



11TH ICCRTS

NCW Risk Assessment Policy

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Outline

- Motivation
 - NCW In Australia
 - Compliance Aims

- Background
 - Capability Life Cycle

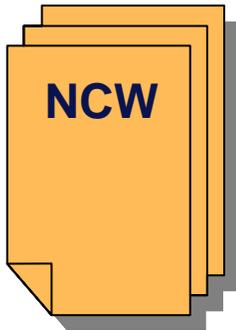
- Research Approach

- Results
 - Problems in the Capability Life Cycle
 - Stakeholders in the Capability Life Cycle
 - Compliance and the Capability Life Cycle

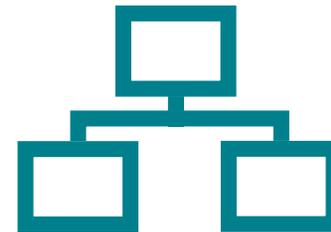
NCW in Australia



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- NCW Concept, 2004
 - NCW Roadmap, 2004, 2005
 - NCW Integration Plan, 2006
 - NCW Guides, 2006
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- NCW Implementation Team
 - Implementation Strategy
 - Establish Network
 - Human Dimension
 - Accelerate Change
 - NCW Program Office
 - Compliance



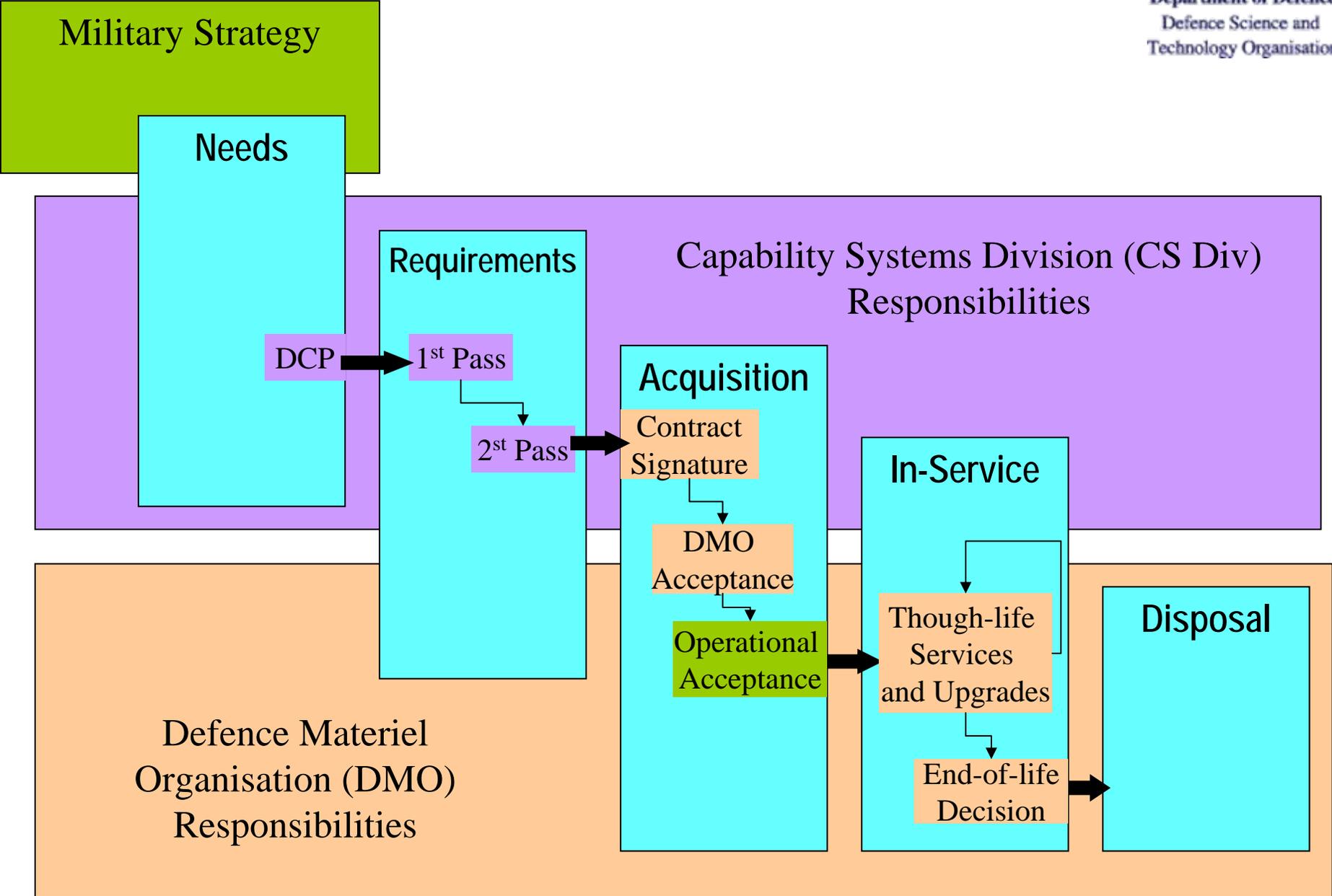
Aim of NCW Compliance



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To facilitate communication and information sharing between the projects for optimising cross-project integration from needs conception throughout the whole capability lifecycle to assist in developing and maintaining a fully networked force.

