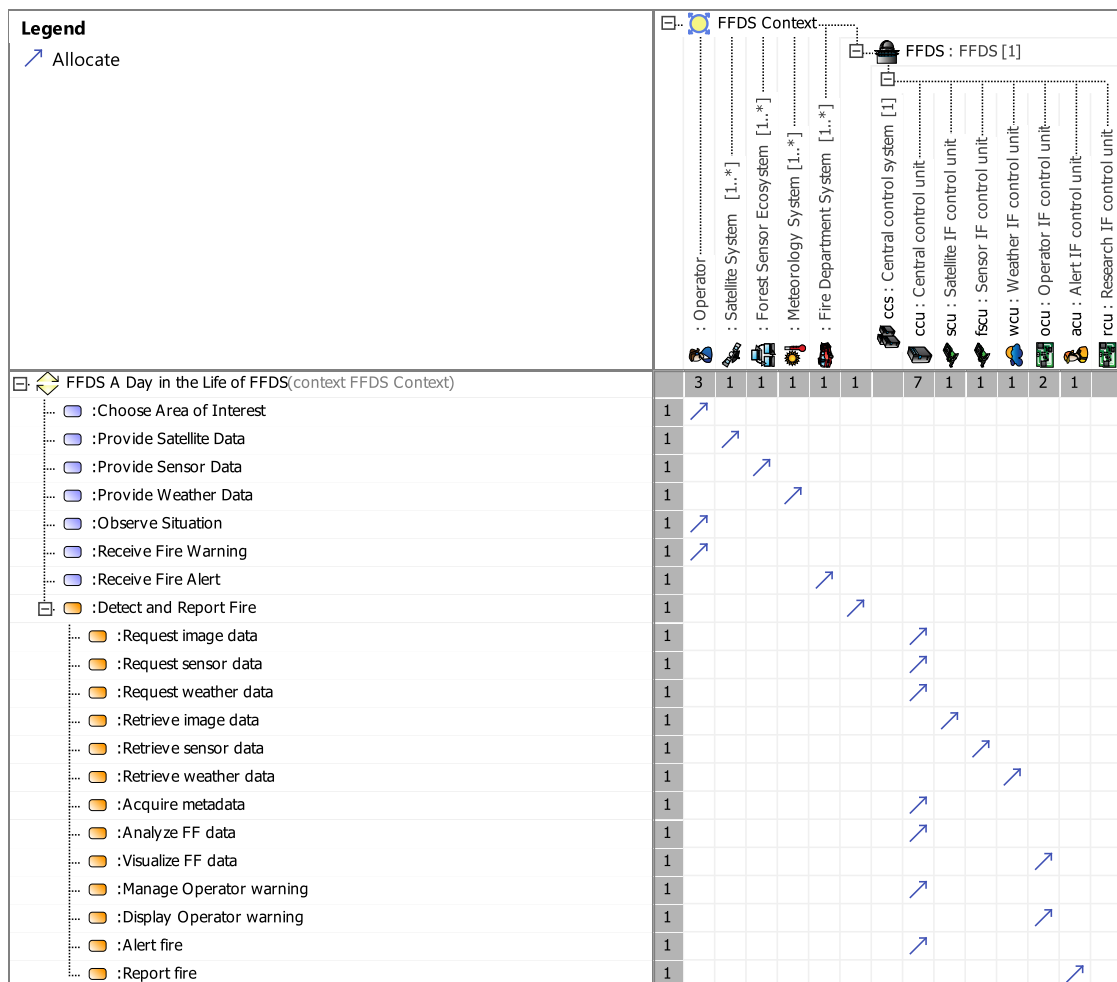




## Logical Function Assignment Viewpoint

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

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

## Stakeholder

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

## Concern

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

## Presentation

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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

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- Allocate [SysML Profile]
- [SAF\\_FunctionAction](#)
- [SAF\\_LogicalRole](#)
- [SAF\\_SLV08a\\_View](#)
- [SAF\\_SystemFunction](#)
- [SAF\\_SystemPartialFunction](#)

## Input from other Viewpoints

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### Required Viewpoints

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

### Recommended Viewpoints

- [System Process Viewpoint](#)