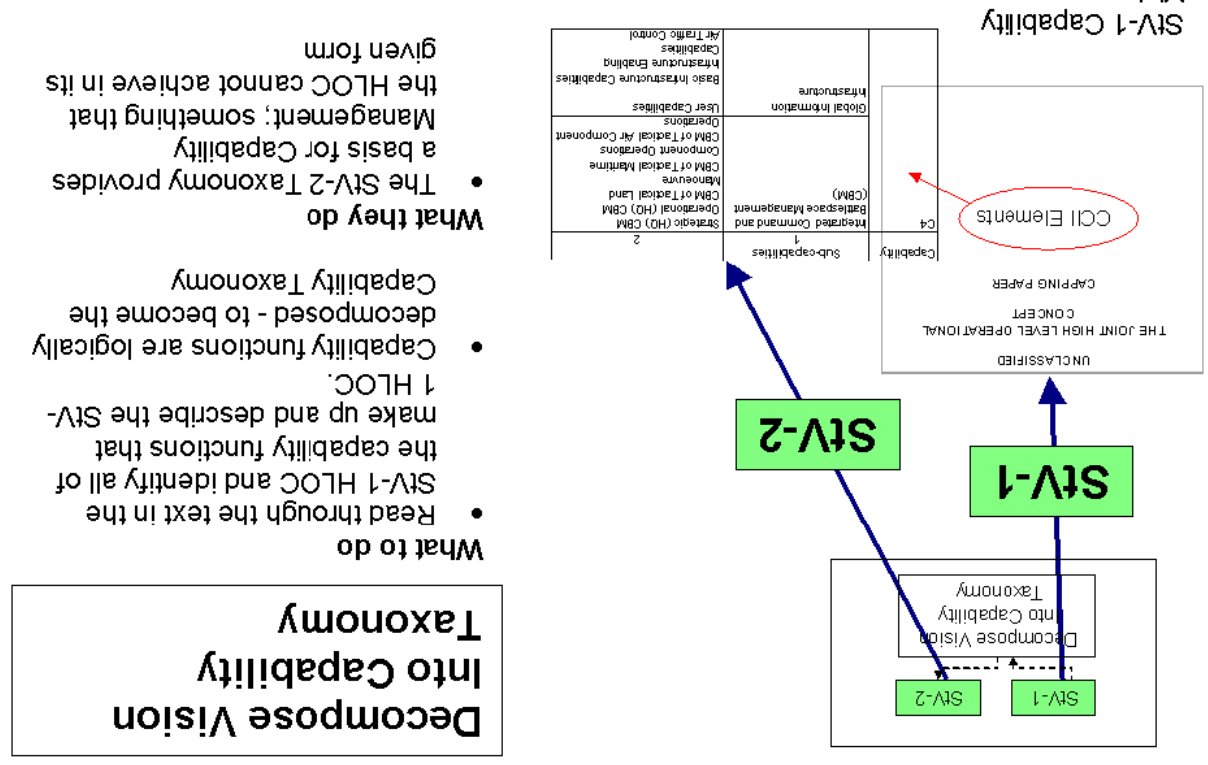
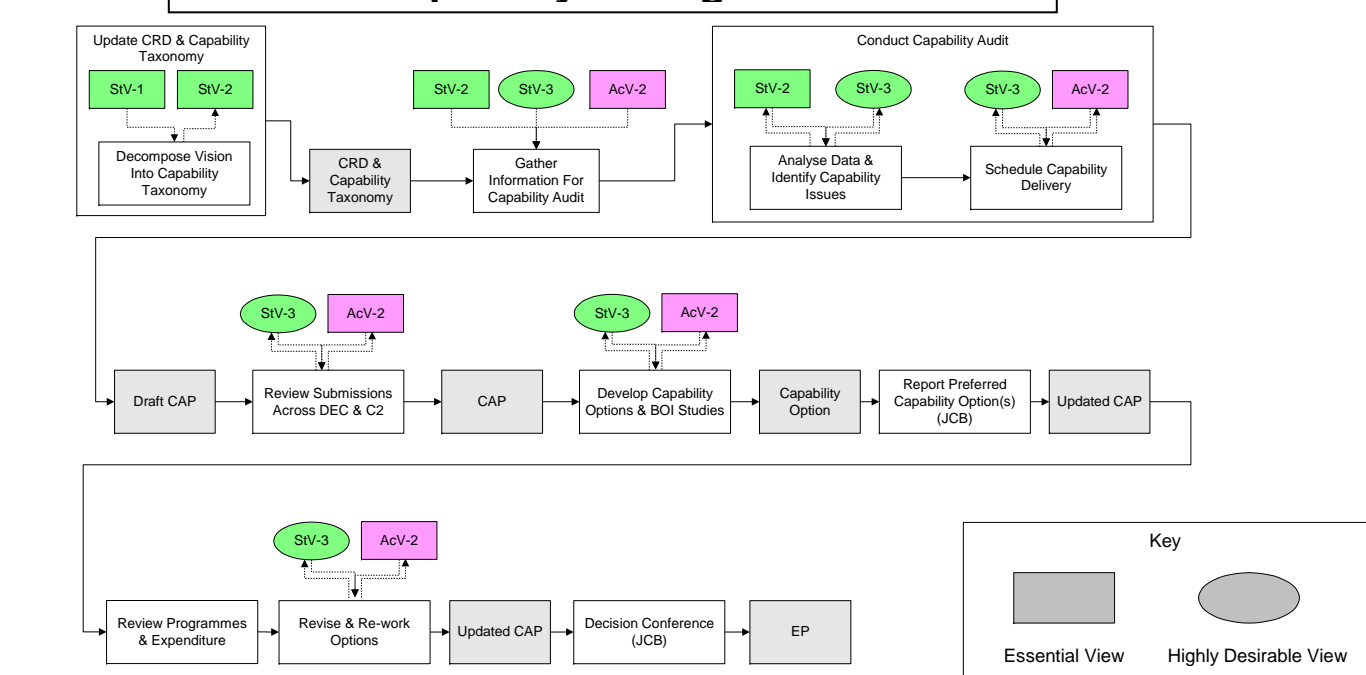


