

UNCLASSIFIED
(NON-CONTROLLED GOODS)

DEFENCE



Requirements specification

11ac: Mission Evaluation and Assessment, System Understanding, Requirements and Evaluation (MEASURE) ARP

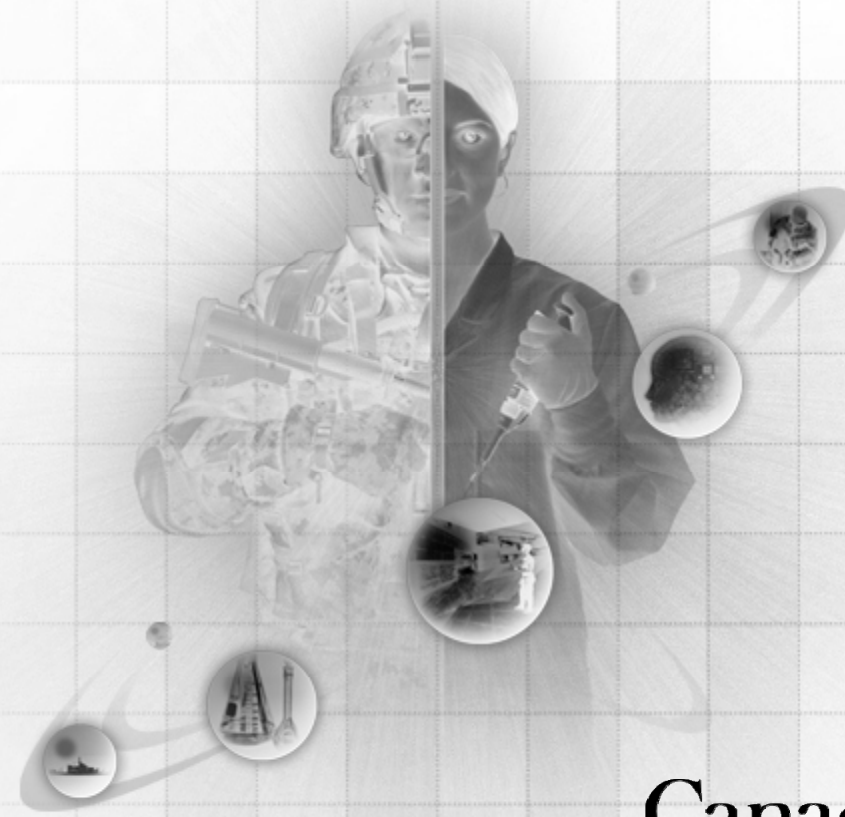
Richard Lestage

Alfred Jeffrey

Camille-Alain Rabbath

Eric Gagnon

Eric Dumais



Defence Research and
Development Canada

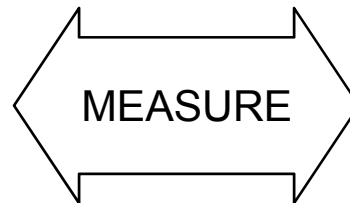
Recherche et développement
pour la défense Canada

Canada

Technical specifications vs Operational Requirements

• Technical Specifications:

