

# ARC VID Component Description - Honolulu-R8

**Page Status:** Copied from Guilin-R7 - Aug-24-2020

**Component Status:** Pending PTL updates and ArchCom Review

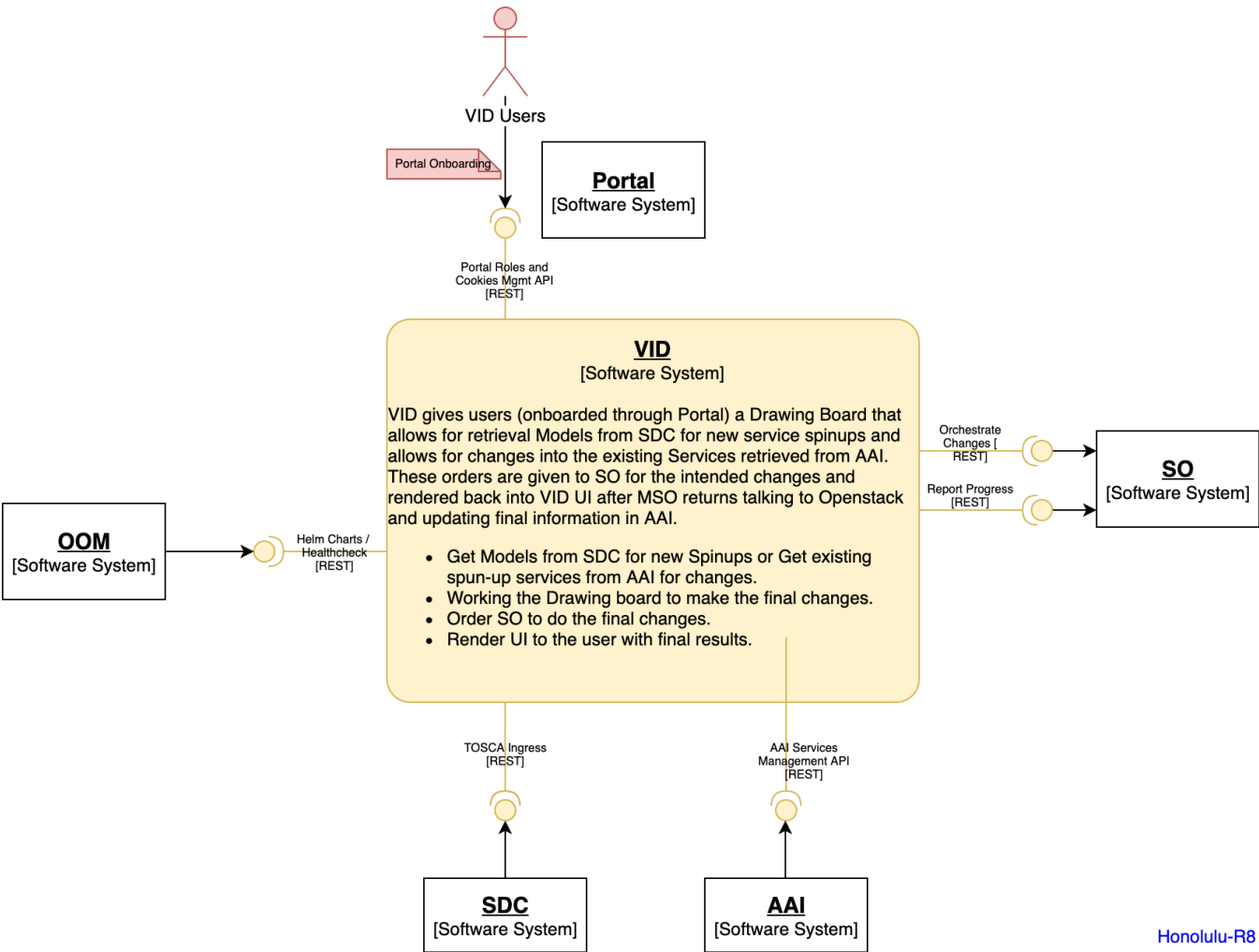
**Last Reviewed on:**

**Certified by:**

## 1. High Level Component Definition and Architectural Relationships

VID (Virtual Infrastructure Deployment) is a UI interface that allows the operations and network infrastructure engineers to orchestrate and change configurations related to the infrastructure expansion and maintenance.

