



Explore API Documentation

SelfService_Core_ProjectEquipment

Version 1.1

Last Modified: 10/24/2023

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	12/17/2019	Initial draft	Natalie Takacs
1.1	4/5/2021	Added vendor information and Equipment Display at 20.11.14 and above and updated join information	Natalie Takacs
1.1	11/4/2022	Added Relationships and sample	Litzy Mora

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Overview

The Core Project Equipment API captures information about project employees from the Equipment tab in the Assigned Operational Resources screen (screen shot below). The data contained in this API includes information about equipment rate, cost, ownership, type, category, valuation, and regulation.

**Please note that the SelfService_Core_ProjectEquipmentVersion API contains the same column list, the only difference is that the Version API contains historical records and the time in which they were active.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality ¹
SelfService_ Core_ProjectEquipment (PE)	SelfService_Plan _DailyPlanHoursResourceVersions (DPH)	PE.EquipmentDisplay= DPH.EquipmentDisplay	1:M
SelfService_ Core_ProjectEquipment (PE)	SelfService_Plan_Timecard (TC)	PE.ProjectId= TC.ProjectId	1:M

Core_ProjectEquipment



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

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

Average Payload Size		Depends on date range selected
APIM Name		SelfService_Core_ProjectEquipment
Data Refresh/Delta/Incremental Loads		The data in this API is on a trigger-based refresh, fresh data should appear in 5 minutes or less.
Project Suite	Starting Version	22.8
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxLen gth	NumericPrecis ion	DatePrecisi on	Produ ct	P K
ProjectEquipmentId	Bigint	Null	19	Null	Core	X
ProjectId	Bigint	Null	19	Null	Core	
EquipmentId	Bigint	Null	19	Null	Core	
EquipmentDisplay	Nvarchar	1000	Null	Null	Core	
EquipmentDescription	Nvarchar	225	Null	Null	Core	
OwnershipTypeId	Bigint	Null	19	Null	Core	
OwnershipTypeName	Nvarchar	100	Null	Null	Core	
Manufacturer	Nvarchar	200	Null	Null	Core	
ConstructionYear	Int	Null	19	Null	Core	
SerialNumber	Nvarchar	50	Null	Null	Core	
AquisitionValue	Decimal	Null	16	Null	Core	
DoTRegulated	Varchar	3	Null	Null	Core	
UnitCost	Decimal	Null	16	Null	Core	
UOMId	Bigint	Null	19	Null	Core	
UOMName	Nvarchar	255	Null	Null	Core	
EquipmentCategoryId	Bigint	Null	19	Null	Core	
EquipmentCategoryDescription	Nvarchar	255	Null	Null	Core	
EquipmentTypeId	Bigint	Null	Null	Null	Core	
EquipmentTypeDescription	Nvarchar	255	Null	Null	Core	
VendorId	Bigint	Null	19	Null	Core	
VendorName	Nvarchar	250	Null	Null	Core	
ProjectStartDate	Datetimeoffset	Null	Null	7	Core	
ProjectEndDate	Datetimeoffset	Null	Null	7	Core	
ModifiedDate	Datetimeoffset	Null	Null	7		
IsActive	Bit	Null	Null	Null		

Field Descriptions

Name	Description	Example
ProjectEquipmentId	Unique identifier for project equipment assigned on back end	5392
ProjectId	Unique identifier assigned to a project	218
EquipmentId	Company generated unique identifier assigned to a piece of equipment, master data	2
EquipmentDescription	Text description of make/model of equipment	CATERPILLAR-349F L FG
EquipmentDisplay	Identification number assigned to each piece of equipment and displayed in the application	137318
OwnershipTypeId	Numeric code identifying if the piece of equipment is owned or rented	1
OwnershipTypeName	Text indicating if the piece of equipment is owned or rented	Owned
Manufacturer	Text name of the manufacturer of the piece of equipment	FORD
ConstructionYear	Indicates the year the piece of equipment was built	2002
SerialNumber	Serial number on piece of equipment	HD100357
AquisitionValue	Initial rate/purchase price; or current rate/purchase price; depends how company uses the field	100000.00
DoTRegulated	Text indicator if the piece of equipment is DoT regulated	Yes
UnitCost	Cost per unit of measure	500.00
UOMId	Unique identifier of the unit of measure for that piece of equipment	10
UOMName	Text description of the unit of measure for the piece of equipment	Hour
EquipmentCategoryId	Unique identifier associated to the category assigned to the piece of equipment	15
EquipmentCategoryDescription	Text description of the category assigned to the piece of equipment	Trailers
EquipmentTypeId	Unique identifier associated to the type assigned to the piece of equipment	354
EquipmentTypeDescription	Text description of the type assigned to the piece of equipment	Truck small flatbed

