

Change Management Dublin Extensions

API for M3:

Flexible Designer / Orchestrator:

VID-SO Workflow Specifications AID:



AID_VID_SO_Wor...Dublin_V1.docx

VID-SO Instance Management AID:



AID_VID_SO_Inst..._Dublin_V1.docx

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-1548](#) - Complete Implementation of Workflow Activities for VnflnPlaceSoftwareUpdate 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

 [OPTFRA-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

5G RAN Software Upgrade:

 [SDNC-664](#) - Add SDNC LCM action - upgrade rollback 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 deferred), APPC/SDNC, Policy (Stretch), SDC (Deferred)
 - 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 \(Casablanca carry-over items\)](#)



Traffic Distribu...quirements.pptx



ONAP Dublin Wor...quirements.pptx



ONAP Dublin Wor...er 013019.docx