Following is a high level orchestration component diagram that allows to show a compartmentalized view of internal VID components and shows systems that it interacts with



Honolulu-R8

## 2. Component API definitions

VID Interacts with the following components

Interface Name	Purpose Reason For Use	Version (s)	API Spec (swagger)
SO	Interface to Service Orchestrator (SO) for various Operations - for example orchestrating a new VNF.		<a href="#">SO API</a>
SDC	Interface to Service Design Catalog (SDC) for getting Service Model		<a href="#">SDC API</a>
A&AI	Interface to Active & Available Inventory (A&AI) for managing Service Instances - For example for Change Management.		<a href="#">AAI REST API Documentation - Honolulu</a>

## Offered APIs

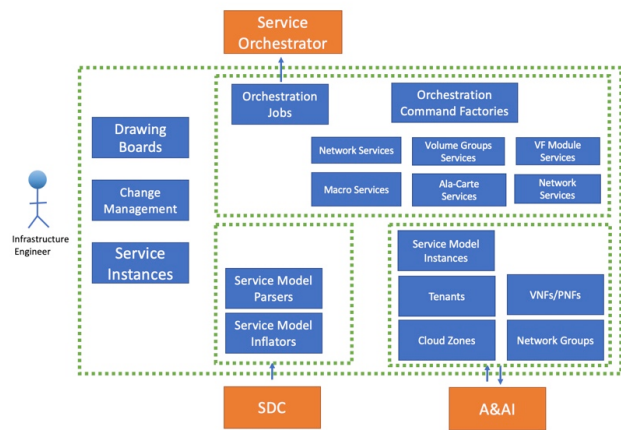
Entity	Method	Path Info	Description
Health Check	GET	/healthCheck	The Health Status of the application checks the DB connection.  Used by IDNS for redundancy  return response entity: - statusCode Either 200 or 500 - detailedMsg of the result, in case of failure particular error message  Expected: <pre>{   "statusCode": 200,   "detailedMsg": "health check succeeded",   "date": current date }</pre>
Health Check	GET	rest/healthCheck/{User-Agent}/{X-ECOMP-RequestID}	The Health Status of the application checks the DB connection  return response entity: - statusCode Either 200 or 500 - detailedMsg of the result, in case of failure particular error message - date string indicating the current date & time  Expected: <pre>{   "statusCode": 200,   "detailedMsg": "health check succeeded",   "date": current date }</pre>
Commit Version	GET	/commitInfo	Displays info about the last commit of the running build  return response entity: - commitId full id of the commit - commitMessageShort short message from the commit - commitTime time of the commit  Expected: <pre>{   "commitId": id of the last commit   "commitMessageShort": short message of the last commit   "commitTime": time of the last commit }</pre>

## Maintenance APIs

Maintenance: Category Parameters	POST	/maintenance/category_parameter/{categoryName}	Populate VID Project/Owning entity/Line of Business/Platform drop downs  {categoryName} is one of lineOfBusiness, platform, project, owningEntity.  POST body: <pre>{   "options": [ &lt;list of strings&gt; ] }</pre>
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### 3. Component Description:

#### Virtual Infrastructure Deployment (VID) Components




### 4. Known System limitations

Non known.

### 5. System Deployment Architecture

### 6. New Release Capabilities

 **REQ-430** - PNF Plug & Play in R8

### 7. References

1. <https://docs.onap.org/en/elalto/submodules/vid.git/docs/consumedapis.html>
2. VID R4 M3 Architecture Review