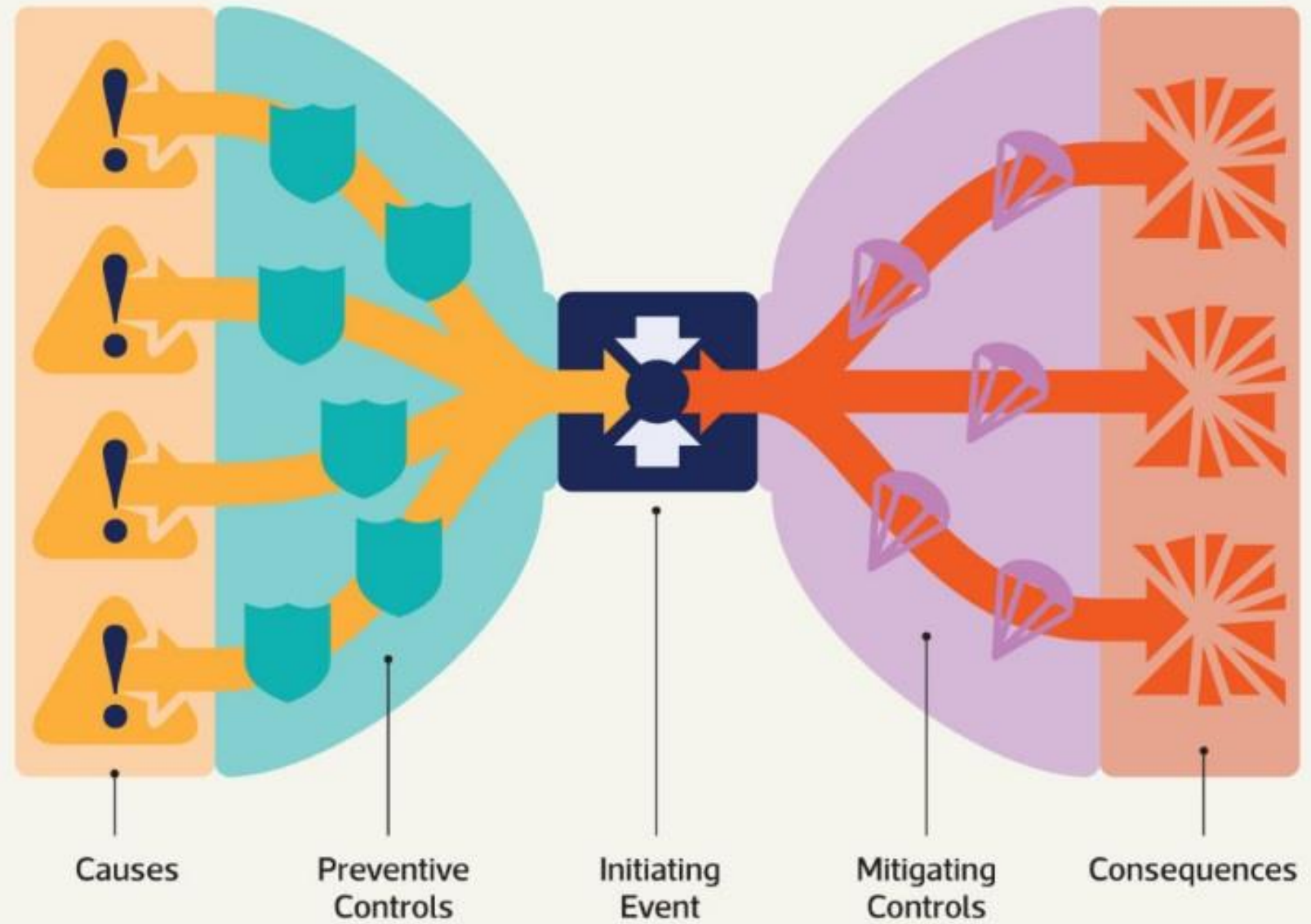


# *Bow-Tie Risk Analysis*

Figure 2. Bow-tie analysis.

