Automation Activities that support C2 Agility to Mitigate Type 7 Risks

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Type 7 risks are low probability and high impact

- 1,000 year flood
- Large meteorite hits Earth
- Terrorists fly airplanes into buildings
- CEO dies of heart attack on business trip
- Space ship runs into space junk

What are the probabilities for these events in a 45-year career time frame?
Event that causes organization failure

Organization health are affected by multiple internal and external events.
Organization Representation

Organization is composed of explicit and implicit individuals and machines.
An Organization Representation Entity Activity Diagram (EAD)

A simple C2 organization representation that information system understands
State-Space Diagram
Common Agility Space (CAS)

A simple C2 organization representation that information system understands.
## Organization Representations and Battle Domains

Automation systems are able to represent organization at various battle domains

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Organization Representations and Battle Domains

Automation systems can assist human to manage C2 organization

Is the organization is a desirable state? Suggested actions for improvement

Which entity can emit effective actions?