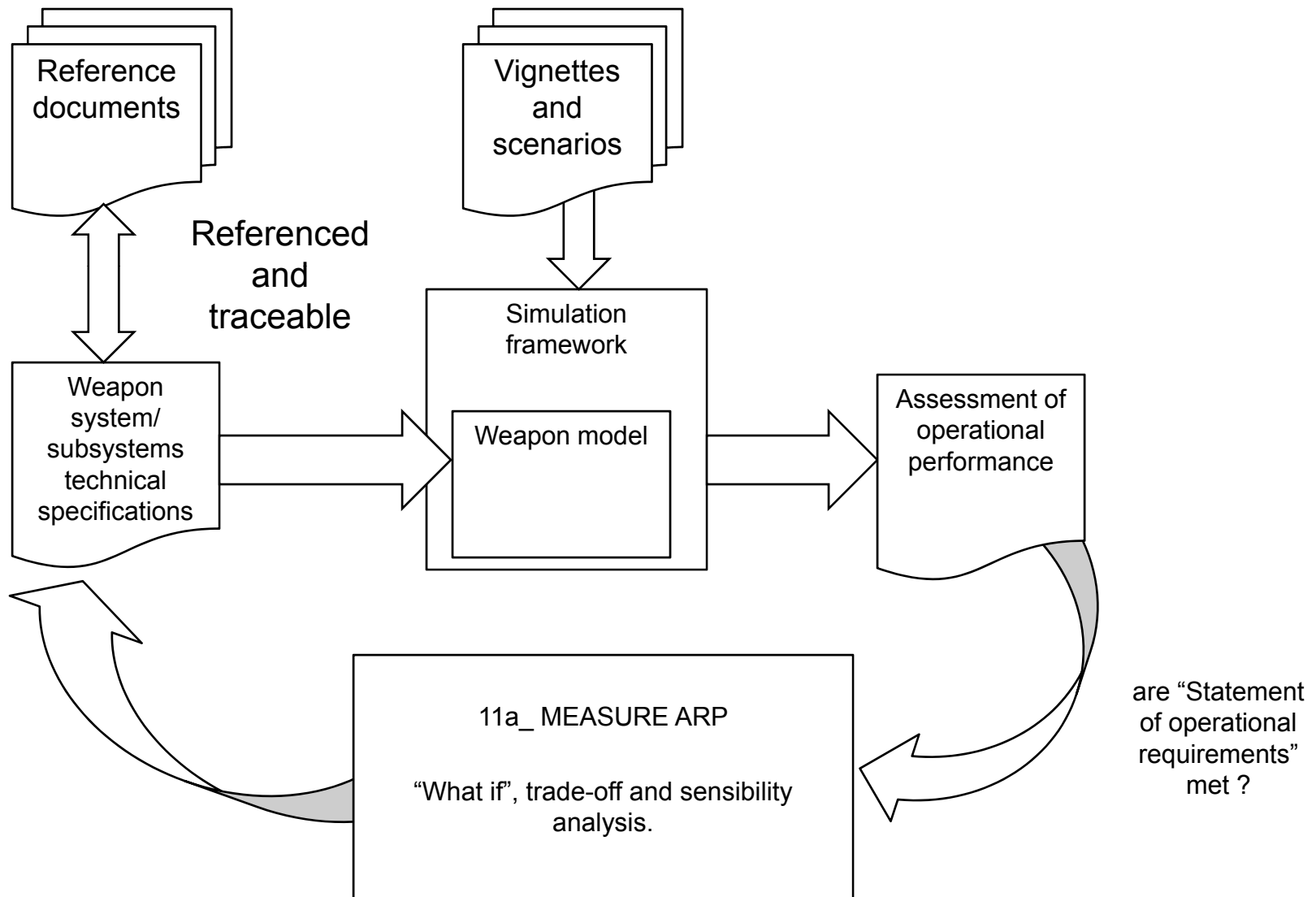
- Projectile mass, drag, muzzle velocity dispersion
- Warhead mass, composition, fragmentation characteristics.
- ...
- Observable and verifiable subsystem characteristics
 - Lab / subscale tests