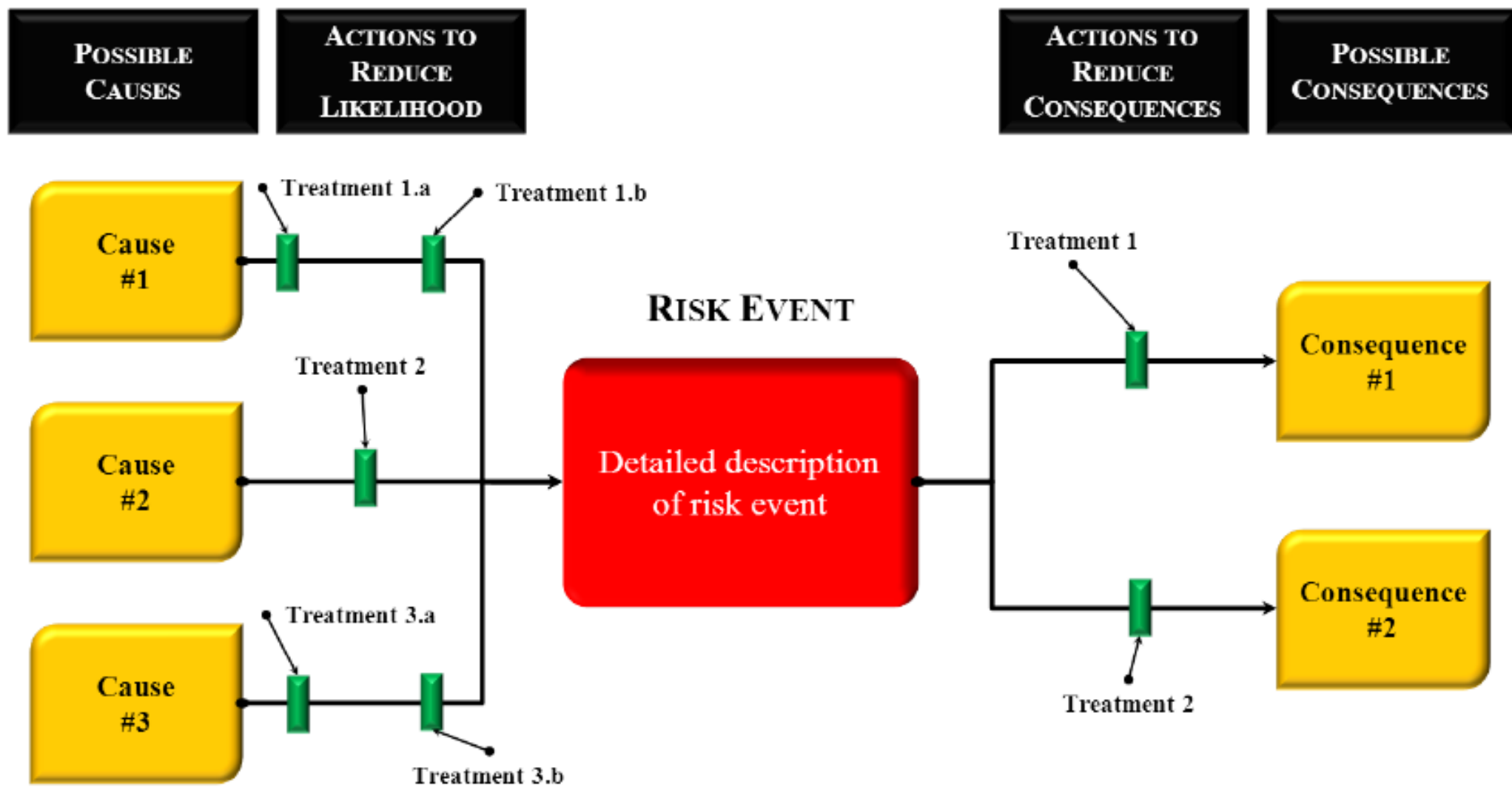




# BOWTIE DIAGRAM



# BOW-TIE RISK ANALYSIS METHOD



# Bow-Tie Risk Treatment Tool

**1. Risk**

**2. Causes**

|     |
|-----|
| 1.  |
| 2.  |
| 3.  |
| 4.  |
| 5.  |
| 6.  |
| 7.  |
| 8.  |
| 9.  |
| 10. |

**3. Impacts**

|     |
|-----|
| 1.  |
| 2.  |
| 3.  |
| 4.  |
| 5.  |
| 6.  |
| 7.  |
| 8.  |
| 9.  |
| 10. |

**4. Likelihood Controls Pre-event**

| Existing Likelihood affecting controls | Control Owner |
|--|---------------|
| 1.                                     |               |
| 2.                                     |               |
| 3.                                     |               |
| 4.                                     |               |
| 5.                                     |               |
| 6.                                     |               |

| Tasks (future controls) | Task Owner | Due Date |
|-------------------------|------------|----------|
| 1.                      |            |          |
| 2.                      |            |          |
| 3.                      |            |          |

