



Explore API Documentation

SelfService_Contract_ChangeWorkflow Version 1.0

Last Modified: 11/14/2023

Last Modified By: Swadesh.Subedi



Change Log

This changelog only contains significant or notable changes to the revision. Any editorial type changes or minor changes are not included.

Revision	Change Date	Description	Modified By
1.0	04/16/2021	Initial draft	Swadesh Subedi
1.1	08/11/2022	Updated API Detail data refresh	Litzy Mora

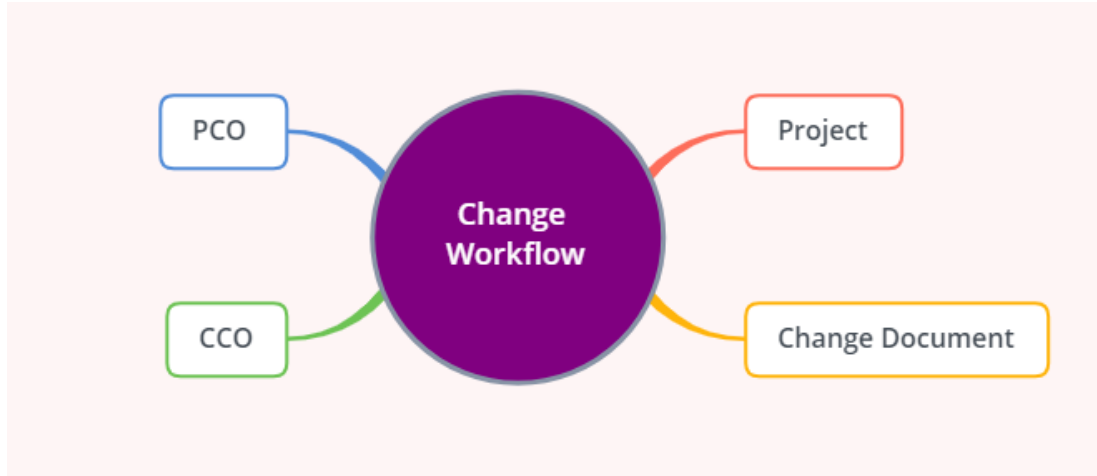
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Overview

An approval workflow can be set up for a potential change order (PCO), client change order (CCO) and a change document. A workflow can have multiple steps – each one of which can be independently approved/rejected.

This API provides approval information for all steps associated with a workflow. A workflow cannot belong to more than one PCO or CCO or a document.



From: Table	To: Table	Relationship	Cardinality ¹	Comment
SelfService_Contract_Change Workflow (CW)	Selfservice_Contract_Pr oject (P)	P.ProjectId = CW.ProjectId	1:M	Id, Display, Name, Organization Id
SelfService_Contract_Change Workflow (CW)	Selfservie_Contract_PC OSummary (PCO)	PCO.PCOId = CW.PotentialChangeOrderId	0:1	PCO Details
SelfService_Contract_Change Workflow (CW)	Selfservie_Contract_CC OSummary (CCO)	CCO.CCOId = CW.ClientChangeOrderId	0:1	CCO Details
SelfService_Contract_Change Workflow (CW)	Selfservie_Contract_Ch angeDocument (CD)	CD.ChangeIssueDocum entId = CW.ClientChangeOrderId	0:1	Document Details

API Detail

Direction	From Project Suite
Pagination	50,000 Rows
Frequency	All Reporting APIs are used by calling a GET method at an interval determined by the customer. InEight suggests using these APIs on an infrequent basis (once per day) to avoid potential performance impact to live systems when the returned data set could be large.
Trigger Method(s)	All default OData filters are supported.
Average Payload Size	Depends on the date range selected.
APIM Name	SelfService_Contract_ChangeWorkflow

¹ 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

API URL		https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/ SelfService_Contract_ChangeWorkflow
Source Data Table Kind		ODS Tables
Data Refresh/Delta/Incremental Loads		This API must be run as a full refresh each time; the data in this API refreshes every 15-20 minutes
Project Suite	Starting Version	V1.0
	Ending Version	V1.0

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Data Type	Char Max Length	Numeric Precision	Numeric Scale	Date Precision	Is Nullable	PK
ChangeWorkflowInitiationStepId	bigint	NULL	19	0	NULL	0	X
ChangeWorkflowInitiationId	bigint	NULL	19	0	NULL	1	
ProjectId	bigint	NULL	19	0	NULL	1	
ChangeTransactionTypeId	bigint	NULL	19	0	NULL	1	
TransactionType	nvarchar	250	NULL	NULL	NULL	1	
PotentialChangeOrderId	bigint	NULL	19	0	NULL	1	
ClientChangeOrderId	bigint	NULL	19	0	NULL	1	
ChangeDocumentId	bigint	NULL	19	0	NULL	1	
WorkflowStatusId	bigint	NULL	19	0	NULL	1	
WorkflowStatus	nvarchar	50	NULL	NULL	NULL	1	
StepStatusId	bigint	NULL	19	0	NULL	0	
StepName	nvarchar	150	NULL	NULL	NULL	0	
StepStatus	nvarchar	50	NULL	NULL	NULL	1	
ApproveRejectById	bigint	NULL	19	0	NULL	1	
ApproveRejectByName	nvarchar	402	NULL	NULL	NULL	1	
ApproveRejectDate	datetimeoffset	NULL	NULL	NULL	7	1	
ApproverEmail	nvarchar	1024	NULL	NULL	NULL	1	
IsActive	int	NULL	10	0	NULL	0	
WorkflowCreatedDate	datetimeoffset	NULL	NULL	NULL	7	1	
WorkflowStepCreatedDate	datetimeoffset	NULL	NULL	NULL	7	0	
WorkflowEndDate	datetimeoffset	NULL	NULL	NULL	7	1	
ModifiedDate	datetimeoffset	NULL	NULL	NULL	7	1	