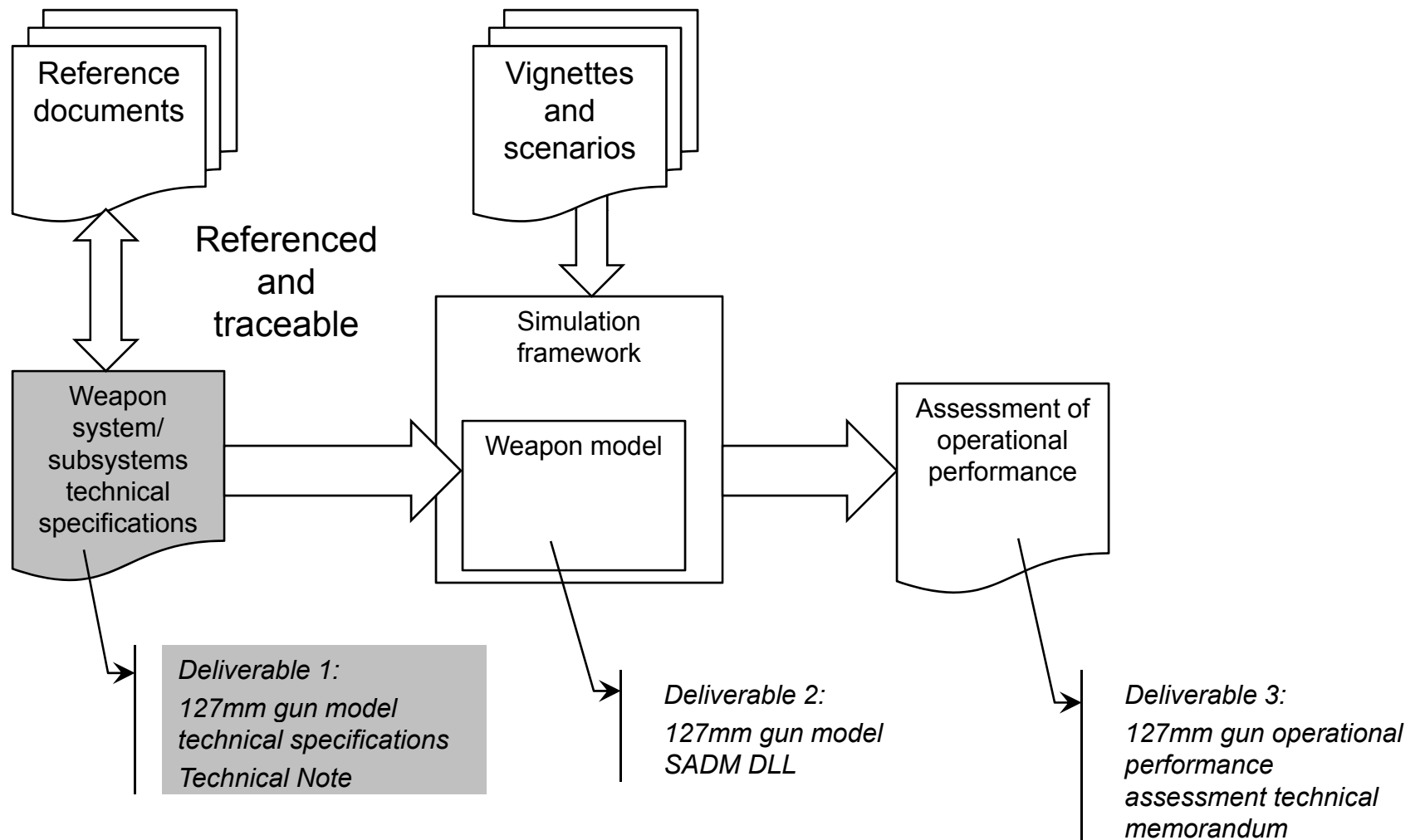
• Operation Requirements:

- Maximum range
- Probability of kill for specific targets
- ...
- Whole system performance requirements
 - Full scale acceptance tests or
 - **Analytical/simulation analysis**