**5. Consequence Controls Post event**

| Existing Consequence affecting Controls | Control Owner |
|---|---------------|
| 1.                                      |               |
| 2.                                      |               |
| 3.                                      |               |
| 4.                                      |               |
| 5.                                      |               |
| 6.                                      |               |

| Tasks (future controls) | Task Owner | Due Date |
|-------------------------|------------|----------|
| 1.                      |            |          |
| 2.                      |            |          |
| 3.                      |            |          |

**6. Risk Control Effectiveness**

|  |
|--|
|  |
|--|

**7. Consequence factor**

|  |
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|  |
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**8. Likelihood factor**

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**9. RISK RATING**

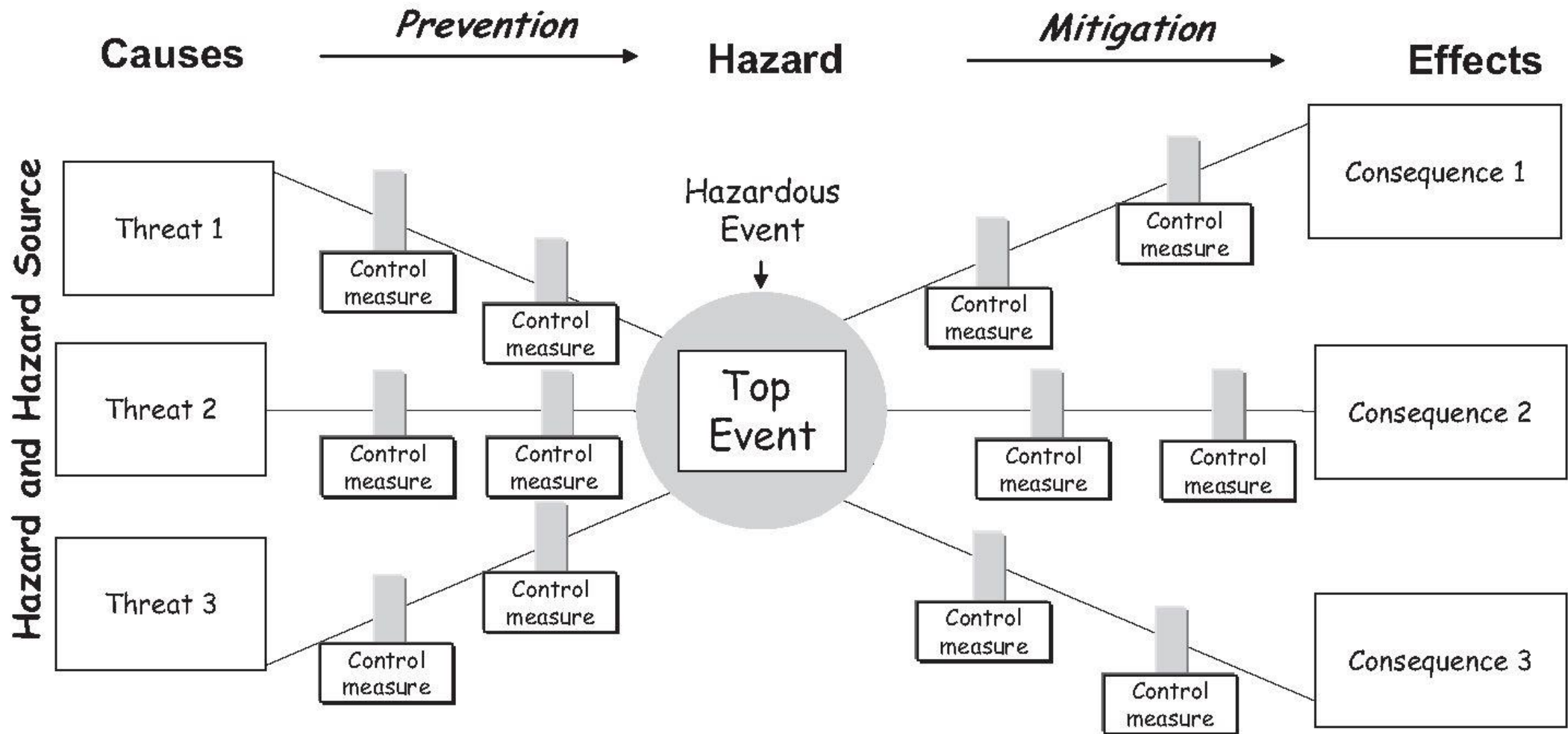
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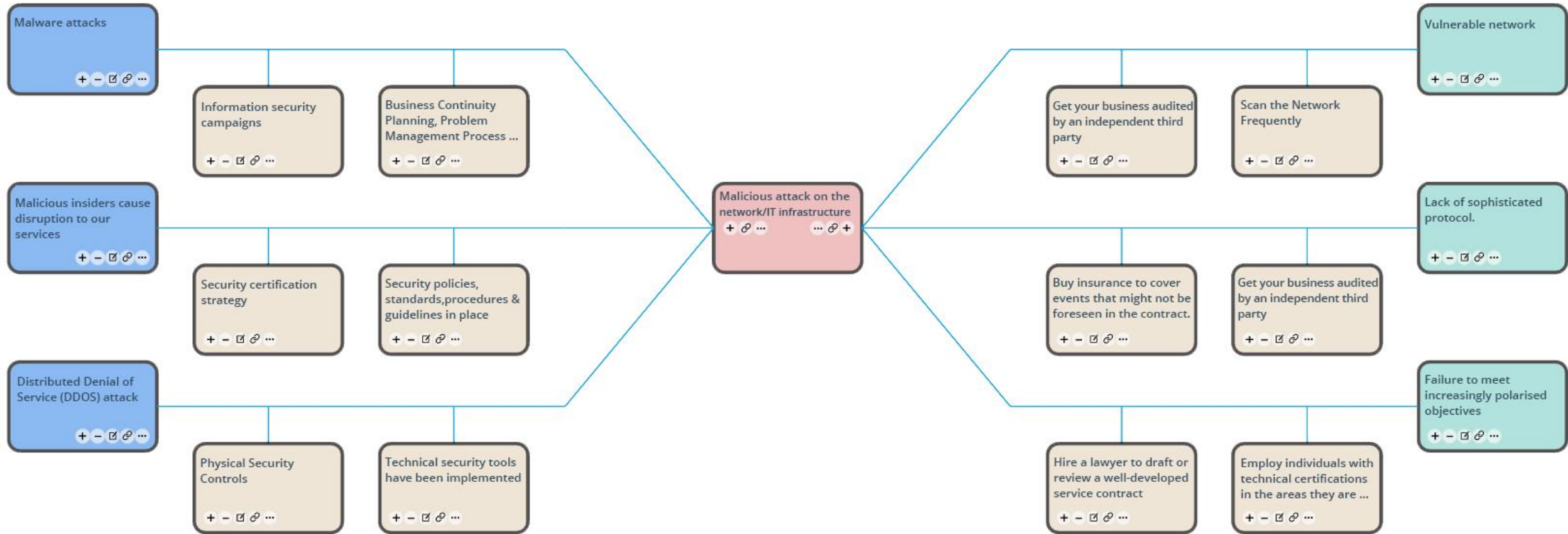
**10. Potential exposure**