Capability Life Cycle





Research Approach

- Unstructured Interviews
 - ⇒ Problem Identification

- Systems thinking
 - Combined MIT-90 model with Fundamental Inputs to Capability and NCW Capability Inputs
 - Systems Intervention
 - Critical System Heuristics
 - Boundary Critique
 - ⇒ Identification of Roles and Responsibilities



Research Approach continued

- Analysis of Capability Life Cycle
⇒ NCW Decision Gates

- NCW Compliance Assessment Areas (theory paper)
 - Analysis of information availability
⇒ Assignment of Assessment Areas to Gates



NCW Acquisition Problems

- NCW aspects of projects are difficult to justify.
- NCW aspects of projects often fail to combine to deliver an integrated NCW capability.
- NCW projects often fail to deliver a capability that can be used upon delivery due to the absence of:
 - Major and supporting systems which are delivered late, and
 - other *fundamental inputs to capability (FIC)* not being considered.



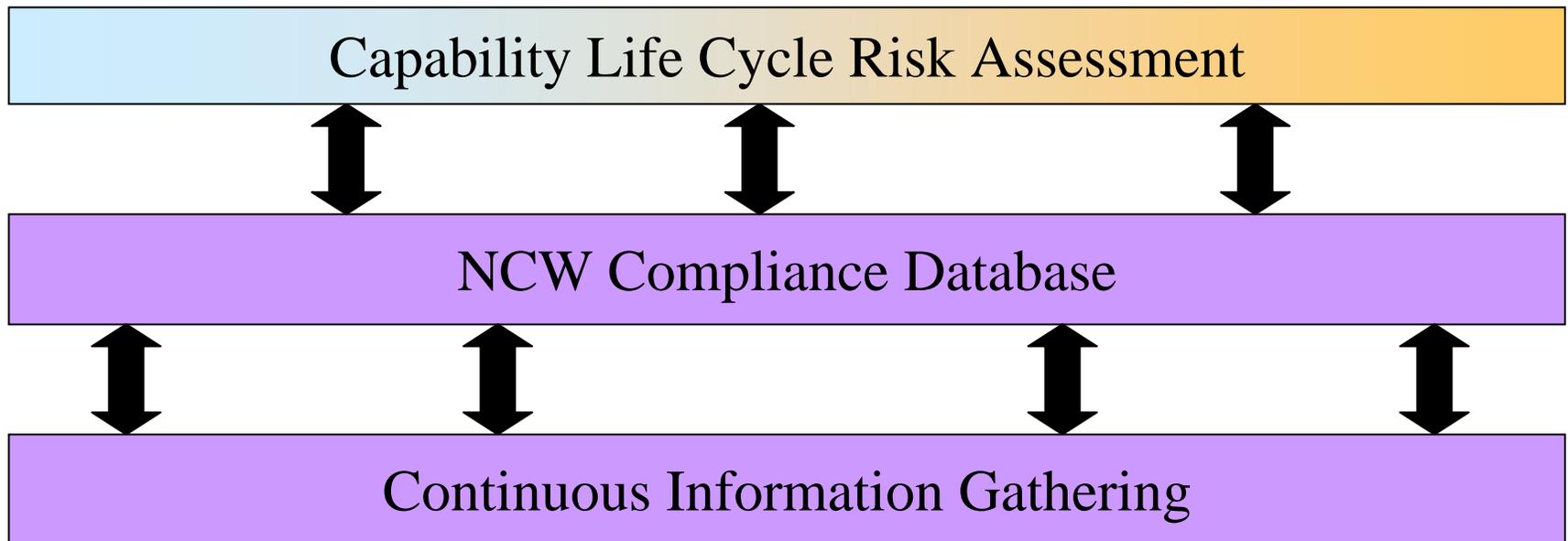
Fundamental Inputs to Capability (FIC)

