



# Physical Function Allocation Viewpoint

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Domain: [Physical](#) Aspect: [Mapping & Crossreference](#)

## Example

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*none*

## Purpose

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The Physical Function Allocation Viewpoint specifies the allocation of Function(s) to the Physical SOI element(s).

## Applicability

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

## Stakeholder

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- [Acquirer](#)
- [Safety Expert](#)
- [System Architect](#)

## Concern

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- What is the allocation of functions to the physical architecture?
- Which functions and services need to be implemented in SW?
- Which functions need to be realized by HW?

## Presentation

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A Function Allocation Matrix featuring

- the call behavior action representing usage of Function(s)
- the part property(s) representing usage of physical SOI Element(s)

# Profile Model Reference

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## Input from other Viewpoints

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### Required Viewpoints

- [Physical Structure Viewpoint](#)
- [Logical Function Allocation Viewpoint](#)
- [Logical Structure Viewpoint](#)

### Recommended Viewpoints

- [System Process Viewpoint](#)