



Explore API Documentation

SelfService_Control_ChangeOrder

Version 1.0

Last Modified: 10/31/2023

Last Modified By: Litzy Mora



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	7/26/2023	Initial draft	Litzy Mora

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Overview

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality ¹	Comment

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 date range selected	
APIM Name	SelfService_Control_ChangeOrder	
Replicate View	SelfService.vwControlChangeOrder	
Data Refresh/Delta/Incremental Loads	Data refresh within ~ 20 minutes. Data can be incrementally loaded after first full refresh.	
Project Suite	Starting Version	23.6
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	Char Max Length	Numeric Precision	Scale	Product	PK
ChangeOrderId	bigint	8	19	0	Control	
ProjectId	bigint	8	19	0	Control	
OriginatedById	bigint	8	19	0	Control	
OriginatedByFullName	nvarchar	201	0	0	Control	X
Discipline	nvarchar	500	0	0	Control	
IssueNumber	nvarchar	100	0	0	Control	
CCO	nvarchar	250	0	0	Control	

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

ChangeOrderDescription	nvarchar	500	0	0	Control	
Notes	nvarchar	250	0	0	Control	
NetCostChange	decimal	13	27	11	Control	
NetQuantityChange	decimal	13	27	11	Control	
NetManHourChange	decimal	13	27	11	Control	
ApprovalStatusId	bigint	8	19	0	Control	
IsActive	bit	1	1	0	Report	
ApprovalStatusName	nvarchar	50	0	0	Control	
ApprovedById	bigint	8	19	0	Control	
ApprovedByFullName	nvarchar	201	0	0	Control	
ChangeOrderNumber	nvarchar	50	0	0	Control	
ApprovalId	bigint	8	19	0	Control	
ApprovalFullName	nvarchar	201	0	0	Control	
NetContractChange	decimal	13	27	11	Control	
IsRevised	bit	1	1	0	Control	
IsNetZeroMHON	bit	1	1	0	Control	
CCOPrice	decimal	13	28	15	Control	
IsRejectedRevised	bit	1	1	0	Control	
ChangeManagementTag1Id	bigint	8	19	0	Control	
ChangeManagementTag1ListValue	nvarchar	100	0	0	Control	
ChangeManagementTag2Id	bigint	8	19	0	Control	
ChangeManagementTag2ListValue	nvarchar	100	0	0	Control	
ChangeManagementTag3Id	bigint	8	19	0	Control	
ChangeManagementTag3ListValue	nvarchar	100	0	0	Control	
ChangeManagementUserDefined1	nvarchar	500	0	0	Control	
ChangeManagementUserDefined2	nvarchar	500	0	0	Control	
ChangeManagementUserDefined3	nvarchar	500	0	0	Control	
PreviousStatusId	bigint	8	19	0	Control	
PreviousStatusName	nvarchar	50	0	0	Control	
ChangeIssueChangeOrderId	bigint	8	19	0	Control	
ApprovedOn	datetimeoffset	10	34	7	Control	
AssociationType	nvarchar	50	0	0	Control	
RevenueCategoryId	bigint	8	19	0	Control	
RevenueCategoryName	nvarchar	250	0	0	Control	
StartDate	date	3	10	0	Control	
FinishDate	date	3	10	0	Control	
CostCurveId	bigint	8	19	0	Control	
CostCurveName	nvarchar	50	0	0	Control	
ChangeOrderTypeId	bigint	8	19	0	Control	
ChangeOrderTypeName	nvarchar	50	0	0	Control	
CreatedById	bigint	8	19	0	Report	
CreatedByFullName	nvarchar	201	0	0	Report	
CreatedDate	datetimeoffset	10	34	7	Report	
ModifiedById	bigint	8	19	0	Report	

ModifiedByFullName	nvarchar	201	0	0	Control	
TotalContractPriceAdjustment	decimal	13	27	11	Control	
ModifiedDate	datetimeoffset	10	34	7	Report	
CCOTotalBudget	decimal	13	28	15	Control	
CCODeductions	decimal	13	28	15	Control	
IsCostItemOrPayItemUnlocked	bit	1	1	0	Control	
ChangeIssued	bigint	8	19	0	Control	
Markup	decimal	13	28	15	Control	

