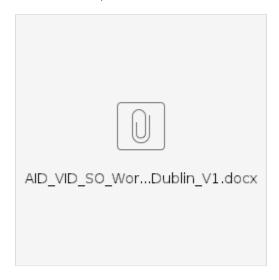
# **Change Management Dublin Extensions**

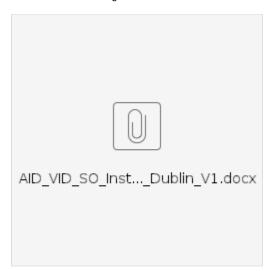
# API for M3:

#### Flexible Designer / Orchestrator:

VID-SO Workflow Specifications AID:



#### VID-SO Instance Management AID:



## **Traffic Migration:**

Traffic Distribution

**R4 API Document** 

**Change Management Schedule Optimizer:** 

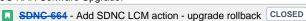
New CMSO APIs in Dublin

5G RAN Software Upgrade:

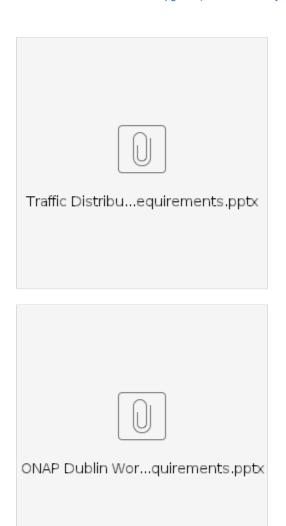
### Use Stories / JIRA

Flexible Designer / Orchestrator:

```
SO-1518 - Complete Implementation of Workflow Activities for VnfInPlaceSoftwareUpdate CLOSED
SO-1542 - Update VID to MSO API to support workflow designer workflows CLOSED
SO-1545 - Update SO database to persist data related to workflow designer workflows CLOSED
SO-1543 - Implement new workflow query request API CLOSED
SO-1544 - Implement new workflow execution request API CLOSED
SO-1546 - Implement new database table to persist activity specification data CLOSED
SO-1547 - Implement new database table to persist workflow specification data CLOSED
SO-1548 - Add APPC LCM actions - Distribute Traffic and Distribute Traffic Check as a SO building block CLOSED
 SO-1549 - Implement Pause for Manual Task Activity for WFD CLOSED
Traffic Migration:
APPC-1442 - Change Management Use Case: Distribute Traffic CLOSED
 OPTFRA-424 - Extend OOF to support traffic distribution optimization CLOSED
SO-1548 - Add APPC LCM actions - Distribute Traffic and Distribute Traffic Check as a SO building block CLOSED
Change Management Schedule Optimizer:
OPTFRA-426 - Track the changes to CMSO to support change management schedule optimization CLOSED
 ✓ OPTFRA-390 - Add AAF AUthentication to CMSO CLOSED
✓ OPTFRA-391 - Support HTTPS for CMSO API CLOSED
 ✓ OPTFRA-428 - CMSO - Refactor Create Schedule API to enable interface to SO CLOSED
OPTFRA-430 - CMSO - Define API for requesting topology for an element CLOSED
 OPTFRA-432 - CMSO - Define Ticket Management API CLOSED
OPTFRA 433 - CMSO - Implement Ticket Management Simulator to support Ticket Management API for testing purposes
CLOSED
 OPTFRA-434 - CMSO - Implement service to support Topology API CLOSED
QPTFRA-435 - CMSO - Implement interface to Policy to support definition of schedule constraints CLOSED
□ OPTFRA-436 - CMSO -Implement model driven optimizer to provide conflict-free schedules CLOSED
OPTFRA-437 - CMSO - Define the API to be used to invoke the optimizer CLOSED
```



- 1. E2E Workflow Designer/Orchestrator (Includes all existing Activities/BBs)
  - a. Dependencies: SDC, SO, VID
  - b. Contributors: Amdocs, AT&T
- 2. Schedule Optimization with Automated Conflict Avoidance
  - a. Dependencies: OOF, Policy, A&AI, SO
  - b CM Scheduling Dublin
  - c. CM Execution based on conflict-free schedule Dublin
  - d. Contributors: AT&T
- 3. Traffic Migration Workflow
  - a. Dependencies: OOF, SO, A&AI (Model Change deffered), APPC/SDNC, Policy (Stretch), SDC (Deffered)
  - b. Contributors: Orange, AT&T
  - c. How do we manage state (e.g., traffic distribution weights) as the TM operation is going on
  - d. Other use case benefiting: Scale in/Scale out
  - e. Functionality: Traffic Distribution Workflow Dublin Requirements.pptx (mainly slides 15, 16, 17 and 26)
- 4. 5G PNF Software Upgrade
  - a. Dependencies: SO, A&AI, SDNC, VID
  - b. Contributors: Huawei, China Mobile, AT&T
  - c. Functionality: 5G PNF Software Update
  - d. 5G PNF SW Upgrade (Casablanca carry-over items)





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