|  |
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**11. Risk Owner**

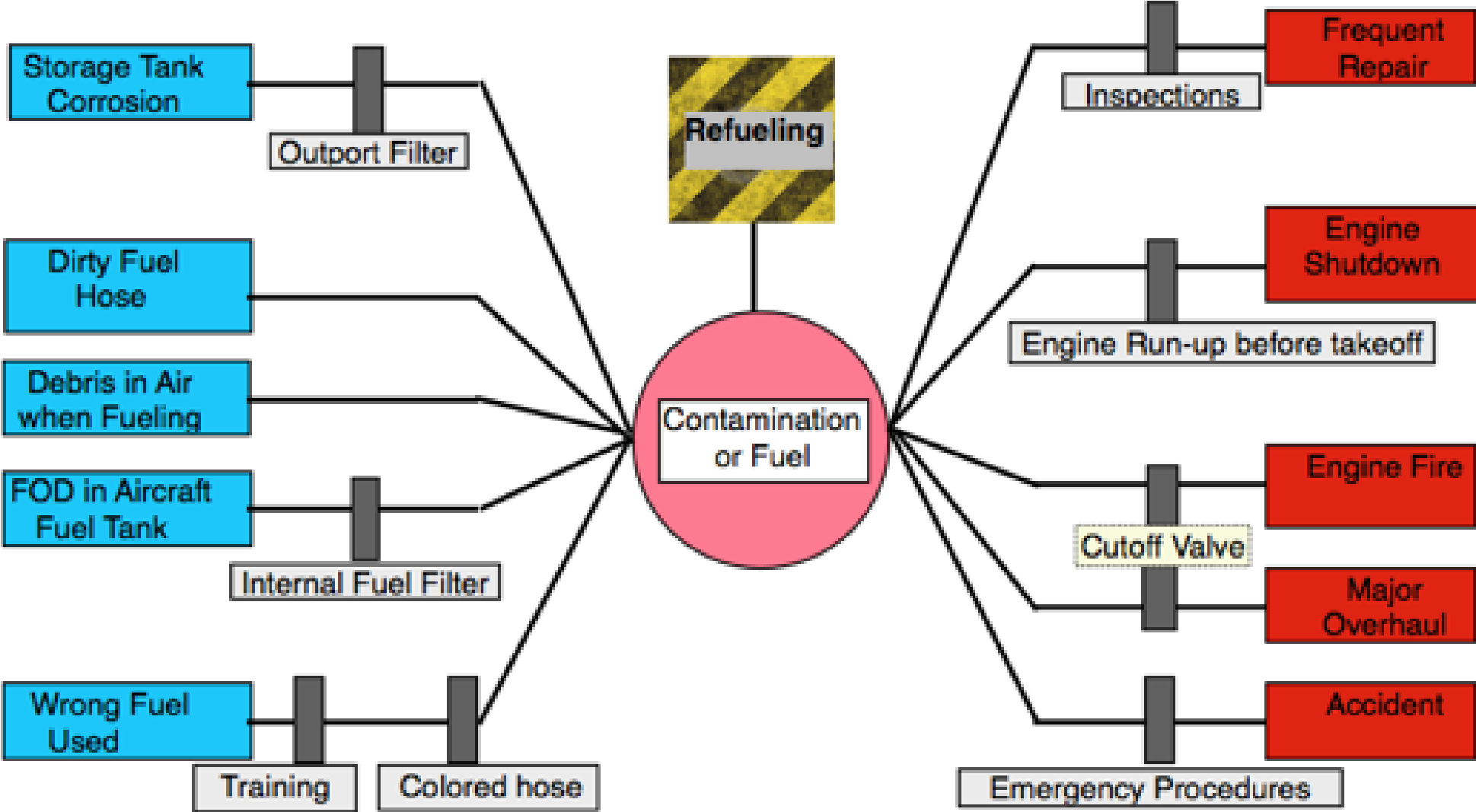
