



Explore API Documentation

SelfService_Contract_PayformLineItem

Version 1.0

Last Modified: 11/14/2023



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	03/2/2020	Initial draft	Swadesh Subedi

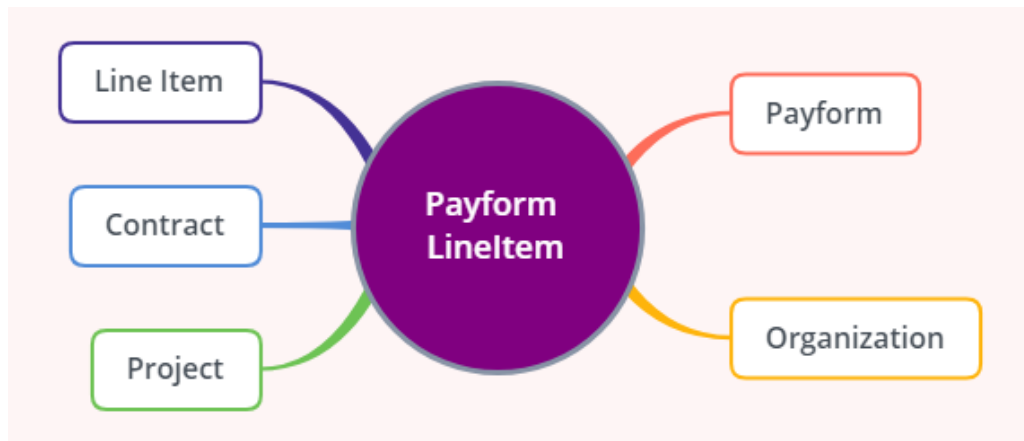
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Overview

The **Selfservice_Contract_PayformLineItem** API allows an authorized user to retrieve allocation information of payform to line items. It provides description about the payform along with the contract and project it belongs to. It also provides past, current and till date submission details of quantity and amount to the line items.

A single payform can be associated with multiple line items. Each line item can be tied to one or more WBS phase codes. This API can be integrated with Selfservice_Contract_LineItem and Selfservice_Contract_Payform.



Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality	Comment
PaymentRequestContractDetail (PRCD)	PaymentRequest(PR)	PR.PayformId = PRCD.PayformId	M:1	PayformId, PaymentRequestCode, PayformDescription
PaymentRequestContractDetail (PRCD)	ContractDetail(CD)	PRCD.ContractDetailId = CD.ContractDetailId =	M:1	ContractDetailId, LineItemCode, LineItemDescription, LineItemType
PaymentRequest(PR)	Contract(C)	PR.ContractId = C.ContractId	M:1	ContractId
Contract(C)	Project(P)	C.ProjectId = P.ProjectId	M:1	ProjectId, ProjectDisplay, ProjectName
ContractDetailCostItem(CDCI)	CostItem (CI)	CDCI.CostItemId = CI.CostItemId	1:M	WBS Phase codes

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_Contract_PayformLineItem	
API URL (QA)	https://t01in8-qa-191-sea.hds.ineight.com/ReportWebServices/OData/SelfService_Contract_PayformLineItem	
Data Refresh/Delta/Incremental Loads	This API supports incremental load by using the modified_date field as the determinant of last change to record/fields. Full refresh or data subset can be fetched using OData as well.	
Project Suite	Starting Version	V1.0
	Ending Version	

Supported Filters

All default OData filters are supported by this API.

Fields

Column Name	Data Type	Char Max Length	Numeric Precision	Numeric Scale	Date Precision	Is Nullable	PK
PaymentRequestContractDetailId	bigint	NULL	19	0	NULL	0	0
PayformId	bigint	NULL	19	0	NULL	1	0
PaymentRequestCode	nvarchar	50	NULL	NULL	NULL	1	0
PayformDescription	nvarchar	1000	NULL	NULL	NULL	1	0
PayformCreatedDate	date	NULL	NULL	NULL	0	1	0
ContractId	bigint	NULL	19	0	NULL	1	0
ContractTitle	nvarchar	4000	NULL	NULL	NULL	1	0
ProjectId	bigint	NULL	19	0	NULL	1	0
ProjectDisplay	nvarchar	200	NULL	NULL	NULL	1	0
ProjectName	nvarchar	300	NULL	NULL	NULL	1	0
ContractDetailId	bigint	NULL	19	0	NULL	1	0
LineItemCode	nvarchar	50	NULL	NULL	NULL	1	0
LineItemDescription	nvarchar	500	NULL	NULL	NULL	1	0
LineItemType	nvarchar	50	NULL	NULL	NULL	1	0
WBSPhaseCodes	nvarchar	4000	NULL	NULL	NULL	1	0
ActualQuantity	decimal	NULL	16	5	NULL	1	0

