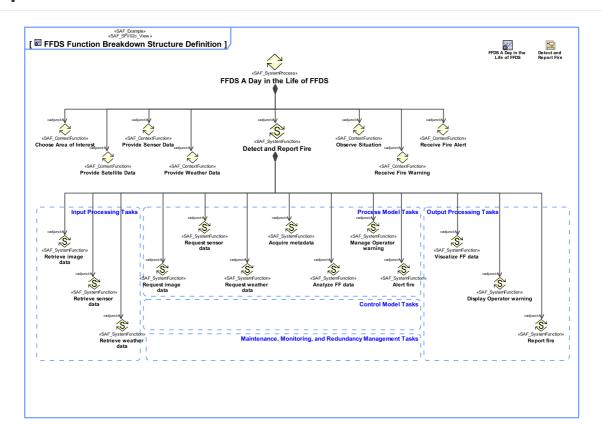
# **System Functional Breakdown Viewpoint**

Domain: Functional Aspect: Structure

# **Example**



## **Purpose**

The System Functional Breakdown Viewpoint defines the functional hierarchy of the SOI beginning with identified System Function(s) further down to decomposed partial Function(s). The reuse of partial Function(s) over Function Trees of the SOI is demonstrated.

# **Applicability**

The System Functional Breakdown Viewpoint supports the "System Requirements Definition Process" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2015 [§4.3] and contributes to the System Function Definition. Note:

### Stakeholder

- Acquirer
- Customer
- System Architect

#### Concern

- How are the system functions decomposed into sub-functions decomposed?
- · Which functions will the system provide?
- · What is the breakdown of functions into sub-functions?
- · What are the Capabilities that are supported by the system?

#### **Presentation**

The result of the [tbd] process is one or more block definition diagram(s) (BDD) featuring [tbd].

#### **Profile Model Reference**

- Activity [UML\_Standard\_Profile]
- Association [UML Standard Profile]
- Association [UML\_Standard\_Profile]
- Property [UML\_Standard\_Profile]
- SAF\_FunctionAction
- SAF SFV02c View
- SAF SystemFunction

# Input from other Viewpoints

#### **Required Viewpoints**

none

### **Recommended Viewpoints**

• System Process Viewpoint