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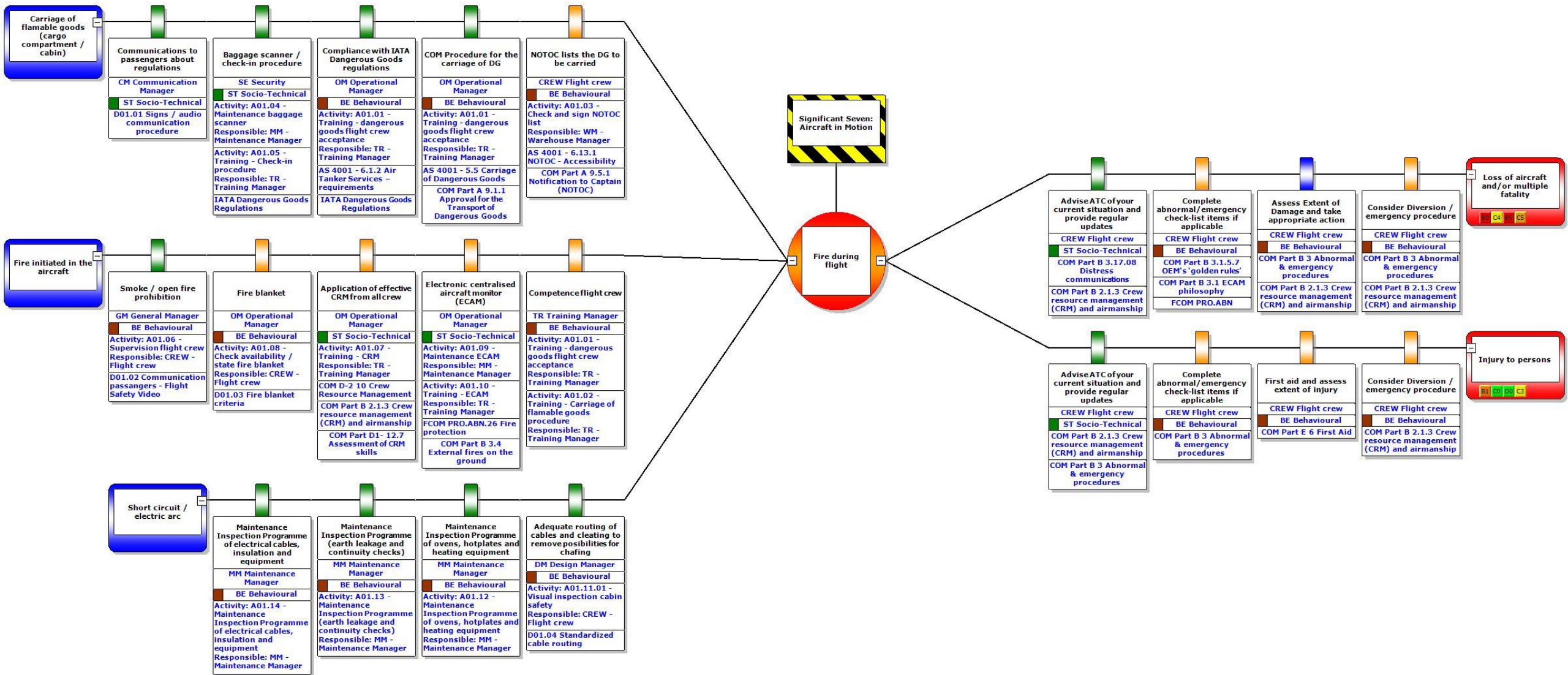


