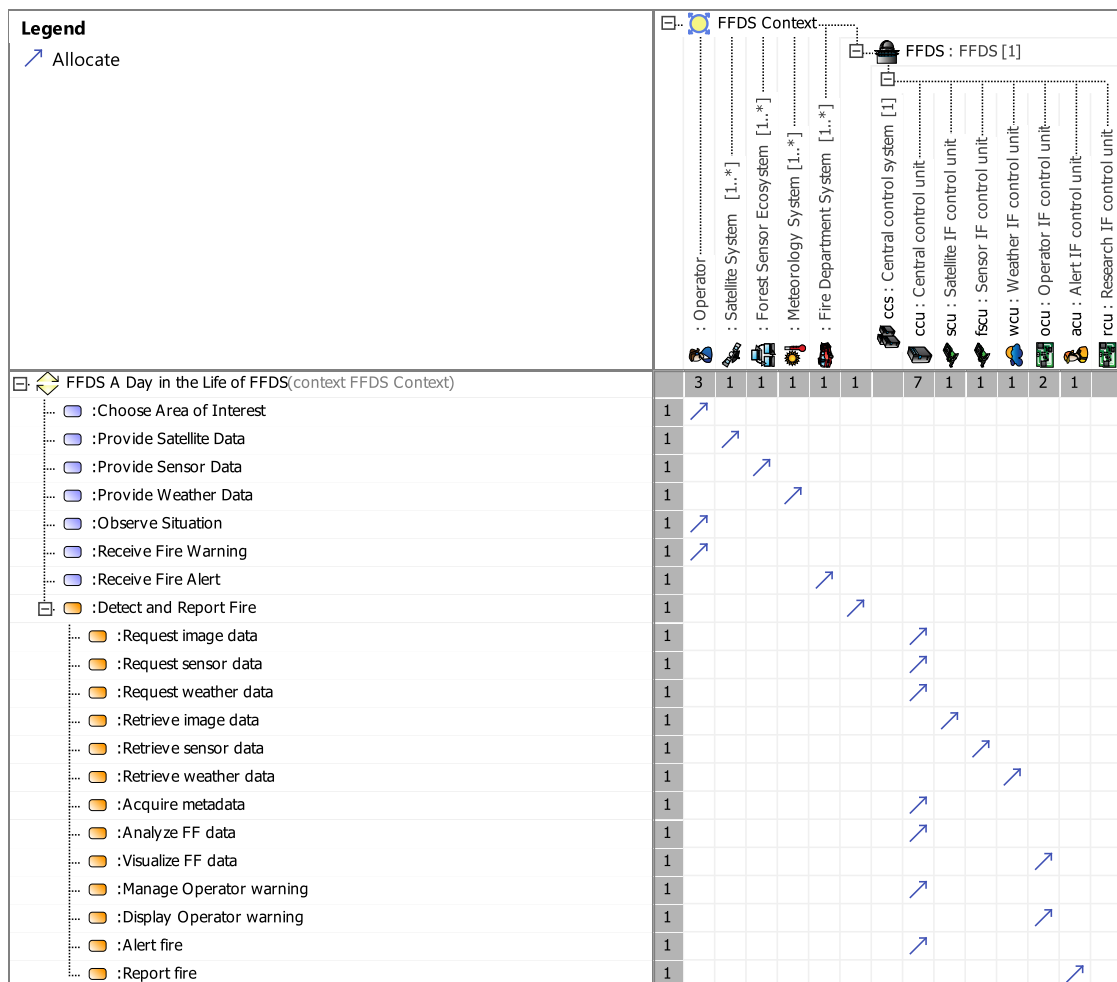




Logical Function Assignment Viewpoint

Domain	Aspect	Maturity
Logical	Mapping & Crossreference	 released

Example



Purpose

The Logical Function Assignment Viewpoint specifies the assignment of System Functions and System Partial Functions to the Logical SOI and Logical SOI Elements.

Applicability

The Logical Function Allocation Viewpoint supports the "System Architecture Definition process" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2015 .

Stakeholder

- [Hardware Developer](#)
- [Software Developer](#)
- [System Architect](#)

Concern

- Which functions/functional requirements are assigned to a logical item?

Presentation

A Logical Function Assignment Matrix featuring

- the call behavior action representing usage of System Functions
- the part properties representing usage of Logical SOI Elements
- the allocation relationship between abovementioned elements

Profile Model Reference

- Allocate [SysML Profile]
- [SAF_FunctionAction](#)
- [SAF_LogicalRole](#)
- [SAF_SLV08a_View](#)
- [SAF_SystemFunction](#)
- [SAF_SystemPartialFunction](#)

Input from other Viewpoints

Required Viewpoints

- [System Process Viewpoint](#)
- [System Functional Breakdown Structure Viewpoint](#)
- [Logical Structure Viewpoint](#)

Recommended Viewpoints

- [System Process Viewpoint](#)