



**2024**  
Annual **INCOSE**  
international workshop  
**HYBRID EVENT**  
Torrance, CA, USA  
January 27 - 30, 2024

# Right-size Real-time Risk Management

---

From ideas and worries to plans and action

[www.incose.org/IW2024](http://www.incose.org/IW2024)



# Welcome & Introductions

- You are in the right place if:
  - You are interested in building better risk management systems
  - You are interested in furthering the discussion of applied risk management

Your coaches today are in the right place:

- Craig Leger – eye in the sky
- Russ Winchester
- Brian Pierce
- Carrie Cabak





# Why are we here?

- Trends and experiences increasingly suggest that how we've traditionally managed risk may not be as effective as we really want. So what?
- Our workshop today is intended to extract salient and meaningful requirements for a better way to manage risk based on these trends and experiences





# How will we accomplish this?

- Review/confirm key terms used in this workshop (~10 mins)
- Review assumptions (~10 mins)
- Understand your experiences and trends (~10 mins – group exercise)
- Explore ideal/desired means, methods, practices (~10 mins – group exercise)
- Practical application (60 minutes) – 5 groups (will allocate at least one to Hybrid attendees)
  - Breakout sessions
  - Debrief
  - Repeat
- Wrap up (20 mins)
  - To prepare for wrap up, please capture ideas/thoughts during process





# 3 Key Terms

- Risk – events, situations, or conditions that can affect our entity’s ability to achieve its objectives; can be good (“opportunities”) or bad (“threats”).
- Entity – a collective effort focused on achieving objectives. May be an organization, business unit, department, group, team, program, project, discipline, etc.
- Effectivity/Effectiveness – achieving objectives as desired (per plan with intended outcomes)
- Other terms may be used; if you want to discuss any, please ask





# Assumptions

- People think in terms of ideas and worries.
- Ideas and worries can drive actions, good or bad.
- The easier it is to capture and categorize ideas and worries, and determine whether to assign resources in response, the more likely opportunities and threats will be recognized sooner.
- The sooner we recognize opportunities and threats, the greater the likelihood that we can determine which require/deserve attention.
- Resources are limited; we can't act on all ideas/worries.
- Management needs to know resources are being allocated against an agreed-up set of criteria, specific to the unique and specific needs of the entity.
- There is increased emphasis/integration of performance metrics as contractual incentives and disincentives.
- Management needs to have real-time access to meaningful metrics regarding action status.





# AS IS – Experiences and Challenges

Think about your risk management journey.

Experiences	Good or Bad?	Challenges





# TO BE – what is your IDEAL solution?

If you could design the perfect risk management solution, what would it look like?

Ideal RMS Solution







Let's see if we can create this ideal solution....





# Practical Application

## **SET UP:**

- You are in a group responsible for a business unit of an international megacorporation.
- The entity's mission and goals are provided.
- Your business unit's mission and objectives are provided.
- Workshop activities are based around your business unit.





# Breakout Session 1: 15 mins

- Confirm roles:
  - Creator – the person who will enter new ideas or worries.
  - Validator – the person(s) who will determine if the idea or worry is something for which action should be taken.
  - Owner – the person(s) who organize the analysis and action plan.
  - Management – the person(s) who approve allocation of resources.
- Review your business unit description.
- Brainstorm and record ideas or worries (reference worksheet for format).
- Debrief when prompted.





# Ideas/Worries?

- Don't worry – we'll present summaries to the everyone





# Breakout Session 2: 15 mins

- Review list of ideas/worries.
- Pick 2-5 items.
- Creator logs in here: [nsieng.crm.dynamics.com/apps/RIIMS](https://nsieng.crm.dynamics.com/apps/RIIMS).
- Creator enters ideas/worries into the tool.
- Submit ideas/worries for Validation.
- Validator presents ideas/worries to the team.
- Team determines which ideas/worries to validate (refer to validation criteria from Management) and determines Owner.
- Validator logs in here: [nsieng.crm.dynamics.com/apps/RIIMS](https://nsieng.crm.dynamics.com/apps/RIIMS).
- Validator validates and assigns to an Owner\* as agreed up on by team.
- Present results when prompted.

*\*Owner can be any other Creator on the team*





# Validation

- Don't worry – we'll present valid ideas or worries to everyone





## Breakout Session 3: 15 mins

- Owner reviews idea or issue with Team.
- Team performs analysis and identifies Root Cause.
- Team determines 2-3 tasks to address root cause.
- Owner logs in as “Creator(N)\*”  
here: [nsieng.crm.dynamics.com/apps/RIIMS](https://nsieng.crm.dynamics.com/apps/RIIMS).
- Owner enters information and tasks.
- Present when prompted.

*\*(N) represents a number 1-8, as assigned to the team*





# Status

- How are we doing?
- Let's look at the metrics







# Wrap up

- It's all about engagement.
- Work from the stakeholder's perspective.
- Real time capture and real time reporting.
- Right size the effort to the unique and specific needs of the entity.





# Your help is kindly requested

- With hopes to present a more comprehensive workshop at IS 2024 (and in the future), please help us improve by completing this survey: [Workshop Improvement Survey](#)
  - This is in addition to any survey INCOSE sends you and is specific to the content and execution of this topic.





# As always, ENGAGE!

- Questions? Curiosities? JUST ASK!
  - Carrie Cabak – [carrie@nsieng.com](mailto:carrie@nsieng.com)
  - Russ Winchester – [russ.winchester@nsieng.com](mailto:russ.winchester@nsieng.com)
  - Brian Pierce – [brian.pierce@nsieng.com](mailto:brian.pierce@nsieng.com)
  - Craig Leger – [craig.leger@incose.net](mailto:craig.leger@incose.net)