...defines HLOC; presented as a textual description
 Vision
 ...details current and future capability requirements; presented as a structured hierarchical list.



2

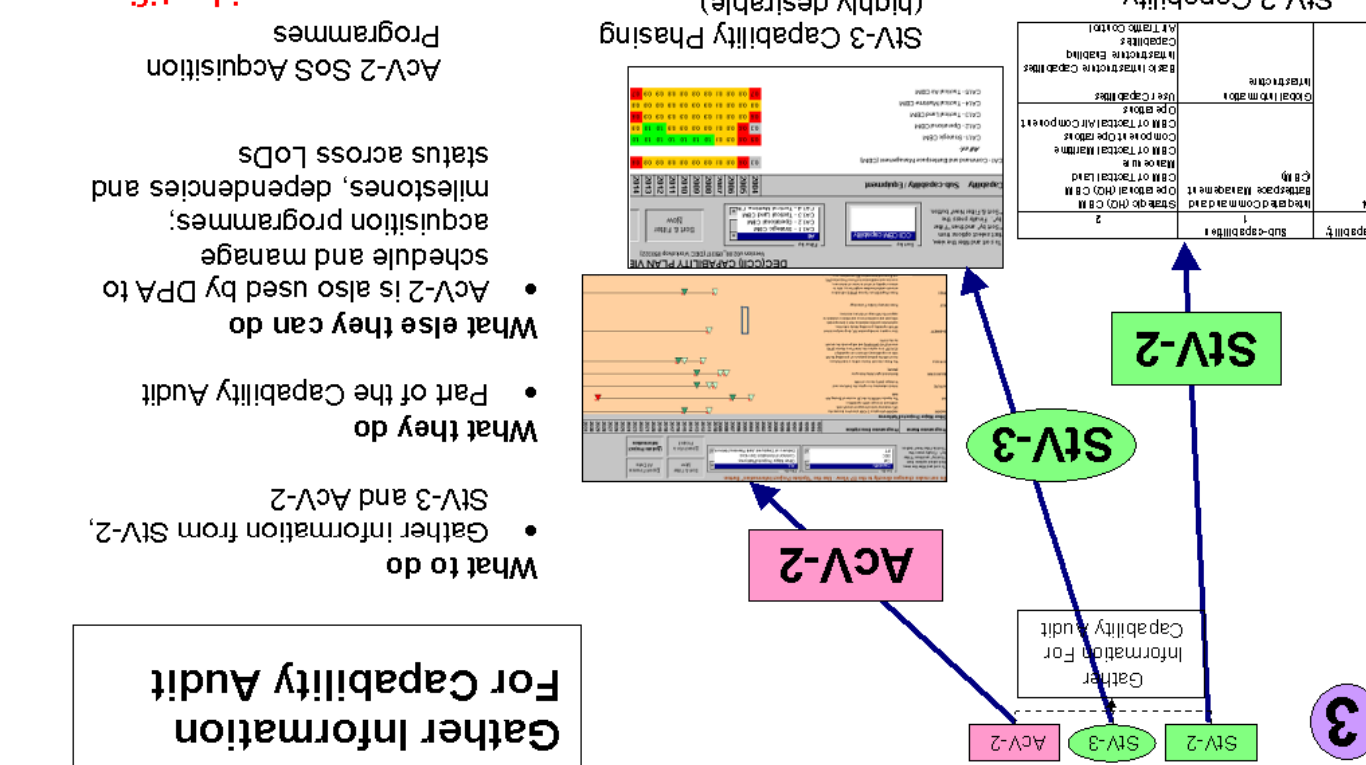
1 MODAF Reference Guide **Ref: M10-002**
Capability Management



