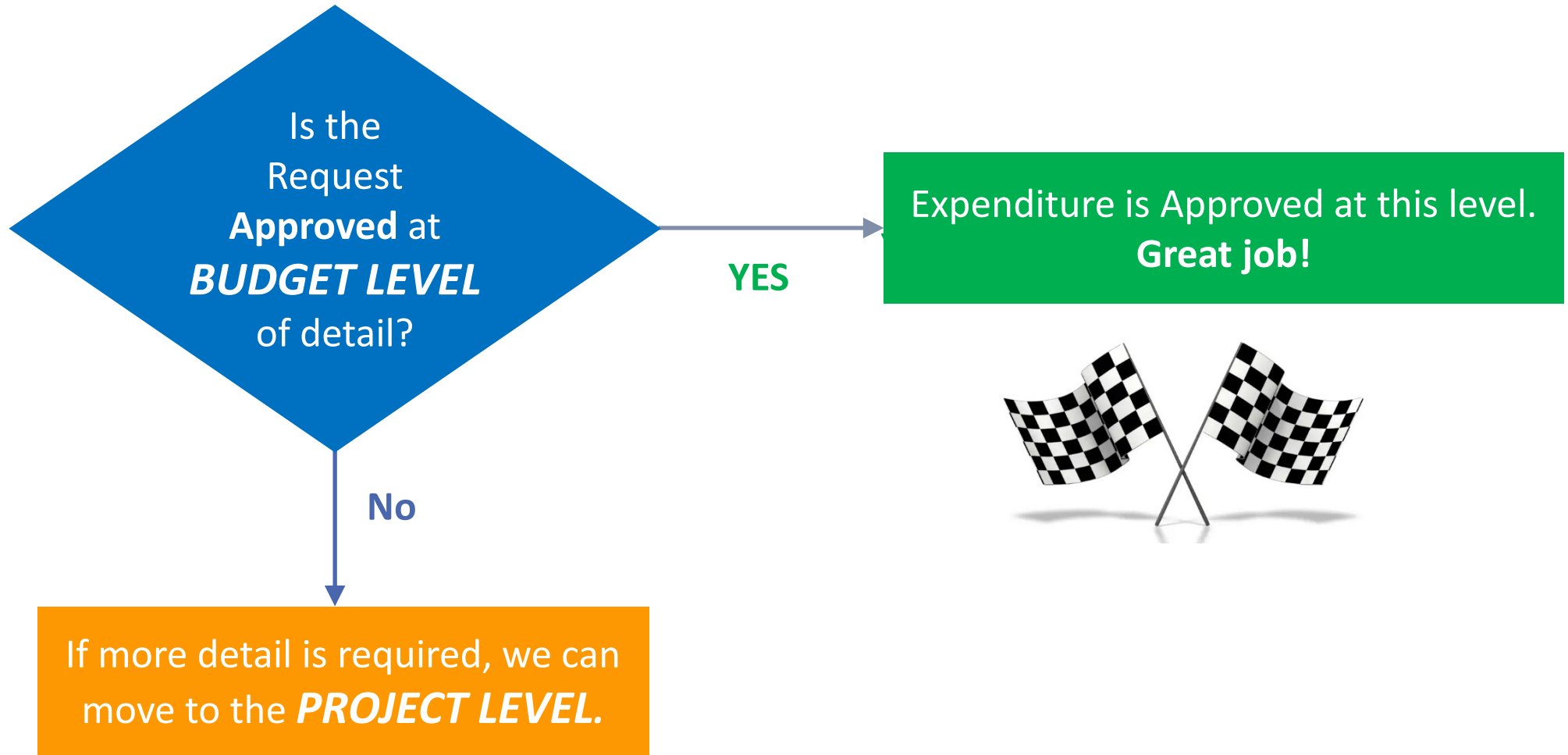
- Total Initial **Implementation Costs**: \$280,000 (\$250,000 Hard Costs + \$30,000 Soft Costs)
- Total Ongoing **Yearly Ongoing Costs**: \$30,000 (\$20,000 Hard Costs + \$10,000 Soft Costs)

Yearly Budget Variance Summary

- Yearly Budget Approved: \$1,000,000
- Yearly Budget Already Committed: \$800,000
- Budget Variance Requested: \$80,000 ($\$280,000 + \$800,000 = \$1,080,000$. This \$80,000 Over Approved Budget)



Level 1 – Is Budget Level Request Sufficient?