Field Descriptions

Name	Description	Example
ChangeWorkflowInitiationStepId	Unique identifier of a workflow step	2759
ChangeWorkflowInitiationId	Unique identifier of a workflow. A workflow can have multiple steps.	67428
ProjectId	System generated code for a project	29
ChangeTransactionTypeId	Indicates transaction type	1 – Issue 2 – PCO 3 – CCO
TransactionType	Transaction type name	PCO
PotentialChangeOrderId	Potential Change Order Id associated with the workflow	25847
ClientChangeOrderId	Client Change Order Id associated with the workflow	A workflow can be associated with only one of PCO, CCO or Document.
ChangeDocumentId	Document Id associated with the workflow	
WorkflowStatusId	Overall workflow status Id	1
WorkflowStatus	Overall workflow status name	In Approval
StepStatusId	Workflow step status Id. Steps can be in different status than overall workflow	2
StepName	Step name	Step 1
StepStatus	Step status name	Approved
ApproveRejectById	Step approved/rejected User Id	4049
ApproveRejectByName	Name of user approving/rejecting workflow	Asha George
ApproveRejectDate	Step approved/rejected date	2021-03-11 06:49:21.5179200+00:00
ApproverEmail	Approver's email	ashag@ineight.com
IsActive	Indicates whether a record has been soft-deleted	Active = 1, Inactive = 0
WorkflowCreatedDate	Overall workflow created date	2021-03-11 06:45:14.3226469+00:00
WorkflowStepCreatedDate	Workflow step created date	2021-03-11 06:45:14.3538977+00:00
WorklowEndDate	Overall workflow end date	2021-03-13 07:25:14.3538977+00:00
ModifiedDate	Date of last modification of all fields (For incremental refresh)	2021-03-10 13:18:05.4289680+00:00

Sample

```
{
  "ChangeWorkflowInitiationStepId":10,"ChangeWorkflowInitiationId":9,"ProjectId":4,"ChangeTransactionTypeId":3,"TransactionType":"CCO","PotentialChangeOrderId":null,"ClientChangeOrderId":24096,"ChangeDocumentId":null,"WorkflowStatusId":1,"WorkflowStatus":"In approval",
  "StepStatusId":2,"StepName":"Test","StepStatus":"Approved","ApproveRejectById":-1,"ApproveRejectByName":"System ",
  "ApproveRejectDate":"2021-03-03T07:54:36.8778123Z","ApproverEmail":"gajay@pkglobal.com","IsActive":1,"WorkflowCreatedDate":"2021-03-03T07:16:28.1297966Z",
  "WorkflowStepCreatedDate":"2021-03-03T07:16:28.1766979Z","WorklowEndDate":null,"ModifiedDate":"2021-03-15T21:47:30.7691241Z"}
}
```

Data Validation

Workflow and steps can be created in the Workflow Assignments tab of a PCO, CCO, Document.

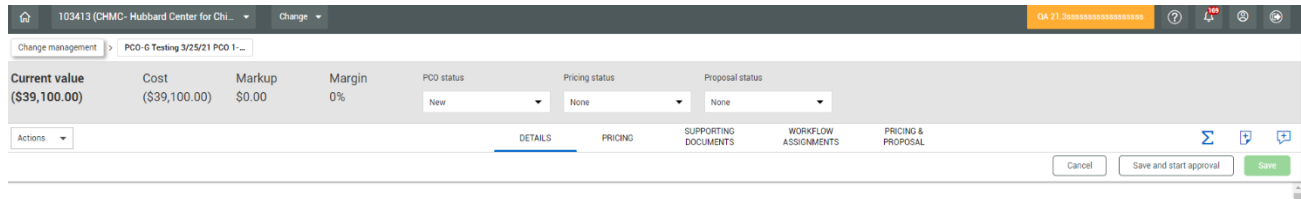


Figure 1: Initiation of a Workflow

Once a workflow has been started, approval steps and status can be viewed by hovering over the three blue dots on the Approval Status section.

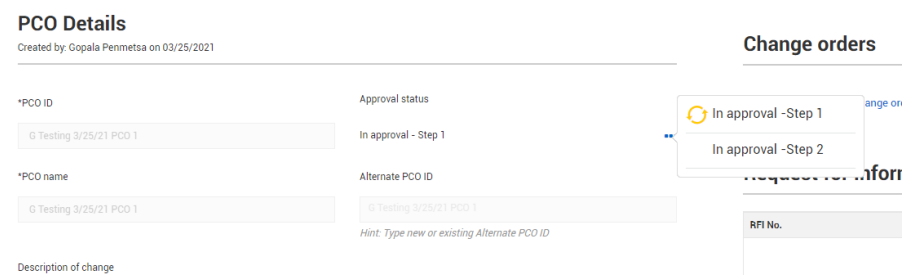


Figure 2: Workflow Approval Steps