UoM	nvarchar	255	NULL	NULL	NULL	1	0
LineItemNetPrice	decimal	NULL	16	5	NULL	1	0
LineItemTax	decimal	NULL	16	5	NULL	1	0
PastQuantity	decimal	NULL	16	5	NULL	1	0
CurrentQuantity	decimal	NULL	16	5	NULL	1	0
UnitPrice	decimal	NULL	16	5	NULL	1	0
Per	int	NULL	10	0	NULL	1	0
CurrentGrossAmount	decimal	NULL	16	5	NULL	1	0
CurrentRetention	decimal	NULL	16	5	NULL	1	0
CurrentTax	decimal	NULL	38	10	NULL	1	0
QuantitySubmittedTillDate	decimal	NULL	16	5	NULL	1	0
AmountSubmittedTillDate	decimal	NULL	16	5	NULL	1	0
RetentionSubmittedTillDate	decimal	NULL	16	5	NULL	1	0
PercentComplete	decimal	NULL	16	5	NULL	1	0
IsActive	bit	NULL	NULL	NULL	NULL	0	0
ModifiedDate	datetimeoffset	NULL	NULL	NULL	7	1	0

Field Descriptions

Column Name	Description	Example
PaymentRequestContractDetailId	Unique identifier of a Payform line item.	13449
PayformId	Payform identifier.	11285
PaymentRequestCode	Payform request code. Starts with 0001.	0005
PayformDescription	User entered payform description.	Water service
PayformCreatedDate	Payform created date	4/11/2019
ContractId	Contract Id to which the payform belongs.	7200000011
ContractTitle	Contract title	Rental - Water service
ProjectId	Project Id of the contract.	40
ProjectDisplay	Project display number.	103541
ProjectName	Name of the project	Market Station
ContractDetailId	Unique identifier of a line item.	11807
LineItemCode	Line item code. Starts with 001 for each Contract.	002
LineItemDescription	Line item title.	Purified water
LineItemType	Line item Type	Material
WBSPhaseCodes	Comma separated WBS Phase codes	1214 – Expenses, 1119 – Miscellaneous
ActualQuantity	Line item quantity at the time of payform submission	40
UoM	Unit of measure	Ea
LineItemNetPrice	Line item net price	1350.00
LineItemTax	Line item tax	426.00
PastQuantity	Previous submissions quantity	35
CurrentQuantity	Quantity submitted on this submission	49
UnitPrice	Unit price for the quantity	12
Per	Number of quantity included in a unit price	1

CurrentGrossAmount	Net price submitted this submission	500.00
CurrentRetention	Retention amount in this submission	100.00
CurrentTax	Tax amount his submission	50.00
QuantitySubmittedTillDate	Quantity submitted till this date	25
AmountSubmittedTillDate	Amount submitted till this date	900.00
RetentionSubmittedTillDate	Retention submitted till this date	125.00
PercentComplete	Percent complete based on quantity submitted	25
IsActive	Indicates if the record is active or has been soft deleted	1 = Active 0 = Inactive
ModifiedDate	Last modified date from all fields	2020-02-27 06:09:02.5609765 +00:00

Sample

```
{
  "PaymentRequestContractDetailId":50,"PayformId":35,"PaymentRequestCode":"0001",
  "PayformDescription":"JR Barger Pay App 1","PayformCreatedDate":"2017-12-13",
  "ContractId":7200000019,"ContractTitle":"103487 JR Barger and Sons",
  "ProjectId":28,"ProjectDisplay":"103487",
  "ProjectName":"Core Bank Corporate Headquarters",
  "ContractDetailId":146,"LineItemCode":"0001",
  "LineItemDescription":"Concrete and Architectural Concrete",
  "LineItemType":"Material",
  "WBSPhaseCodes":"1218 - JR Barger Subcontract",
  "ActualQuantity":755195.00000,"UoM":"Ea",
  "LineItemNetPrice":755195.00000,"LineItemTax":0.00000,
  "PastQuantity":0.00000,"CurrentQuantity":50692.00000,
  "UnitPrice":1.00000,"Per":1,"CurrentGrossAmount":50692.00000,
  "CurrentRetention":5069.20000,"CurrentTax":0.0000000000,
  "QuantitySubmittedTillDate":50692.00000,
  "AmountSubmittedTillDate":50692.00000,
  "RetentionSubmittedTillDate":null,
  "PercentComplete":6.71243,"IsActive":true,
  "ModifiedDate":"2018-12-11T15:27:25.9471374Z"
}
```

Data Validation

The Payform Line Item tab shows the line item detail and the submission details for the payform.

Contracts > 7400001831 - Test PO > Payment form 0001		USD \$				
Net payable	Remaining to allocate (pre-tax)	Previous gross	Current gross	To-date gross	Percentage complete	Payment form status
\$10.45	\$0.00	\$0.00	\$11.00	\$11.00	0.04%	Submitted

DETAILS		INVOICE ATTACHMENTS		LINE ITEMS											
Lineitem ID	Type	Description	Quantity	UoM	Price	Per	Previous submissions		This submission				Submissions to date		
							Quantity	Net price	Quantity	Net price	Tax	Retention am.	Quantity	Net price	Percent Comp.
0001	Material	Material	1,111.000	Ea	\$1.00	1	0.000	\$0.00	5.000	\$5.00	\$2.90	\$0.25	5.000	\$5.00	0.45 %
0002	Service	Service	1,231.000	Ea	\$1.00	1	0.000	\$0.00	6.000	\$6.00	\$3.24	\$0.30	6.000	\$6.00	0.49 %