Proven Expenditure Approval Narrative

6 Level 2: Project Level

Project Name: *DLP Implementation Project*

Estimated Completion Date	Status	Approved	RiskIDs Treated	Initial Implementation Costs		Ongoing Yearly Costs		Risk Reduction
				Hard Costs	Soft Costs	Hard Costs	Soft Costs	
12/31/2021	Open	No	5	\$250,000	\$30,000	\$20,000	\$10,000	20 to 6

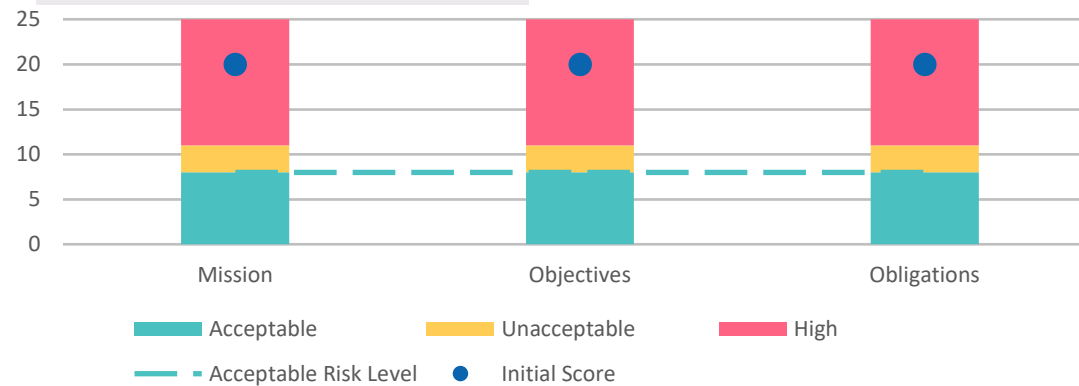
What This Project Accomplishes

PII Leaving Perimeter. Utilizing a \$165 cost per lost PII record (2023 IBM Cost of Data Breach Report), we calculate a breach cost of \$1,650,000 (\$165 x 10,000 customer records) with a potential likelihood of (5) multiple time each year.

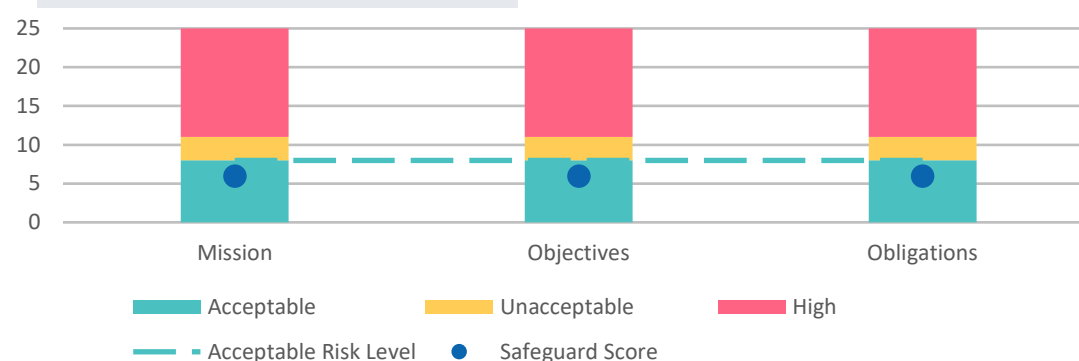
This risk has a potential financial impact of \$1,650,000 multiple times per year