- Personnel
- Organisation
- Collective Training
- Major Systems
- Supplies
- Facilities
- Support
- Command and Management

NCW Risk Mitigation



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Major Roles and Responsibilities

- Compliance Assessment
 - NCW Program Office
 - Defence Materiel Organisation

- Standards
 - Chief Information Officer Group

- Architecture Development
 - Force Level – Numerous
 - Project Level – Capability and Project Managers



NCW Risk Mitigation Assessment Points

Assessment should occur before:

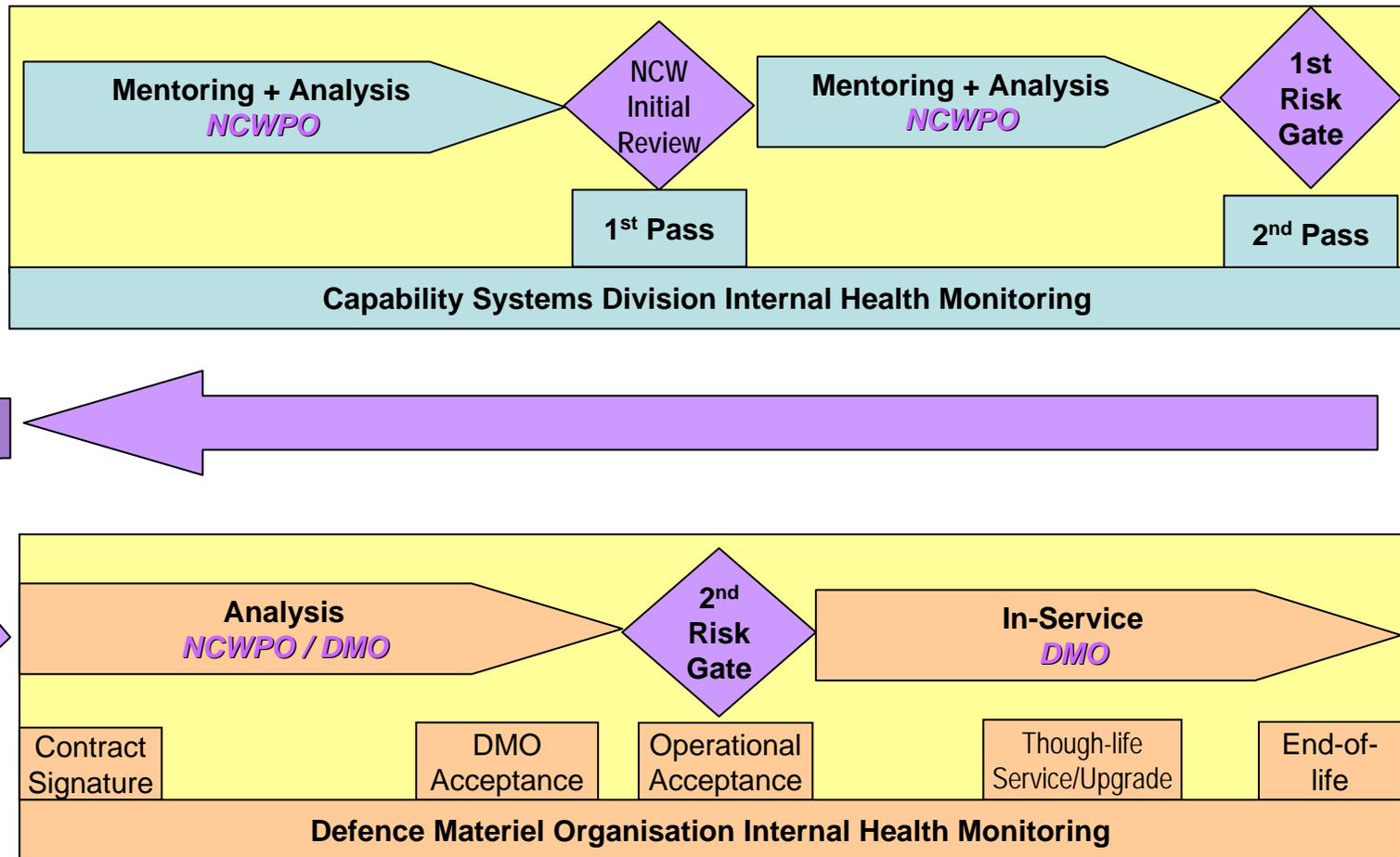
- a decision to expend significant resources on the investigation and refinement of capability options,
- a decision is made by Defence and Cabinet on the preferred solution for acquisition, and
- a decision is made to accept the capability for entry into service.

