



## Explore API Documentation

# SelfService\_Control\_ChangeOrderDetail tables

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 <sup>1</sup>	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_ChangeOrderDetail	
Replicate View	SelfService.vwControlChangeOrderDetail	
Data Refresh/Delta/Incremental Loads	This API must be run as a full refresh each time. Reporting ODS refresh is every 15 minutes.	
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
<b>ChangeOrderDetailId</b>	bigint	8	19	0	Control	X
<b>ChangeOrderId</b>	bigint	8	19	0	Control	
<b>ChangeOrderDescription</b>	nvarchar	500	0	0	Control	
<b>QuantityChange</b>	decimal	13	28	15	Control	
<b>CostChange</b>	decimal	13	28	15	Control	
<b>IsActive</b>	bit	1	1	0	Control	
<b>ManHoursChange</b>	decimal	13	28	15	Control	

<sup>1</sup> 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

<b>AdjustedBudget</b>	decimal	13	28	15	Control	
<b>AdjustedManHour</b>	decimal	13	28	15	Control	
<b>AdjustedQuantity</b>	decimal	13	28	15	Control	
<b>ToAdjustedBudget</b>	decimal	13	28	15	Control	
<b>ToAdjustedManHour</b>	decimal	13	28	15	Control	
<b>ToAdjustedQuantity</b>	decimal	13	28	15	Control	
<b>ChangeOrderTypeName</b>	nvarchar	50	0	0	Control	
<b>ModifiedByld</b>	bigint	8	19	0	Control	
<b>FromCBSPosition</b>	nvarchar	100	0	0	Control	
<b>FromWBSDescription</b>	nvarchar	250	0	0	Control	
<b>FromWBSPhaseCode</b>	nvarchar	50	0	0	Control	
<b>ToCBSPosition</b>	nvarchar	100	0	0	Control	
<b>ToWBSDescription</b>	nvarchar	250	0	0	Control	
<b>ToWBSPhaseCode</b>	nvarchar	50	0	0	Control	
<b>AdjustedCBTotalCost</b>	decimal	13	28	15	Control	
<b>AdjustedCBTotalMhrs</b>	decimal	13	28	15	Control	
<b>AdjustedCBTotalQty</b>	decimal	13	28	15	Control	
<b>LockedDate</b>	datetimeoffset	10	34	7	Control	
<b>ModifiedDate</b>	datetimeoffset	10	34	7	Control	
<b>ChangeOrderDetailId</b>	bigint	8	19	0	Control	
<b>ChangeOrderId</b>	bigint	8	19	0	Control	
<b>ChangeOrderDescription</b>	nvarchar	500	0	0	Control	
<b>QuantityChange</b>	decimal	13	28	15	Control	
<b>CostChange</b>	decimal	13	28	15	Control	
<b>IsActive</b>	bit	1	1	0	Control	
<b>ManHoursChange</b>	decimal	13	28	15	Control	
<b>AdjustedBudget</b>	decimal	13	28	15	Control	
<b>AdjustedManHour</b>	decimal	13	28	15	Control	
<b>AdjustedQuantity</b>	decimal	13	28	15	Control	
<b>ToAdjustedBudget</b>	decimal	13	28	15	Control	
<b>ToAdjustedManHour</b>	decimal	13	28	15	Control	
<b>ToAdjustedQuantity</b>	decimal	13	28	15	Control	
<b>ChangeOrderTypeName</b>	nvarchar	50	0	0	Control	
<b>ModifiedByld</b>	bigint	8	19	0	Control	
<b>FromCBSPosition</b>	nvarchar	100	0	0	Control	
<b>FromWBSDescription</b>	nvarchar	250	0	0	Control	
<b>FromWBSPhaseCode</b>	nvarchar	50	0	0	Control	
<b>ToCBSPosition</b>	nvarchar	100	0	0	Control	
<b>ToWBSDescription</b>	nvarchar	250	0	0	Control	
<b>ToWBSPhaseCode</b>	nvarchar	50	0	0	Control	
<b>AdjustedCBTotalCost</b>	decimal	13	28	15	Control	
<b>AdjustedCBTotalMhrs</b>	decimal	13	28	15	Control	
<b>AdjustedCBTotalQty</b>	decimal	13	28	15	Control	
<b>LockedDate</b>	datetimeoffset	10	34	7	Control	

ModifiedDate	datetimeoffset	10	34	7	Control	
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## Field Descriptions

Name	Description	Example
ChangeOrderDetailId		54060
ChangeOrderId		8087
ChangeOrderDescription		Tanks 4-7 Install Platform Steel and Grating
QuantityChange		4937.0000000000000000
CostChange		18927.997502045300000
IsActive		0
ManHoursChange		169.004715237380000
AdjustedBudget		18928.0000000000000000
AdjustedManHour		169.0000000000000000
AdjustedQuantity		4937.0000000000000000
ToAdjustedBudget		NULL
ToAdjustedManHour		NULL
ToAdjustedQuantity		NULL
ChangeOrderTypeName		Contract adjustment
ModifiedById		158135
FromCBSPosition		1.1.1.6.6.2.1
FromWBSDescription		T04-Install Platform Steel
FromWBSPhaseCode		1308
ToCBSPosition		NULL
ToWBSDescription		NULL
ToWBSPhaseCode		NULL
AdjustedCBTotalCost		18927.997502045300000
AdjustedCBTotalMhrs		169.004715237380000
AdjustedCBTotalQty		4937.0000000000000000
LockedDate		NULL
ModifiedDate		2023-06-01 05:48:22.4400000 +00:00

## Sample

```
{ "ChangeOrderDetailId":1, "ChangeOrderId":1, "ChangeOrderDescription":"Budget Change for Spencer Oxer", "QuantityChange":0.0000000000000000, "CostChange":10000.0000000000000000, "IsActive":true, "ManHoursChange":0.0000000000000000, "AdjustedBudget":150000.0000000000000000, "AdjustedManHour":0.0000000000000000, "AdjustedQuantity":100.0000000000000000, "ToAdjustedBudget":0.0000000000000000, "ToAdjustedManHour":0.0000000000000000, "ToAdjustedQuantity":null, "ChangeOrderTypeName":"Budget
```

```
Move", "ModifiedById":59, "FromCBSPosition": "1.5.1.1.1.1.7.2.1", "FromWBSDescription":  
"OSM Other  
Projects", "FromWBSPhaseCode": "1165", "ToCBSPosition": "1.5.1.1.1.1.7.2.2", "ToWBSDescr  
iption": "0096-15 KieTrac tie Inspection to Component  
ID", "ToWBSPhaseCode": "1167", "AdjustedCBTotalCost": 10000.000000000000000, "AdjustedCB  
TotalMhrs": 0.000000000000000, "AdjustedCBTotalQty": 0.000000000000000, "LockedDate": nu  
ll, "ModifiedDate": "2023-07-19T06:02:33.4333333Z"}
```

## Validation