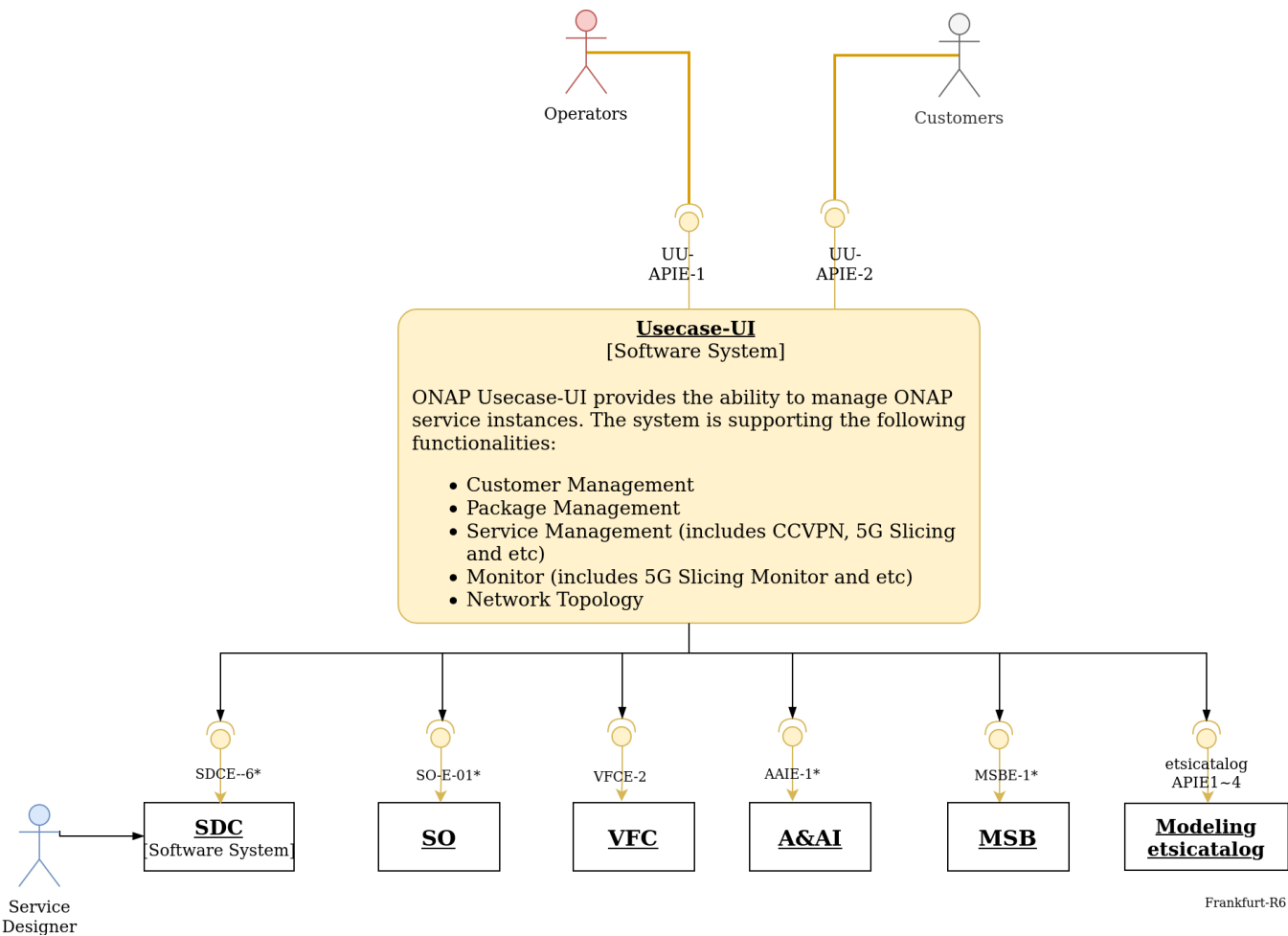


ARC Usecase-UI Component Description – Frankfurt

1 High Level Component Definition and Architectural Relationships



- Usecase-UI is an application portal which provides the ability to manage ONAP service instances.
- Usecase-UI allows customers to create/delete/update service instances, as well as to monitor the alarm and performance of these instances.

2. API definitions

Usecase-UI provides the following interfaces:

	Interface Definition	Interface Capabilities
UU-APIE-1	Operator Portal	User interface for operators: • Customer management • Package management • Service lifecycle management for use cases • Monitor • Network topology management
UU-APIE-2	Customer Portal	User interface for customer: • Service order • Service management • Service monitor

Note: xxxl interface is a Component internal interface. xxxxE interface is a component external interface