Taking this in account, the NCW Risk Mitigation process flow becomes.....

NCW Risk Mitigation Process Flow



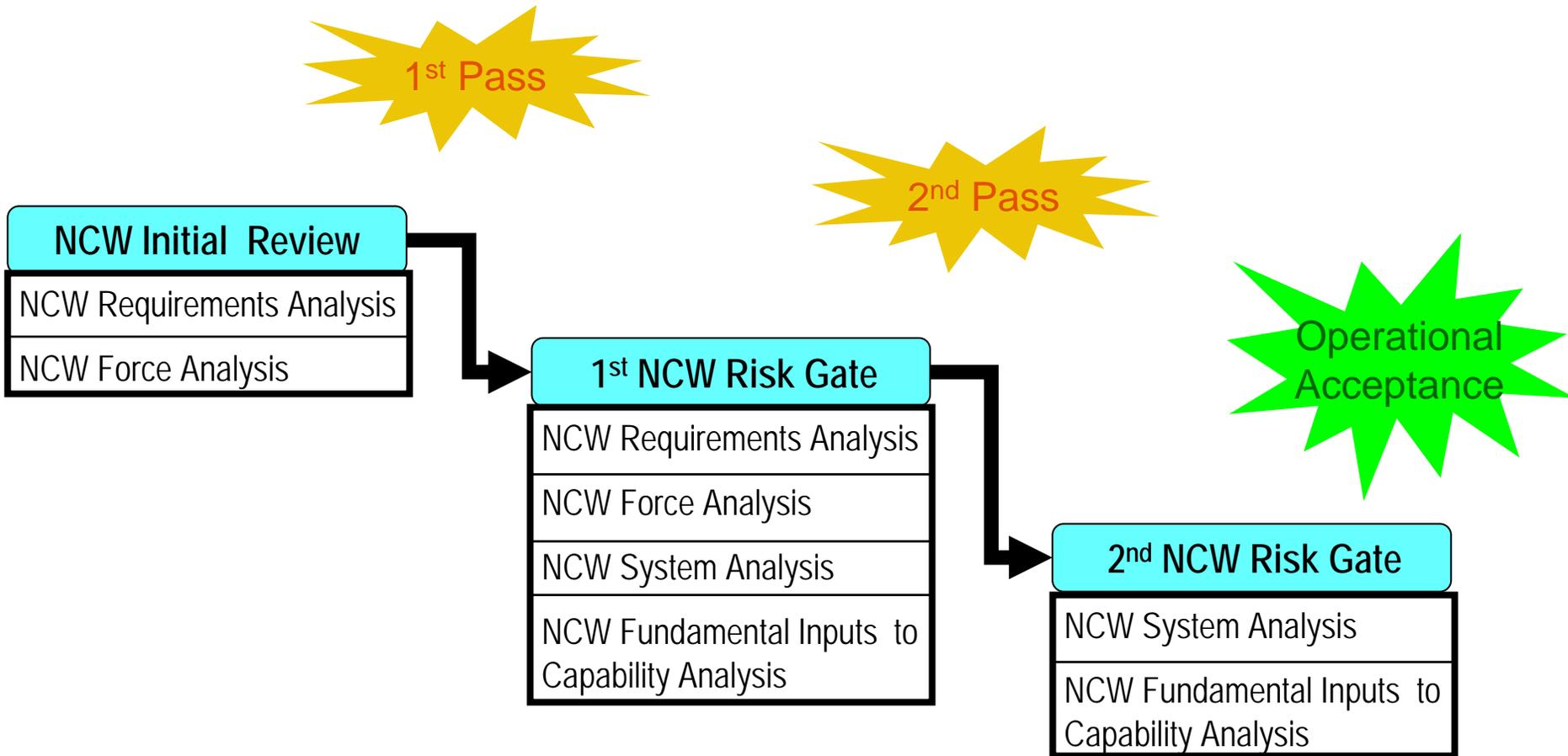
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NCW Risk Mitigation Assessment Areas



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Questions ?

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