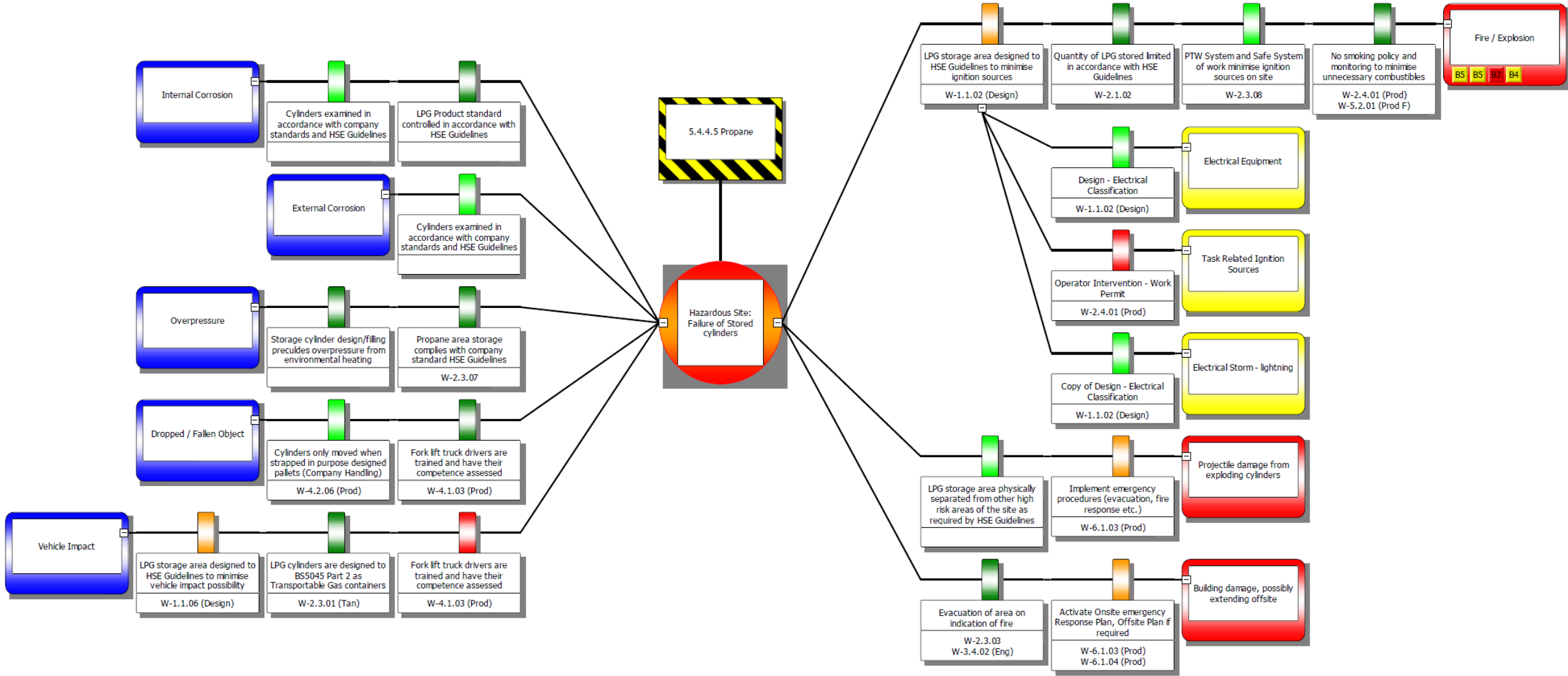
**CAUSES/THREATS**

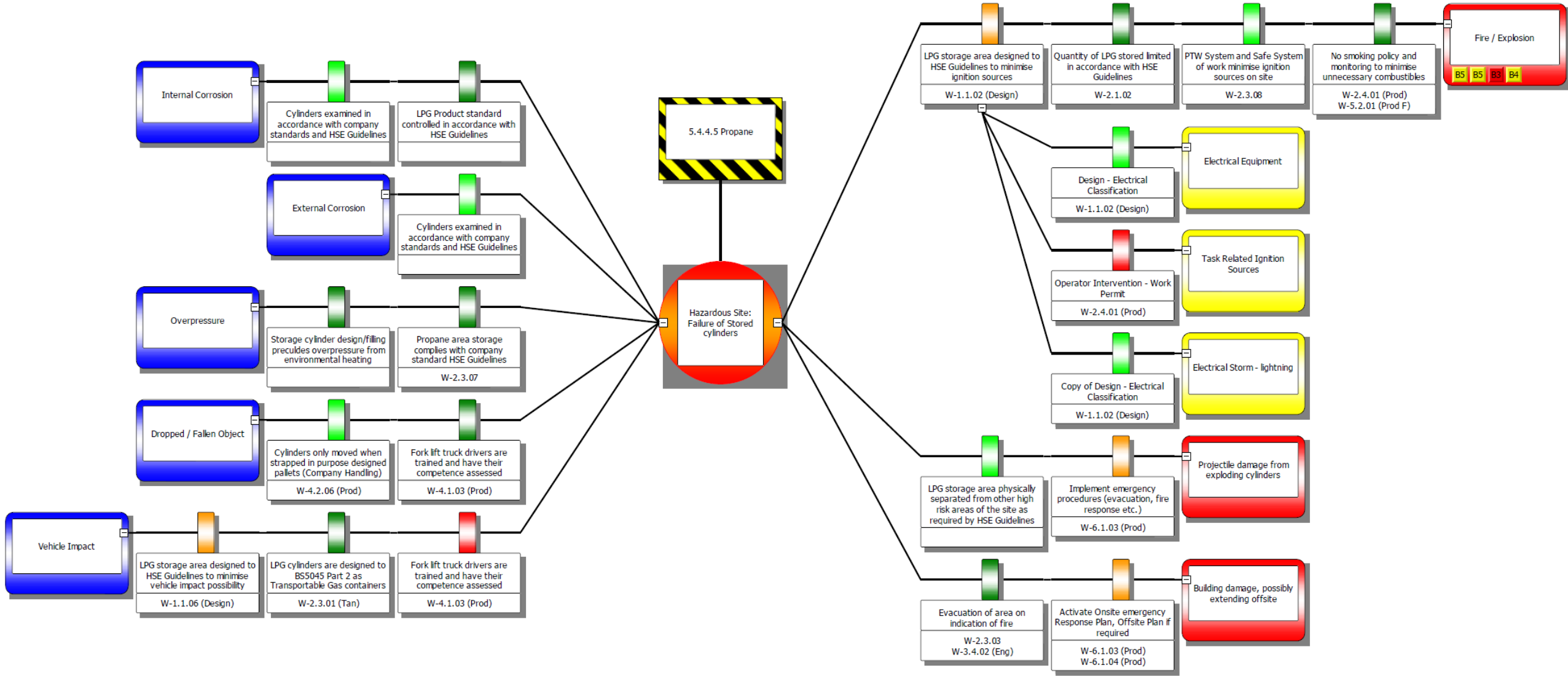
**CONSEQUENCES**

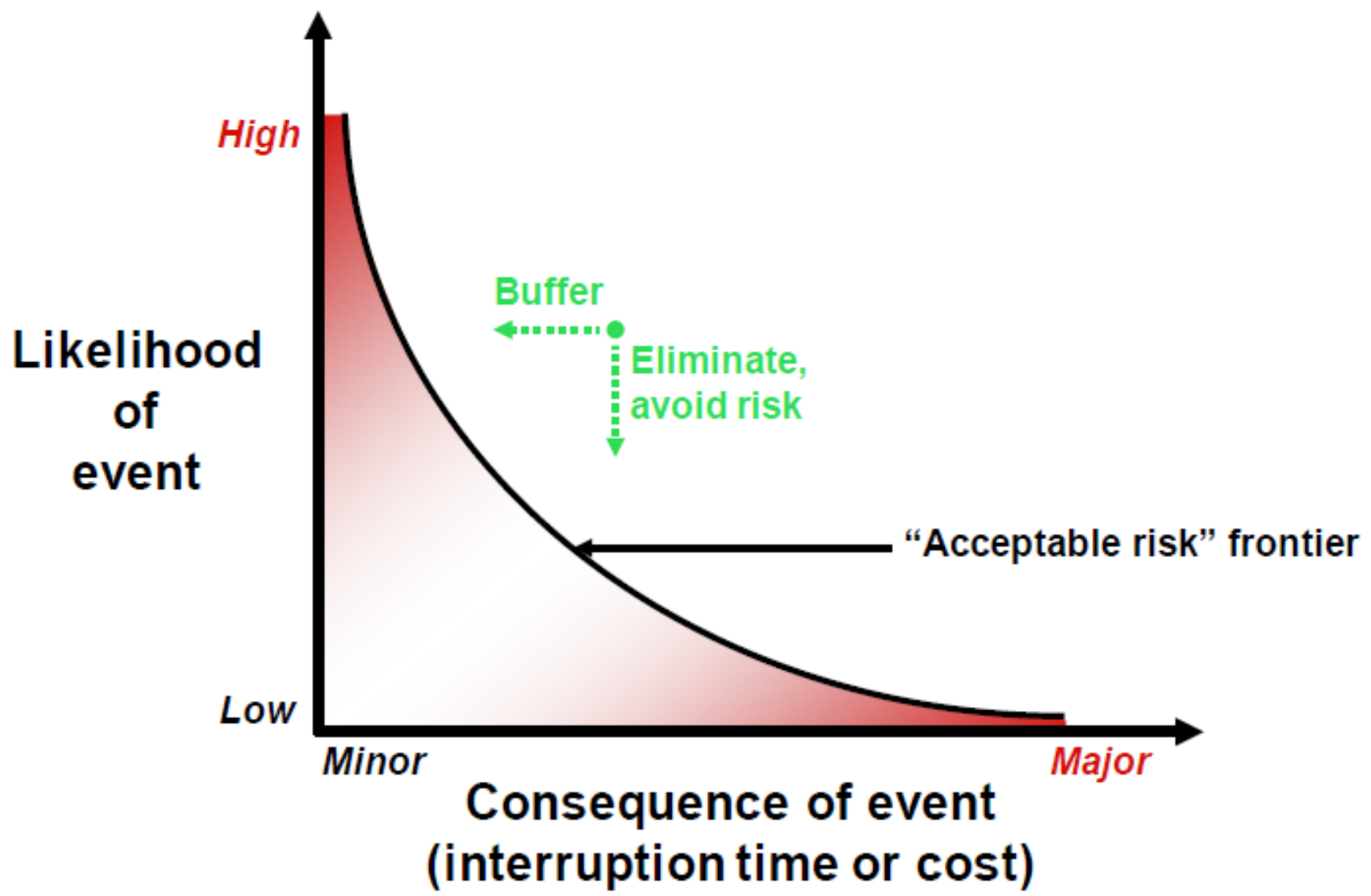












Your company imports electronic control units for its premier range of domestic refrigeration appliances from Kobe in Japan. The price offered by JECKobe is very competitive, and the low weight of each unit allows for air freight. The control unit is the second most expensive item in the refrigerator. The retail price of the refrigerator is sensitive to market share. Your company's stock policy is to minimise where possible.

The CEO has asked your group to undertake a risk assessment – identify threat management options and mitigating measures. You should remember that price is important.