The scope of the process

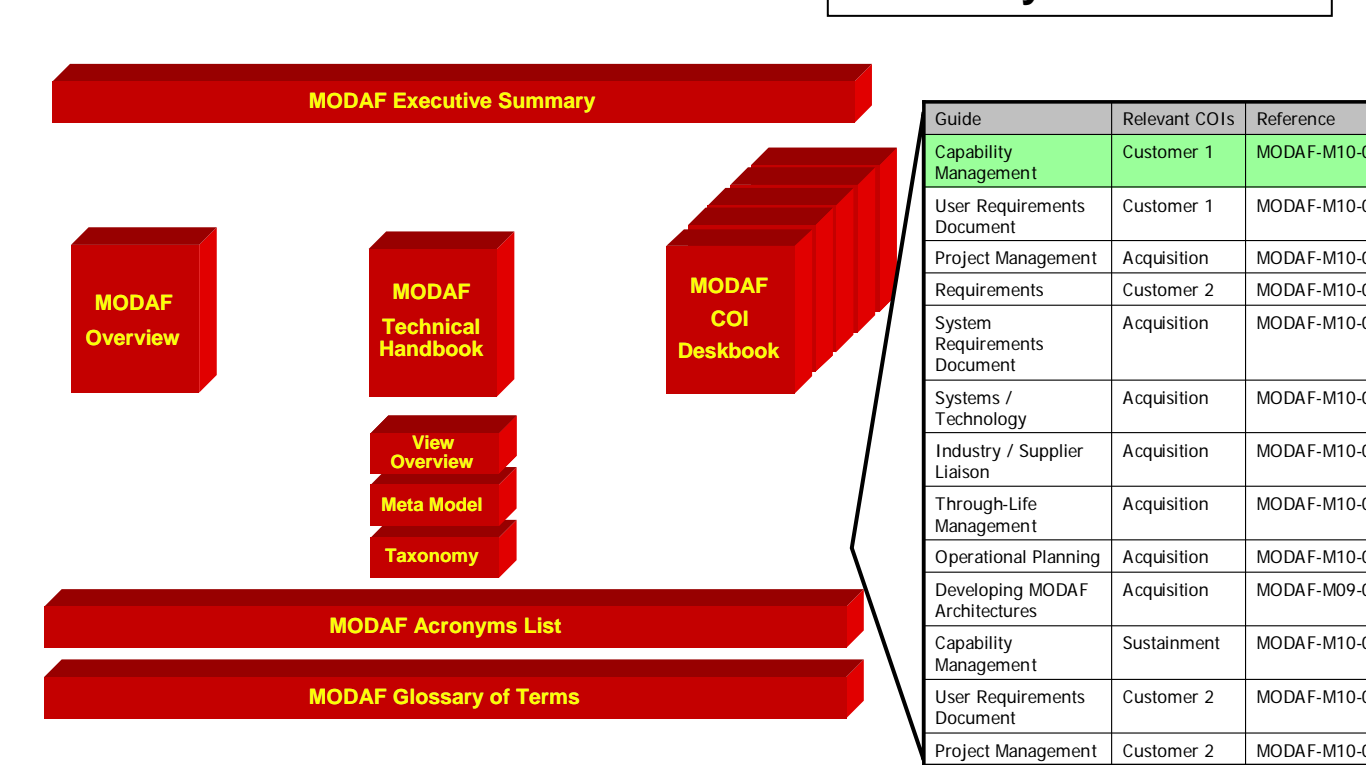
- Starting with the Capability Audit Process, the focus is on the production of a Capability Area Plan (CAP). This requires an up-to-date Capability Taxonomy to support a set of DEC Capability Audits, followed by a Cross-DEC review, whose output is a baseline CAP.
- The CAP feeds the Equipment Planning (EP) process, requiring the development of capability options to determine an affordable equipment programme; these are finalised into a baseline Equipment Plan, as the basis for procurement cluster specification and URD development.