Notes

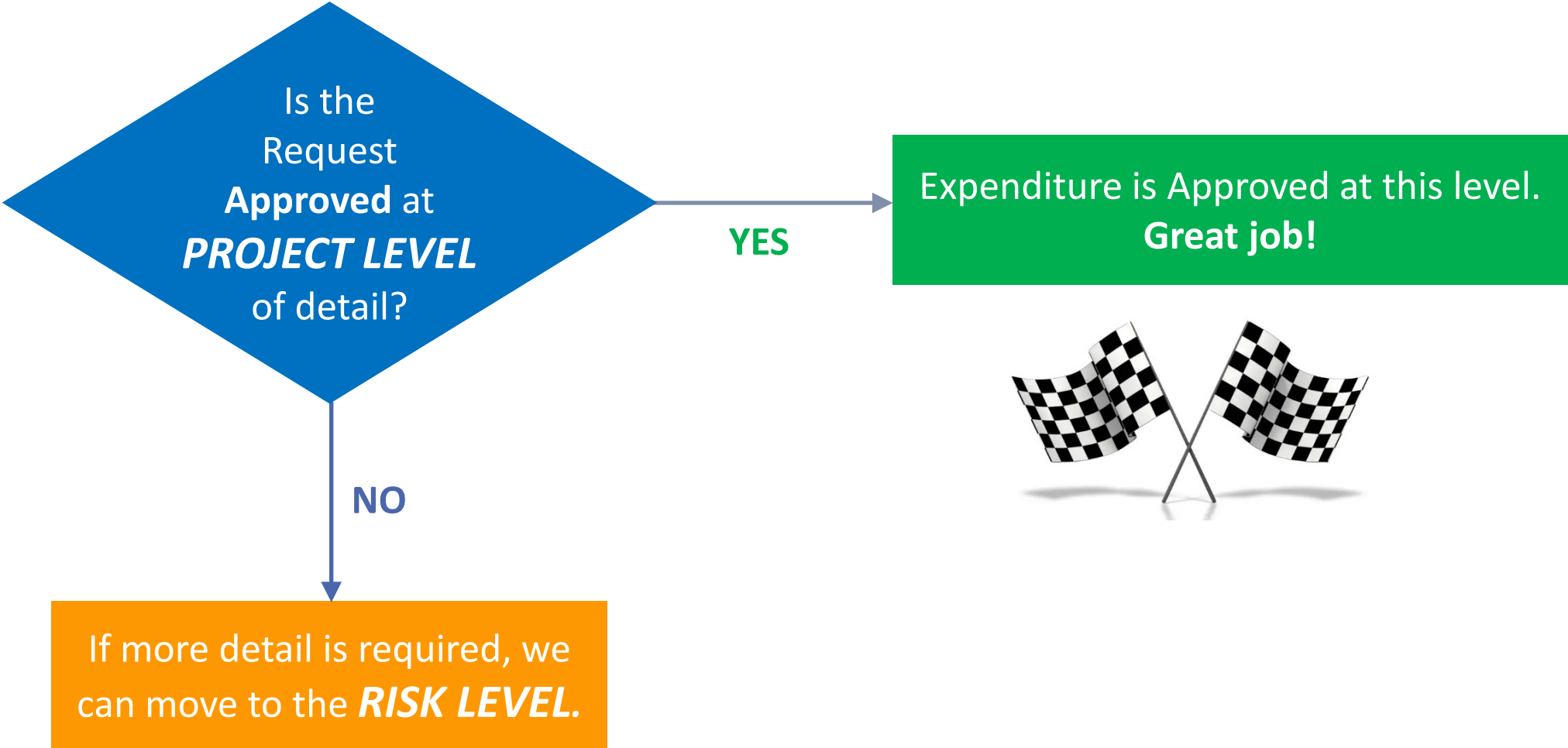
Risk ID 5 | BEFORE THE SAFEGUARD



Risk ID 5 | AFTER THE SAFEGUARD



Level 2 – Is Project Level Request Sufficient?

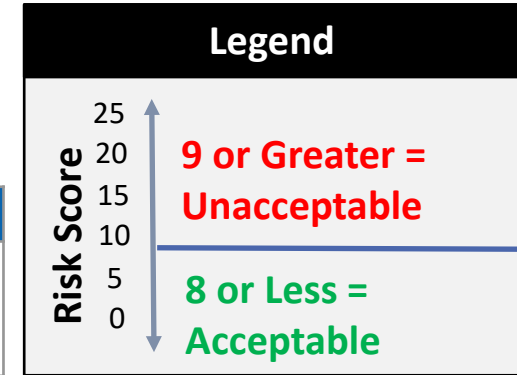


Proven Expenditure Approval Narrative

7 Level 3: Risk Level

Risk Overview

Risk ID	Risk Description
5	PII Leaving Perimeter. Utilizing a \$165 cost per PII lost record (2023 IBM Cost of Data Breach Report), we calculate a breach cost of \$1,650,000 (\$650 x 10,000 customer records) with a potential likelihood of (5) multiple time each year. This risk has a potential financial impact of \$1,650,000 multiple times per year.



