



## Explore API Documentation

# SelfService\_Control\_Budget

Version 2.0

Last Modified: 10/31/2023



## 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	6/19/2019	Initial draft	Chase Denton
1.1	8/8/2022	Updated data refresh time	Natalie Takacs
2.05	3/24/2023	Removed SelfService_Control_ActualsToDate reference	Suresh Aitha

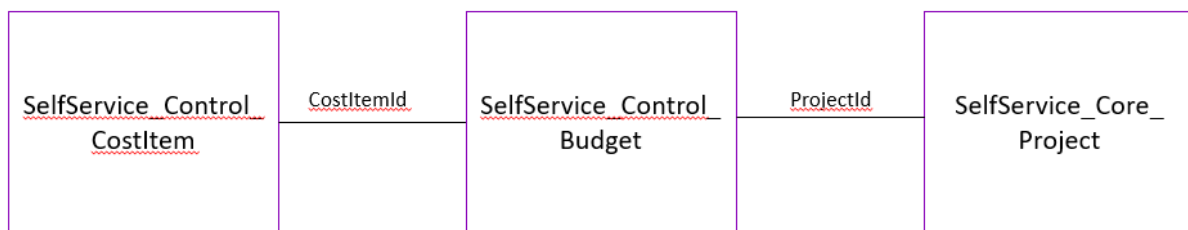
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## Overview

This API contains information pertinent to your project's original budget (OB) and current budget (CB) as well as to-date (TD) numbers.

From: Table	To: Table	Relationship	Cardinality <sup>1</sup>	Comment
SelfService_Control_Budget (CB)	SelfService_Control_CostItem (CI)	CI.CostItemId = CB.CostItemId	1:1	TakeOfQuantity, TotalMH, LaborTotalCost, ConstEqpTotalCost, FOMRentedEquipmentTotalCost, TotalCost
SelfService_Control_Budget (CB)	SelfService_Core_Project (P)	P.ProjectId = CB.ProjectId	1:M	



## 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_Budget
API URL	<a href="https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/SelfService_Control_Budget">https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/SelfService_Control_Budget</a>
Replicate View	SelfService.vwControlBudget
Data Refresh/Delta/Incremental Loads	The data in this API will refresh ~20 minutes. Data can be incrementally loaded after first full refresh.

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

Project Suite	Starting Release	22.12
	Ending Release	

## Supported Filters

All default OData filters are supported by this API.

## Fields

Name	Type	CharMaxLength	Numeric Precision	Numeric Scale	DatePrecision	Product	P K
CostItemId	bigint	NULL	19		NULL	Control	X
ProjectId	bigint	NULL	19		NULL	Core	
OB_take_off_quantity	decimal	NULL	28	15	NULL	Control	
OB_MHrs	decimal	NULL	28	15	NULL	Control	
OB_labor_total_cost	decimal	NULL	28	15	NULL	Control	
OB_construction_equipment_total_cost	decimal	NULL	28	15	NULL	Control	
OB_FOM_rented_equipment_total_cost	decimal	NULL	28	15	NULL	Control	
OB_total_cost	decimal	NULL	28	15	NULL	Control	
Forecast_(T/O)_quantity	decimal	NULL	28	15	NULL	Control	
CE_final_MHrs	decimal	NULL	28	15	NULL	Control	
CE_Mhrs/Unit	decimal	NULL	28	15	NULL	Control	
CE_Units/MHr	decimal	NULL	28	15	NULL	Control	
CB_total_quantity	decimal	NULL	28	15	NULL	Control	
CB_total_MHrs	decimal	NULL	28	15	NULL	Control	
CB_labor_total_cost	decimal	NULL	28	15	NULL	Control	
CB_construction_equipment_total_cost	decimal	NULL	28	15	NULL	Control	
CB_FOM_rented_equipment_total_cost	decimal	NULL	28	15	NULL	Control	
CB_total_cost	decimal	NULL	28	15	NULL	Control	
CB_Mhrs/Unit	decimal	NULL	22	15	NULL	Control	
CB_Units/MHr	decimal	NULL	28	15	NULL	Control	
Qty_complete_(to_date)	decimal	NULL	28	15	NULL	Control	
MHrs_(to_date)	decimal	NULL	28	15	NULL	Control	
Labor_total_cost_(to_date)	decimal	NULL	28	15	NULL	Control	
Construction_equipment_total_cost_(to_date)	decimal	NULL	28	15	NULL	Control	
FOM_rented_equipment_total_cost_(to_date)	decimal	NULL	28	15	NULL	Control	
Total_cost_(to_date)	decimal	NULL	28	15	NULL	Control	
Mhrs/Unit_(to_date)	decimal	NULL	28	15	NULL	Control	
Units/MHr_(to_date)	decimal	NULL	28	15	NULL	Control	
UoM	nvarchar	255	NULL		NULL	Control	

