

# PV-3 Project to Capability Mapping

## Description

The PV-3 supports the acquisition and deployment processes, including the management of dependencies between projects and the integration of all relevant project and program elements to achieve a capability.

The PV-3 maps programs, projects, portfolios, or initiatives to capabilities to show how the specific elements help to achieve a capability. Programs, projects, portfolios, or initiatives are mapped to the capability for a particular timeframe. Programs, projects, portfolios, or initiatives may contribute to multiple capabilities and may mature across time. The analysis can be used to identify capability redundancies and shortfalls, highlight phasing issues, expose organizational or system interoperability problems, and support program decisions, such as when to phase out a legacy system.

The intended usage of the PV-3 includes:

- Tracing capability requirements to projects.
- Capability audit.

## Implementation

PV-3 can be represented using a PV-3 diagram which is a non-editable Dependency Matrix. Capabilities are used as row elements and Actual Projects are used as column elements.

Criteria

Select Row Scope: CV-2

...

Select Column Scope: PV-1,PV-2

...

	Emergency Response Enhancement [Project Viewpoint::PV-2]	Flood Response [Project Viewpoint::PV-2]	new : Project Properties, [Project Viewpoint::PV-1]	SAR-H : MoD/DfT programme [Project Viewpoint::PV-1]	SAR Project : DLOD Project, Project Properties [Project Viewpoint::PV-2]	Training Paramedics to work alongside Fire Rescue Service : Training programme [Project Viewpoint::PV-2]
CV-2					4	
Assistance					✓	
Land SAR						
Maritime SAR					✓	
Recovery					✓	
SAR						
Search					✓	
UK SAR Capability						

This model is analogous to the [SV-5a Operational Activity to System Function Traceability Matrix](#), but provides the interface between Capability and Actual Project models rather than Operational to System Models.

**Related elements**

- [Capability](#)
- [Actual Project](#)
- [Maps To Capability](#)
- [Dependency](#)

**Related procedures**

- [Creating PV-3 matrix](#)