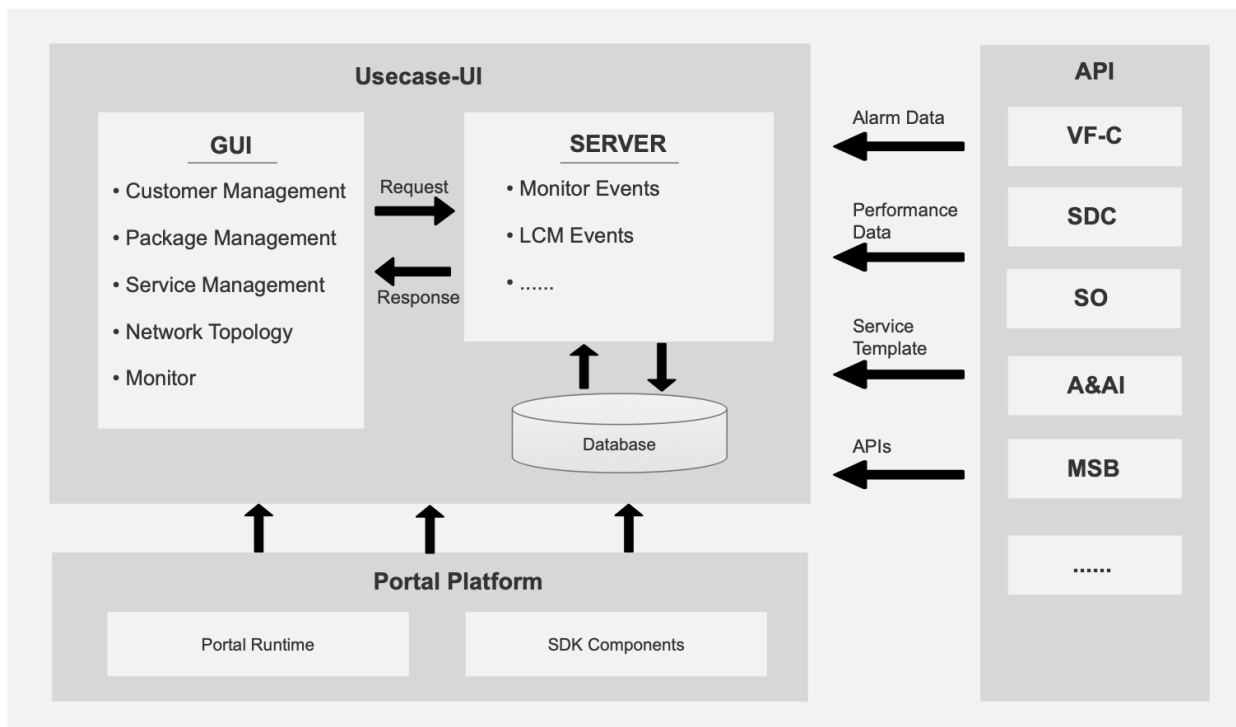
The provided UI interfaces are found at: [Usecase-UI latest user guide](#)

Usecase-UI consumes the following interfaces:

Interface Name	Interface Definition	Interface Capabilities
SDCE-6*	SDC Interface	An interface to receive resource Templates from SDC design catalog.
SO-E-01*	Service and Resource order requests	Service Instance management (Service, Volume Group, VF Module, VNF) Health check, global and node. Infrastructure provider management (Certificates, networks, sub-networks, security groups)
VFCE-2	Service Orchestrator / Policy Interface	An interface to allow Service Orchestrator and Policy request NS Lifecycle Management (ETSI SOL-005).
AAIE-1*	Inventory Service Interface	An interface to create, update, query, and delete resource information and relationships.
MSBE-1*	Micro Service Bus Interface	An interface for registration and discovery with the ONAP Micro Service Bus.
etsicatalogAPI E1~4	Modelling Tosca Parser Interfaces and catalog interfaces	An interface for the Tosca Parser from Modelling project to parse the NS and VNF Descriptors.

*Current description is based on EI Alto documentation, will be updated accordingly if correspondent API update in Frankfurt.

3. Component Description:



Usecase-UI is a web application which contains two parts:

- Usecase-UI GUI
- Usecase-UI Server

4. known system limitations

Now the component Redundancy and scaling depends on Kubernetes.

5. Used Models

Usecase-UI use the following models:

- TOSCA - VNF Descriptor/NS Descriptor ETSI NFV SOL001 v2.4.1 & v2.5.1

6. System Deployment Architecture

Usecase-UI consists of 4 containers:

- Usecase-UI-Operator Portal
- Usecase-UI-Operator Server
- Usecase-UI-Customer Portal
- Usecase-UI-Customer Backend

7. New Release Capabilities

The Frankfurt Release supports two capabilities:

1. 5G Slicing Use Case

- Providing CSMF Portal for customers to support 5G Slicing business
- Providing NSMF Portal for ONAP operating staffs to support 5G Slicing management

2. CCVPN Use Case

- Get and Show MDONS (L1) Service Instances
- Instantiate MDONS (L1) Service Instances
- Terminate MDONS (L1) Service Instance
- Service Provisioning: Adaption of single service template. UUI BE to SO call will be single now,there were 2 calls from UUI BE to SO
- Service Topology: Adaption of new schema in AAI the AAI schema for SOTN service had 2 service linked using allotted-resource

8. References

Usecase-UI Installation & User Guide: [usecase-ui docs](#)