...details current and future capability requirements as a structured hierarchical list.
 Taxonomy/ Functions
 ...identifies the level of capability present in an epoch against the structured list of capability requirements
 ...identifies acquisition programmes and milestones and dependencies



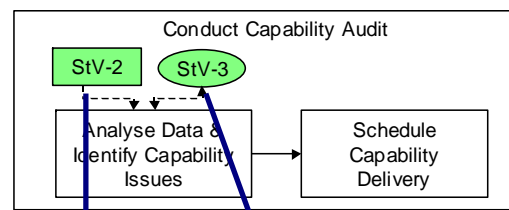
3

8 MODAF Document Hierarchy



This guide intends to provide the key information about the MOD Architectural Framework (MODAF) required for the development of a User Requirements Document (URD). More detailed information can be found in the MODAF ECC and Acquisition Deskbooks, by referencing www.modaf.com, or by contacting the DPA Integration Authority on ia8b@dpa.mod.uk

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Capability	Sub-capabilities	Capability Sub-capability / Equipment
C4	Integrated Command and Battlespace Management (CBM)	Strategic (HQ) CBM of Tactical Manoeuvre CBM of Tactical Component Operations CBM of Tactical Air Component Operations
	Global Information Infrastructure	User Capabilities Basic Infrastructure Capabilities Infrastructure Enabling Capabilities Air Traffic Control

StV-3 Capability Phasing (highly desirable)

Analyse & Identify Capability Issues

- What to do**
- Look for capability shortfalls and surpluses
 - StV-2 - look for irregularities in the logical decomposition
 - StV-3 – look for system withdrawals, or overlap

- What they do**
- Provide Views that enables analysis of capability

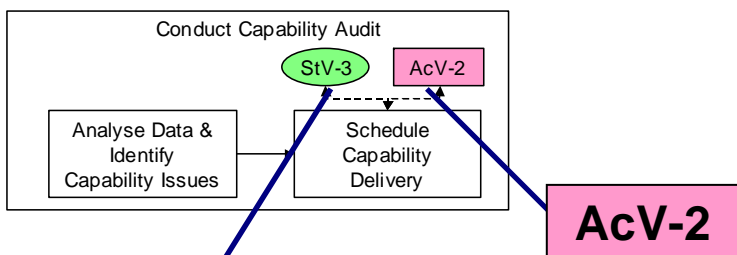
- What else they can do**
- StV-2 can be used to specify capability option scope
 - StV-3 is also used to schedule capability delivery

StV-2 Capability Taxonomy/ Functions

...surpluses, shortfalls are identified from observation of missing/ additional capability functions in the logical decomposition

...capability functions are mapped to systems over time; details delivery of new, or withdrawal of old systems; surpluses/ shortfalls are indicated by colour scheme.

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StV-3 Capability Phasing (highly desirable)

AcV-2 SoS Acquisition Programmes

Schedule Capability Delivery

- What to do**
- Schedule capability into StV-3 as additional system delivery or decommission
 - Determine and align programme milestones and dependencies in AcV-2

