OV-2 Operational Resource Flow Internal Description
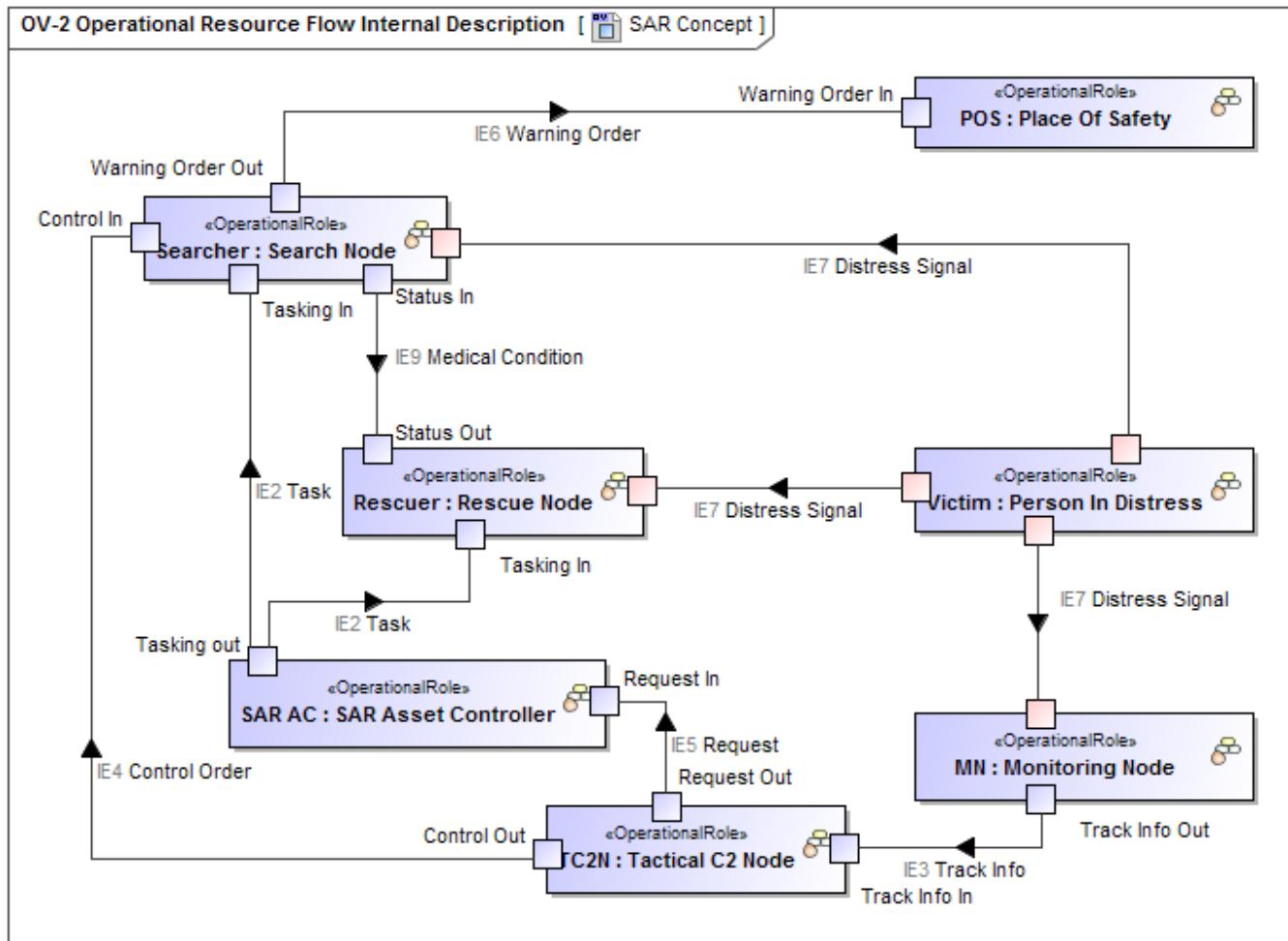
Description

A specific application of the Operational Resource Flow Internal Description is to describe a logical pattern of resource (information, funding, personnel, or materiel) internal flows.

Implementation

OV-2 can be represented using:

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

The Operational Connector established in an OV-2 can be realized by resources and their interactions in a SV-1 Systems Interface Description model or Sv cV-1 Services Context Description model.

In developing an Architectural Description, OV-2 and OV-5b Operational Activity Model are often the starting points and these may be developed iteratively. OV-2 focuses on the Operational Resource Flows, with the activities being a secondary adornment. The OV-5b, on the other hand, places first-order attention on operational activities and only second-order attention on Resource Flows, which can be shown as annotations or Swimlanes on the activities.

Related elements

- Operational Role
- Operational Port
- Operational Connector
- Operational Exchange

Related procedures

- Creating OV-2 Internal diagram
- Creating Operational Exchanges in OV-2 Internal diagram