



Explore API Documentation

SelfService_Core_Equipment
Version 1.0

Last Modified: 10/24/2023

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	09/16/2021	Initial draft – This API doc will serve as the documentation for both the SelfService and Explore CoreEquipment API. The difference is that the SelfService view include all records, while the Explore view includes only active records. The SelfService view has two extra fields because of this (Modified Date and IsActive).	Chase Denton
1.1	11/8/2022	Added relationships and sample	Litzy Mora

Contents

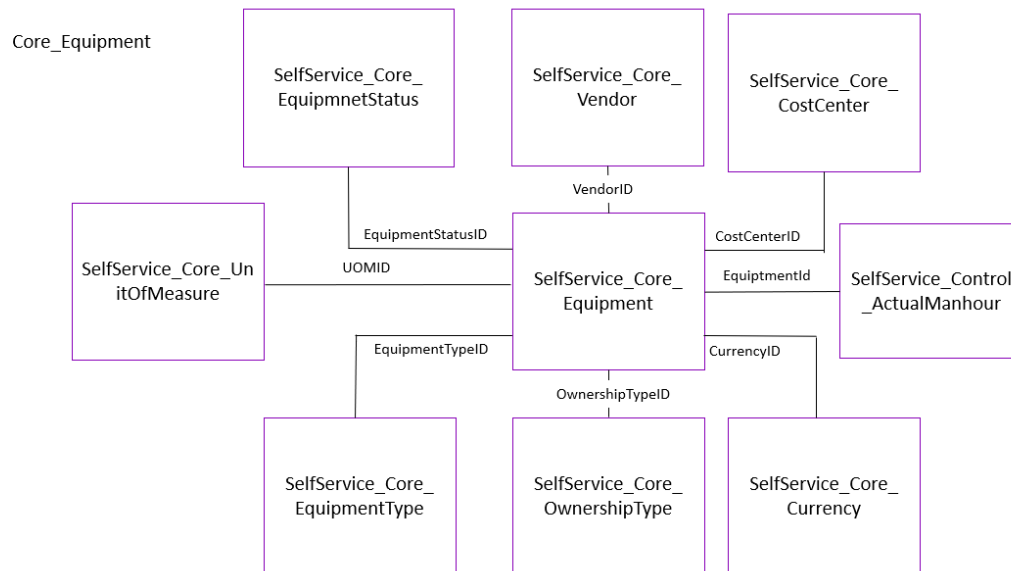
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Overview

The **SelfService_Core_Equipment** API is intended to provide your organization’s information on equipment.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality	Comment
Core_Equipment (E)	Core_Equipment Status (ES)	ES.EquipmentStatusId = E.EquipmentStatusId	1:M	
Core_Equipment (E)	Core_Equipment Type (ET)	ET.EquipmentTypeId = E.EquipmentTypeId	1:M	
Core_Equipment (E)	Core_Ownership Type (OT)	OT.OwnershipTypeId = E.OwnershipTypeId	1:M	
Core_Equipment (E)	Core_Currency (C)	C.CurrencyId = E.CurrencyId	1:M	
Core_Equipment (E)	Core_UnitOfMeasure (UOM)	UOM.UOMId = E.UOMId	1:M	
Core_Equipment (E)	Core_Vendor (V)	V.VendorId = E.VendorId	1:M	
Core_Equipment (E)	Core_CostCenter (CC)	CC.CostCenterId = E.CostCenterId	1:M	
Core_Equipment (E)	Control_Actual ManHours	E.EquipmentId= AM.EquipmentId	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_Core_Equipment	
API URL (QA)	https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/SelfService_Core_Equipment	
Source Data Table Kind	ODS Table	
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

Column Name	Data Type	Char Max Length	Numeric Precision	Numeric Scale	Date Precision	Is Nullable	PK
EquipmentId	Bigint	Null	Null	Null	Null	N	X
EquipmentStatusId	Bigint	Null	Null	Null	Null	Y	
EquipmentStatusName	Nvarchar	50	Null	Null	Null	Y	
EquipmentStatusDescription	Nvarchar	250	Null	Null	Null	Y	
EquipmentDisplay	Nvarchar	100	Null	Null	Null	Y	
EquipmentDescription	Nvarchar	255	Null	Null	Null	Y	
EquipmentTypeId	Bigint	Null	Null	Null	Null	Y	
EquipmentTypeDisplay	Nvarchar	Null	Null	Null	Null	Y	
EquipmentTypeDescription	Nvarchar	Null	Null	Null	Null	Y	
OwnershipTypeId	Bigint	255	Null	Null	Null	Y	
OwnershipTypeName	Nvarchar	250	Null	Null	Null	Y	
Manufacturer	Nvarchar	255	Null	Null	Null	Y	
ConstructionYear	Int	Null	Null	Null	Null	Y	
SerialNumber	Nvarchar	50	Null	Null	Null	Y	
AquisitionValue	Decimal	Null	16	5	Null	Y	
UnitCost	Decimal	Null	16	5	Null	Y	
CurrencyId	Bigint	Null	Null	Null	Null	Y	
CurrencyName	Nvarchar	250	Null	Null	Null	Y	
CurrencyCode	Nvarchar	50	Null	Null	Null	Y	
UOMId	Bigint	Null	Null	Null	Null	Y	
UOMName	Nvarchar	Null	Null	Null	Null	Y	
VendorId	Bigint	Null	Null	Null	Null	Y	
VendorDisplayId	Nvarchar	Null	Null	Null	Null	Y	
VendorName	Nvarchar	250	Null	Null	Null	Y	
CostCenterId	Bigint	Null	Null	Null	Null	Y	
CostCenterDisplayId	Nvarchar	50	Null	Null	Null	Y	
CostCenterDescription	Nvarchar	250	Null	Null	Null	Y	