Field Descriptions

Name	Description	Example
ChangeOrderId		11535
ProjectId	System generated Project id	53
OriginatedById		1
OriginatedByFullName		InEight Service Account
Discipline		1
IssueNumber	The id that corresponds to the issue in InEight Change	1,23
CCO	The CCO id that corresponds to the issue in InEight Change	PACC #1
ChangeOrderDescription		PCO-07 Mead Ave. Furnish and Install Additional Fence & Gates
Notes	Text field for notes	NULL
NetCostChange		0.000000000000
NetQuantityChange		0.000000000000
NetManHourChange		0.000000000000
ApprovalStatusId		6
IsActive	When this field equals 0, then the cost item is no longer active and used in the project	0
ApprovalStatusName		0
ApprovedById		NULL
ApprovedByFullName		NULL
ChangeOrderNumber		89.1
ApprovalId		11802
ApprovalFullName		Baron Young
NetContractChange		0.000000000000
IsRevised		0
IsNetZeroMHON		0
CCOPrice		65000.0000000000000000
IsRejectedRevised		0
ChangeManagementTag1Id		NULL

ChangeManagementTag1ListValue		NULL
ChangeManagementTag2Id		NULL
ChangeManagementTag2ListValue		NULL
ChangeManagementTag3Id		NULL
ChangeManagementTag3ListValue		NULL
ChangeManagementUserDefined1		NULL
ChangeManagementUserDefined2		NULL
ChangeManagementUserDefined3		NULL
PreviousStatusId		NULL
PreviousStatusName		NULL
ChangeIssueChangeOrderId		NULL
ApprovedOn		NULL
AssociationType		NULL
RevenueCategoryId		NULL
RevenueCategoryName		NULL
StartDate	Schedule start day	NULL
FinishDate	Schedule finish day	NULL
CostCurveId		NULL
CostCurveName		Custom curve 1
ChangeOrderTypeId		14
ChangeOrderTypeName		Contract adjustment
CreatedById	The user Id that created the record	1
CreatedByFullName	The name of the individual that created the record	InEight Service Account
CreatedDate	The date the record was created	2018-09-27 19:04:34.7196919 +00:00
ModifiedById	The user Id that modified the record	1
ModifiedByFullName	The user name of the individual that modified the record	InEight Service Account
TotalContractPriceAdjustment		0.000000000000
ModifiedDate	The user Id that modified the record	2023-07-26 04:56:15.4596705 +00:00
CCOTotalBudget		NULL
CCODeductions		0.0000000000000000
IsCostItemOrPayItemUnlocked		0
ChangeIssueId	Issue identifier for the document	NULL
Markup		NULL

Sample

```
{ "ChangeOrderId":1, "ProjectId":2, "OriginatedById":59, "OriginatedByFullName": "Matthe
w
Easter", "Discipline": "", "IssueNumber": "", "CCO": "", "ChangeOrderDescription": "Budget
Change for Spencer
Oxer", "Notes": null, "NetCostChange": 0.000000000000, "NetQuantityChange": 0.000000000000,
"NetManHourChange": 0.000000000000, "ApprovalStatusId": 3, "IsActive": true, "ApprovalStat
usName": "Rejected", "ApprovedById": null, "ApprovedByFullName": null, "ChangeOrderNumber
": "1.0", "ApprovalId": 1, "ApprovalFullName": "InEight Service
Account", "NetContractChange": null, "IsRevised": false, "IsNetZeroMHON": false, "CCOPrice
": null, "IsRejectedRevised": false, "ChangeManagementTag1Id": null, "ChangeManagementTag
1ListValue": null, "ChangeManagementTag2Id": null, "ChangeManagementTag2ListValue": null
, "ChangeManagementTag3Id": null, "ChangeManagementTag3ListValue": null, "ChangeManagem
entUserDefined1": null, "ChangeManagementUserDefined2": null, "ChangeManagementUserDefin
ed3": null, "PreviousStatusId": null, "PreviousStatusName": null, "ChangeIssueChangeOrder
Id": null, "ApprovedOn": null, "AssociationType": "AssociationBudgetMove", "RevenueCatego
ryId": null, "RevenueCategoryName": null, "StartDate": null, "FinishDate": null, "CostCurve
Id": null, "CostCurveName": "Custom curve
1", "ChangeOrderTypeId": 1, "ChangeOrderTypeName": "Budget
Move", "CreatedById": 59, "CreatedByFullName": "Matthew Easter", "CreatedDate": "2017-02-
28T20:07:14.3523452Z", "ModifiedById": 1, "ModifiedByFullName": "InEight Service
Account", "TotalContractPriceAdjustment": null, "ModifiedDate": "2023-07-
19T06:02:33.4333333Z", "CCOTotalBudget": null, "CCODeductions": 0.0000000000000000, "IsCo
stItemOrPayItemUnlocked": false, "ChangeIssueId": null, "Markup": null }
```

Data Validation