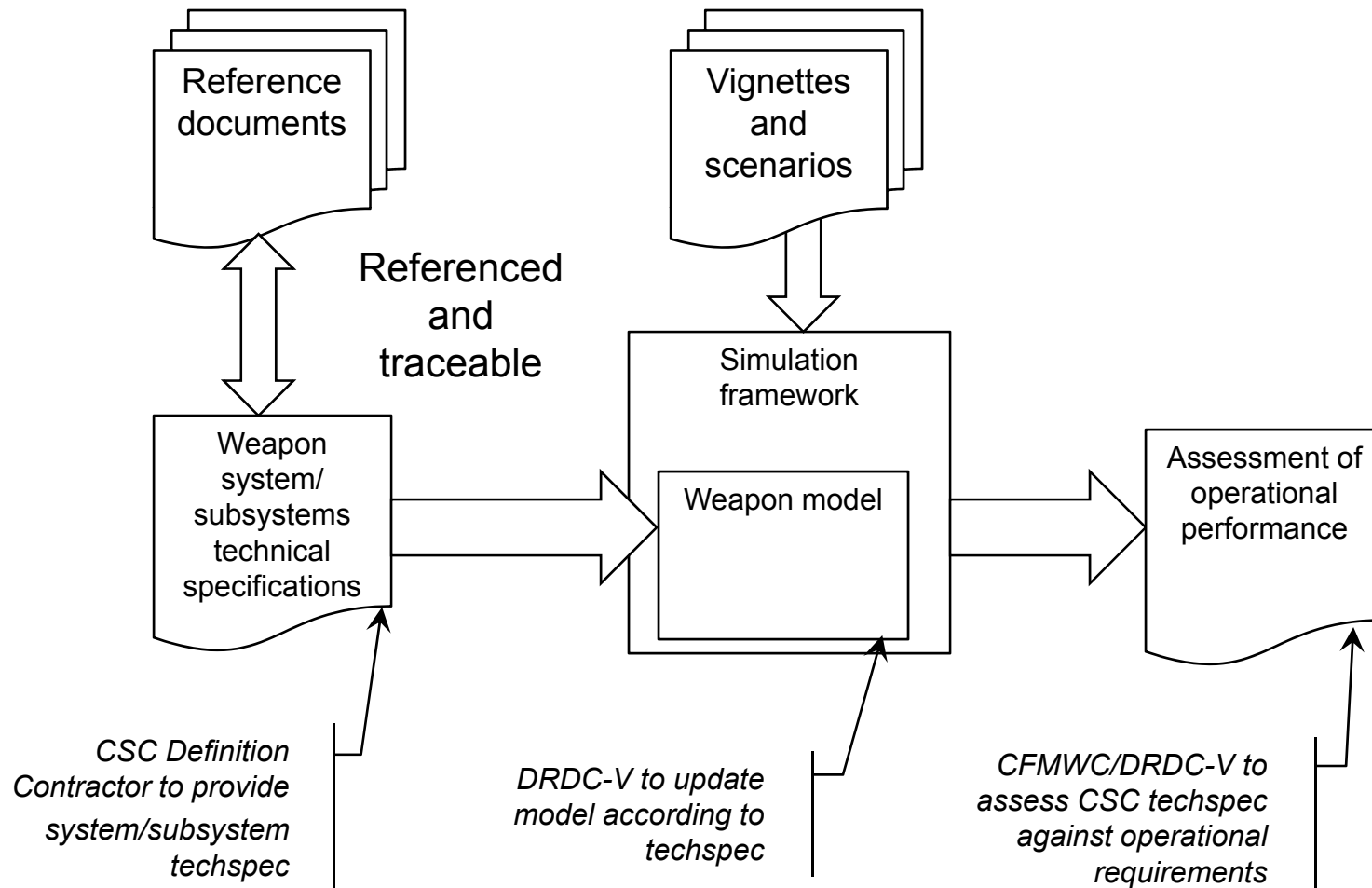
Generic approach



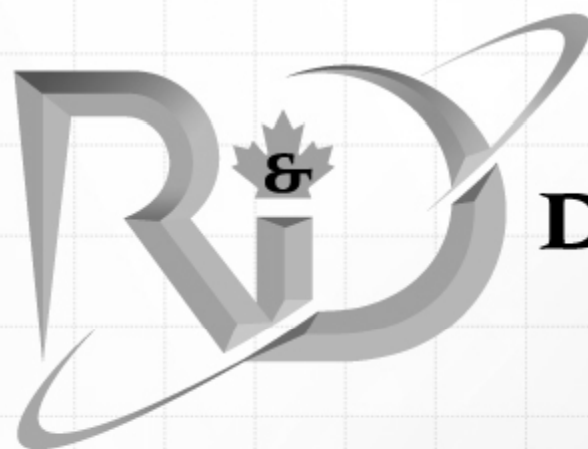
127 mm Gun System approach



Recommended way ahead for CSC Definition



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