

Furthermore, the Physical Logical Mapping Viewpoint supports the "Allocation and Partitioning of Logical Entities to Physical Entities" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2015

[§4.4.2.7].

Presentation

A assignment matrix featuring

- Logical Element Breakdown Structure showing Logical Element Roles and Logical Elements
- Physical Element Breakdown Structure showing physical element roles and physical elements
- Allocation relationship from logical system element roles to physical system element roles

Stakeholder

- [Hardware Developer](#)
- [IV&V Engineer](#)
- [Mechanic Developer](#)
- [Software Developer](#)
- [System Architect](#)

Concern

- [Which logical elements are allocated to the physical SOI physical architecture?](#)

Profile Model Reference

The following Stereotypes / Model Elements are used in the Viewpoint:

- Allocate [SysML Profile]
- Attribute "logical_element" of SAF_PhysicalItem referencing SAF_LogicalElement
- SAF_LogicalInternalRole contained in SAF_LogicalElement
- [SAF_LogicalElement](#)
- [SAF_P8_PLOM_Matrix](#)
- [SAF_PhysicalElement](#)
- [SAF_PhysicalHardwareElement](#)
- [SAF_PhysicalInternalRole](#)
- [SAF_PhysicalSoftwareElement](#)

Input from other Viewpoints

Required Viewpoints

- [Logical Structure Definition Viewpoint](#)
- [Physical Structure Definition Viewpoint](#)
- [Logical Functional Mapping Viewpoint](#)

Recommended Viewpoints

- [System Functional Breakdown Structure Viewpoint](#)