

# SV-2 Systems Resource Flow Description

## Description

A SV-2 specifies the System Resource Flows between Systems and may also list the protocol stacks used in connections.

A SV-2 DoDAF-described Model is used to give a precise specification of a connection between Systems. This may be an existing connection, or a specification for a connection that is to be made.

The intended usage of the SV-2 includes:

- Resource Flow specification.

## Implementation

SV-2 can be represented using:

- A SV-2 diagram which is based on the UML Class diagram.
- A SV-2 diagram which is based on the UML Composite Structure diagram.
- A UML L Class diagram.
- A UML Composite Structure diagram.
- A SysML Block Definition diagram.
- A SysML Internal Block diagram.

Any protocol referred to in a SV-2 diagram needs to be defined in the [StdV-1 Standards Profile](#).

## Related procedures

- [Creating SV-2 diagram](#)
- [Creating Resource Interaction in SV-2 diagram](#)
- [Applying military symbols](#)

## Related elements

- System
- Software
- Capability Configuration
- Organization Type
- Person Type
- Resource Port
- Resource Connector
- Resource Role
- Resource Interface
- Protocol
- Functional Standard
- Technical Standard
- Service
- Request
- Energy
- Resource Interaction
- Exchange Element
- Geo Political Extent Type