<b>UoM_abb</b>	nvarchar	250	NULL		NULL	Control	
<b>Currency</b>	varchar	3	NULL		NULL	Control	
<b>Currency_description</b>	nvarchar	250	NULL		NULL	Control	
<b>ModifiedDate</b>	datetime	NULL	NULL		3	Control	
<b>IsActive</b>	Bit	NULL	NULL		NULL	Control	

## Field Descriptions

Name	Description	Example
<b>CostItemId</b>	System generated id for Cost item	41371
<b>ProjectId</b>	System generated Project id	1,2,3
<b>OB_take_off_quantity</b>	Original budget take off qty	3.800000000000
<b>OB_MHrs</b>	Original budget man hour (including maintenance)	20.000000000000
<b>OB_labor_total_cost</b>	Total labor originally budgeted dollars	203.621359000000
<b>OB_construction_equipment_total_cost</b>	Total construction equipment originally budgeted dollars	0.000000000000
<b>OB_FOM_rented_equipment_total_cost</b>	Total field operated and maintained rented equipment originally budgeted dollars	0.000000000000
<b>OB_total_cost</b>	Original budget total cost to complete original scope of cost item	203.621359000000
<b>Forecast_(T/O)_quantity</b>	Actual take off quantity up to the last data update	0.170000000000
<b>CE_final_MHrs</b>	Up to date estimated employee hours to complete scope of cost item	4.85714285715
<b>CE_Mhrs/Unit</b>	Formula: CE total MHrs / Forecast (T/O) qty	28.57142857147
<b>CE_Units/MHr</b>	Formula: Forecast (T/O) qty / CE total MHrs	0.035000000000
<b>CB_total_quantity</b>	Total budget deliverable quantity	15.000000000000
<b>CB_total_MHrs</b>	Total budget employee hours to complete scope of cost item	5.000000000000
<b>CB_labor_total_cost</b>	Total budget dollars to complete the labor portion of cost item	203.621359000000
<b>CB_construction_equipment_total_cost</b>	Total FOM rented equipment budget dollars	0.000000000000
<b>CB_FOM_rented_equipment_total_cost</b>	Total construction equipment budgeted dollars to complete scope of cost item	0.000000000000
<b>CB_total_cost</b>	Total budget cost to complete scope of cost item	1140.000000000000

<b>CB_Mhrs/Unit</b>	Formula: CB total Mhrs / CB total qty	28.57142800000
<b>CB_Units/MHr</b>	Formula: CB total qty / CB total Mhrs	0.03500000070
<b>Qty_complete_(to_date)</b>	Actual quantity completed up to last data update	24.50000000000
<b>MHrs_(to_date)</b>	Actual employee hours up to last data update	138.50000000000
<b>Labor_total_cost_(to_date)</b>	Actual labor cost up to last data update	1280.60000000000
<b>Construction_equipment_total_cost_(to_date)</b>	Actual construction equipment cost up to last data update	0.00000000000
<b>FOM_rented_equipment_total_cost_(to_date)</b>	Actual rented equipment cost up to last data update	0.00000000000
<b>Total_cost_(to_date)</b>	Actual total costs up to last data update	1529.30000000000
<b>Mhrs/Unit_(to_date)</b>	Formula: Mhr (to date) / Qty complete (to date)	3.42592500000
<b>Units/MHr_(to_date)</b>	Formula: Qty complete (to date) / Mhr (to date)	0.29189100000
<b>UoM</b>	Unit of Measure Example- ea, lf, lm, cf, m3, etc.	Acre
<b>UoM_abb</b>	Abbreviation of the Unit of Measure	ACR
<b>Currency</b>	Example – USD, CAD, etc.	USD
<b>Currency_description</b>	Description of currency code	US Dollar
<b>ModifiedDate</b>	The date that the record was last changed in the system	2017-09-06 19:17:14.253
<b>IsActive</b>	When this field equals 0, then the record is no longer active and used in the project	Active = 1, Inactive = 0

## Sample

```
{
https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/SelfService_Control_Budget
[?$expand][&$filter][&$select][&$orderby][&$top][&$skip][&$count
}

```

## Data Validation

Project and Organization Data can be validated through the All Projects & Organizations view: