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## Leveraging Risk and Intelligence in Cyber Security to drive decision making.

Abstract: Risk and Intelligence are a key partner in supporting business decisions. If risk and intelligence are not a critical part of strategic business planning then the difficulty in protecting the business increases dramatically, costing the company valuable resources. Risk and intelligence teams working together can narrow in on the correct priorities to ensure the business is more prepared to react and become proactive in their operational environment.



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## **Danielle & Faith**

Cargill Risk and Intelligene

20 Years+ Senior IT Experience Computer Science Degree CSSLP





15-year Army Veteran Masters in Cyber Security Masters in Intelligence Studies CISSP



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## Intel + Risk Practices: Foundational to proactive resiliency

Empower business with a strong organizational ability to "absorb and adapt in a changing environment to enable it to deliver its objectives and **survive and prosper**." <u>ISO 22316:2017</u>



**Geo-political** China, Russia, Brexit, Middle East

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#### **Threat Environment**

How are threat actors/orgs behaving, predictive analysis

#### Cyber Digital transformation, third party supply chain, artificial intelligence

#### **Global Events**

Supply chain disruptions, labor shortages, employee safety ad well being

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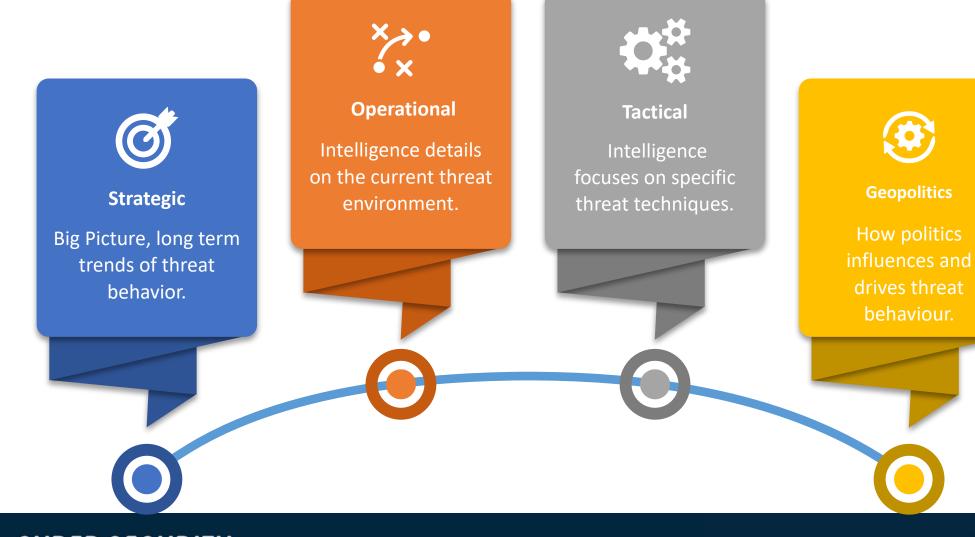
Motivated threat actors are highly resilient and leverage constant change to their competitive advantage. Strategic preparedness is needed to drive resilient



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#### Foundational Intelligence Program Four Types of Intelligence



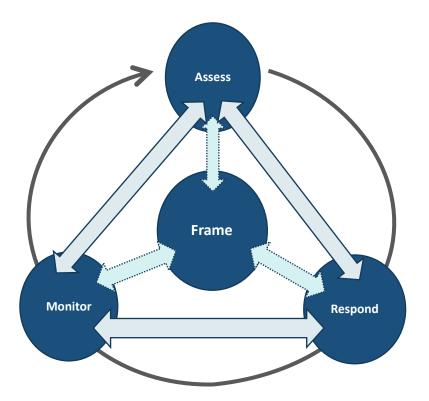


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## Foundational Risk Program

Many well-established industry standards and frameworks

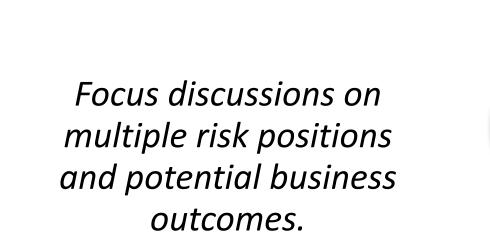
Challenge: Create a streamlined, adaptable, business-aligned risk management program within a rapidly changing world while **proactively** maximizing business opportunity.

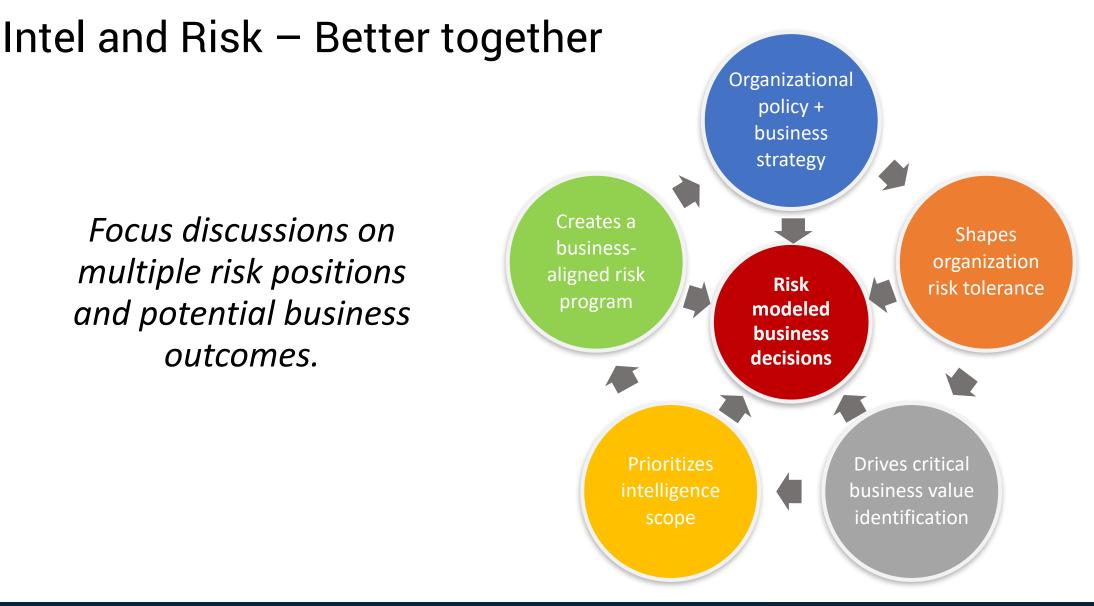


Adapted from NIST SP 800-39, Managing Information Security Risk: Organization, Mission, and Information System View



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## Technical risk <u>without</u> targeted intel or business focus

We need to patch our servers, there is a critical vulnerability. High likely could disrupt business operations.

# Threat Weakness Impact Likelihood Score

#### Business risk with targeted intel

We have seen threat activity targeting business critical operations in the EMEA region. There are several known ways this motivated threat actor could successfully achieve their goal of taking down regional business operations and stealing critical customer intellectual property. This risk could result in potential loss of strategic customers equating to 4% sustained annual earnings impact.



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### Any Questions





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