Related Project Overview

Remediation Project	Estimated Completion Date	Status	Approved	RiskIDs Treated	Initial Implementation Costs		Ongoing Yearly Costs		Risk Reduction
					Hard Costs	Soft Costs	Hard Costs	Soft Costs	
DLP Implementation Project	12/31/2022	Open	No	5	\$250,000	\$30,000	\$20,000	\$10,000	20 to 6

RISK IF PROJECT IS NOT DONE

Risk Score: 20 out of 25 (Unacceptable)	Mission Score: 16 out of 25	Objectives Score: 16 out of 25	Obligations Score: 20 out of 25
Likelihood = 4 Likelihood (4) x Highest Impact (5) = Risk of 20	4.00 - Many Customers consistently cannot access beneficial information.	4.00 - Profits may take more than a fiscal year to recover.	5.00 - 10,000+ records exposed

RISK AFTER DOING THE PROJECT

Risk Score: 6 out of 25 (Acceptable)	Mission Score: 6 out of 25	Objectives Score: 6 out of 25	Obligations Score: 2 out of 25
Likelihood = 2 Likelihood (2) x Highest Impact (3) = Risk of 6	3.00 - Some Customers cannot access the information they need to maintain good health outcomes.	3.00 - Profits are off planned variance and may take a fiscal year to recover.	1.00 - 0 to 49 records exposed



Proven Expenditure Approval Approach

Does Management have information to answer the 4 questions?

1. **Risk Management:** “clear line” to know if a Risk “is okay” to accept? **Yes, must remediate**
2. **Communication:** Speaking the same or different languages? **Yes, impacts in business terms**
3. **Legal Protection:** Legally protected? **Yes, we’re performing “due care”**
4. **Budgeting:** Spending the right amount? **Yes, spending \$280,000 first year to avoid \$1.65M potential impact multiple times each year**

Trust and Confidence



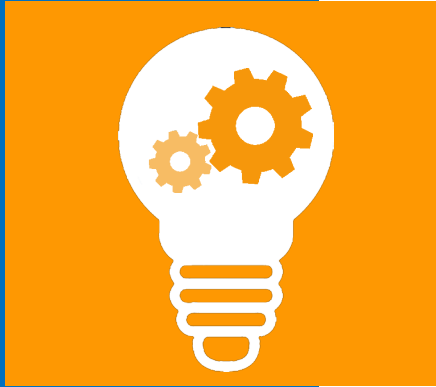
What happened?

- Built Trust using the Proven Expenditure Approval Narrative
- Answered all 4 Questions

Expenditure Approved!



Survey Question #3

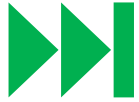


Applying It

Next Steps...

Options for Getting Started

Automatic



Implement & Maintain
Compliance with DoCRA



3

**Systematize
via Software
Application**

ReasonableRisk.com Software as a Service (SaaS)

- **DoCRA** – The only SaaS with DoCRA natively built in.
- **All 5 Capabilities** provided “out of the box” as part of Management Reporting.
- Allows you to **Maintain your compliance.**

Assisted



Implement
DoCRA and
5 Capabilities



2

**Consulting
Support**

HALOCK Risk Management Consulting Services

- **DoCRA** – Consultants guide and help you implement and operate. You get there faster and with less hassle than DIY.
- **5 Capabilities** – Consultants lead development of spreadsheets and PowerPoint views. You then manually update over time.

Manual



1

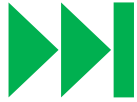
**Do It Yourself
(DIY)**

CIS RAM

- **DoCRA** – Risk Assessment and spreadsheet templates that you populate and manually update over time
- **5 Capabilities** – PowerPoint and Spreadsheet examples provided in this presentation that you populate and manually update over time

Reasonable Risk SaaS - Testimonial

Automatic



Implement & Maintain
Compliance with DoCRA



3

Systematize
via Software
Application

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- Allows you to **Maintain your compliance.**

“It’s important to me that Reasonable Risk is shared with my colleagues because I believe it is a valuable tool. It fills a gap that so many are facing with regard to risk management and having the capability to present that risk to others in a meaningful manner.”

- CISO of \$2.5 Billion Global Conglomerate



Thank you

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CEO, Senior Partner

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3 Ways to Get Started

Just click and go.



Download this presentation



Discuss DoCRA Consulting
Support Services
(halock.com)



Request Demo of
Reasonable Risk Software
(reasonablerisk.com)