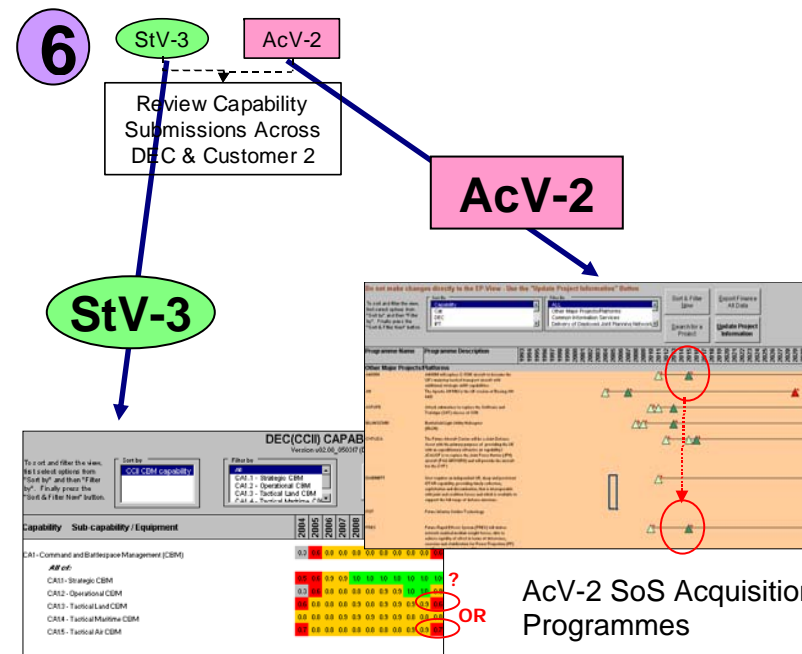
- What they do**
- Show Capability Delivery Schedule

- What else they can do**
- AcV-2 is used by DPA to specify and manage programmes

...specifies when planned capability is to be delivered; identified by annotating the relevant capability functions, systems and epochs

...specifies acquisition project/programmes milestones, and interdependencies required to deliver the capability; identified by annotating relevant programmes

6



StV-3 Capability Phasing (highly desirable)

AcV-2 SoS Acquisition Programmes

...informs the capability strategy by facilitating the assessment of which capabilities to address over epochs

...highlights delivery constraints as dependencies and milestones of other acquisition programmes

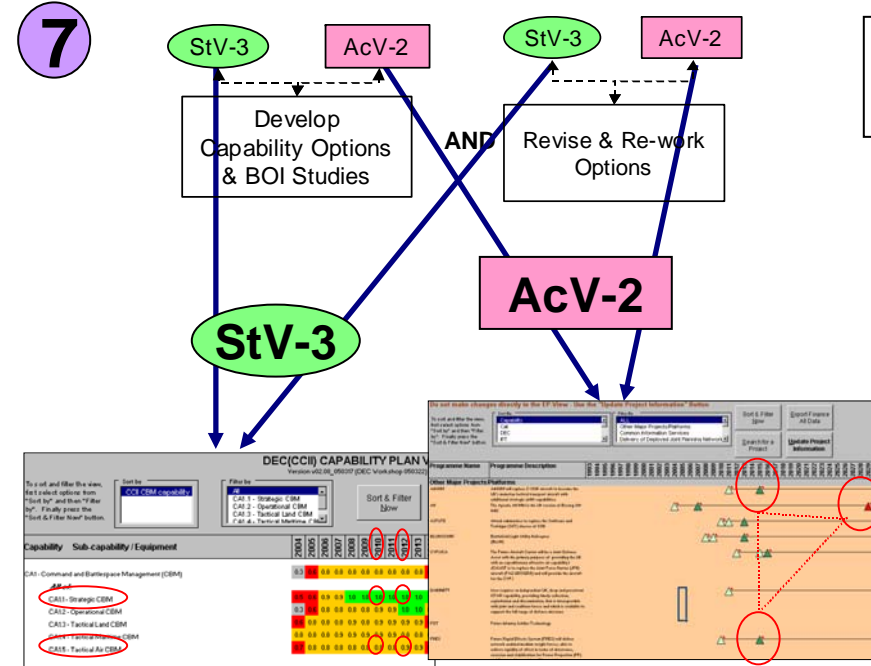
Review Capability Submissions Cross-DEC & Customer 2

- What to do**
- Identify relevant constraints
 - StV-3 – supports a process of challenging the delivery strategy
 - AcV-2 – highlights physical milestone and dependency constraints

- What they do**
- Identify constraints that inform delivery strategy

- What else they can do**
- AcV-2 is also used by DPA to schedule and manage acquisition programmes

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StV-3 Capability Phasing (highly desirable)

AcV-2 SoS Acquisition Programmes

...identifies a capability option; highlighted in three dimensions – a set of capability functions, capability levels and epochs

...identifies a capability option; highlights options within a set of acquisition projects/programmes, their milestones and dependencies

Develop Capability Options

- What to do**
- Identify capability options from StV-3 and AcV-2

- What they do**
- Show the whole capability picture; within which a capability option can be identified

- What else they can do**
- AcV-2 and StV-3 can also used to schedule capability delivery