VendorId	Unique identifier associated to a vendor associated to piece of equipment	66123
VendorName	Name of vendor associated to the piece of equipment	Equipment Vendor 1
ProjectStartDate	Start date for a piece of equipment on a project, this must fall within the Project's start and end dates	2018-04-01 00:00:00.0000000 +00:00
ProjectEndDate	End date for a piece of equipment on a project, this must fall within the Project's start and end dates	2019-09-13 00:00:00.0000000 +00:00
ModifiedDate	Timestamp the record was modified on	2019-01-23 02:41:33.6769165 +00:00
IsActive	Indicator if the record is active or inactive	1

Sample

```
{
  "ProjectEquipmentId":1,"ProjectId":1,"EquipmentId":3028,"EquipmentDisplay":"159116","EquipmentDescription":"FORD-FUSION AWD",
  "OwnershipTypeId":1,"OwnershipTypeName":"Owned","Manufacturer":"FORD","ConstructionYear":null,"SerialNumber":"3FA6P0T93FR282696",
  "AquisitionValue":0.00000,"DoTRegulated":"No","UnitCost":0.00000,"UOMId":10,"UOMName":"Hour","EquipmentCategoryId":1,
  "EquipmentCategoryDescription":"SEDANS","EquipmentTypeId":275,"EquipmentTypeDescription":"Sedan","VendorId":null,
  "VendorName":null,"ProjectStartDate":null,"ProjectEndDate":null,"ModifiedDate":"2021-10-08T13:40:06.559132Z",
  "IsActive":false }
```

Data Validation

Master data libraries > Operational resources > Equipment

Equipment ID	Description	Ownership	Rate code	Unit cost	UoM	Parent category > model/type	Equipme..	Equipme..	Equipme..	Cost center
110326	110326	Owned		\$0.00000	Hour	0312 - TRUCKS > 03-94 - Truck Yard Transfer			Yes	
121215	SHOP BUILT-CONEX 20'	Owned		\$0.00000	Hour	24 - MOBILE BUILDINGS > 24-26 - Van Sea/Connex			Yes	
121313	SHOP BUILT-20' CUSTOM CONEX	Owned		\$0.00000	Hour	24 - MOBILE BUILDINGS > 24-26 - Van Sea/Connex			Yes	
122269	XTREME-XR3034	Owned		\$0.00000	Hour	48 - LIFT TRUCKS & TELEHANDLERS > 48-30 - Extendable ...			Yes	
123785	FORD-F-150 SUPERCAB	Owned		\$0.00000	Hour	02 - PICKUPS_info panel > 02-08 - Pickup 1/2 Ton 4X4			Yes	
123791	FORD-EXPLORER	Owned		\$0.00000	Hour	02 - PICKUPS_info panel > 02-05 - SUV Mid Size			Yes	
123794	FORD-F-250	Owned		\$0.00000	Hour	02 - PICKUPS_info panel > 02-12 - Pickup 3/4 Ton 4X4			Yes	
137831	TADANO-GR-1000XL-2	Owned		\$0.00000	Hour	15 - CRANES > 15-10 - Crane RT 100-110 Ton			Yes	
150638	150638	Owned		\$0.00000	Hour	15 - CRANES > 15-10 - Crane RT 100-110 Ton			Yes	
159183	159183	Owned		\$0.00000	Hour	02 - PICKUPS_info panel > 02-08 - Pickup 1/2 Ton 4X4			Yes	
160110	160110	Owned		\$0.00000	Hour	21 - WELDERS > 21-11 - Welder 700-800 Amp D			Yes	