Location	Nvarchar	250	Null	Null	Null	Y	
IsAvailableDailyPlan	Bit	Null	Null	Null	Null	Y	
ModifiedDate	Date	Null	Null	Null	7	Y	
IsActive	Bit	Null	Null	Null	Null	Y	

Field Descriptions

Name	Description	Example
EquipmentId	Unique identifier for an equipment	115
EquipmentStatusId	System generated code for the status of the equipment	1
EquipmentStatusName	Name of the equipment status	Available
EquipmentStatusDescription	Description of the type of equipment status	Indicates that the equipment is not available to be assigned to a project.
EquipmentDisplay	Display code for the equipment	126632
EquipmentDescription	Description of the equipment	CATERPILLAR-D8T
EquipmentTypeId	System generated code for equipment type	406
EquipmentTypeDisplay	Display code for the equipment's type	05-18
EquipmentTypeDescription	Description for the type of equipment	Skip Ldr, Bx Blade
OwnershipTypeId	Identifier for the type of ownership	1
OwnershipTypeName	Name of the ownership type	Owned
Manufacturer	Text value for the company who manufactured the equipment	CATERPILLAR
ConstructionYear	Year of construction	2020
SerialNumber	System generated code to distinguish the piece of equipment	7WJ00059
AquisitionValue	Amount the equipment was bought for	0
UnitCost	Cost per unit	0
CurrencyId	Identifier for the currency	1
CurrencyName	Name of the currency	US Dollar
CurrencyCode	Code for the type of currency	USD
UOMId	Identifier for unit of measure	53
UOMName	Name of the unit of measure	Hr
VendorId	Identifier for the vendor	1
VendorDisplayId	Display Id for the vendor	0000001013
VendorName	Name of the vendor	Kiewit Management Co.
CostCenterId	Identifier for the cost center	7
CostCenterDisplayId	Display Id of the cost center	ATest1
CostCenterDescription	Description of the cost center	ATest1
Location	Location of the equipment	Los Angeles
IsAvailableDailyPlan	1 or 0, 1 if the equipment is available on a daily plan	1
ModifiedDate	Date the record was last modified	2021-08-13 05:04:48.1501257 +00:00
IsActive	1 or 0, 1 if the equipment is active	1

Sample

```
{ "EquipmentId":1,"EquipmentStatusId":2,"EquipmentStatusName":"Unavailable","EquipmentStatusDescription":"Indicates that the equipment is not available to be assigned to a project.,"EquipmentDisplay":"171058","EquipmentDescription":"JOHN DEERE-USED-764 HSD","EquipmentTypeId":399,"EquipmentTypeDisplay":"05-10","EquipmentTypeDescription":"Dozer 151-210 HP","OwnershipTypeId":1,"OwnershipTypeName":"Owned","Manufacturer":"JOHN DEERE","ConstructionYear":null,"SerialNumber":"1T00764XVED272282","AquisitionValue":0.00000,"UnitCost":0.00000,"CurrencyId":2,"CurrencyName":"Canadian Dollar","CurrencyCode":"CAD","UOMId":53,"UOMName":"Hr","VendorId":null,"VendorDisplayId":null,"VendorName":null,"CostCenterId":null,"CostCenterDisplayId":null,"CostCenterDescription":null,"Location":null,"IsAvailableDailyPlan":true,"ModifiedDate":"2021-11-09T16:46:09.8397861Z","IsActive":true}
```

Data Validation

Master Data libraries > Operational resources > Equipment

Category ID	Description	Created by	Created on	Last modified by	Last modified on
01	SEDANS	Service Account	02/02/2017 2:18:49 PM	Service Account	02/02/2017 2:18:49 PM
02	PICKUPS	Service Account	02/02/2017 2:18:49 PM	Service Account	08/24/2020 1:21:24 PM
03	TRUCKS	Service Account	02/02/2017 2:18:49 PM	Service Account	02/02/2017 2:18:49 PM
04	TRAILERS	Service Account	02/02/2017 2:18:49 PM	Service Account	02/02/2017 2:18:49 PM
05	CRAWLER TRACTORS	Service Account	02/02/2017 2:18:50 PM	Service Account	02/02/2017 2:18:50 PM
06	WHEEL TRACTORS	Service Account	02/02/2017 2:18:50 PM	Service Account	02/02/2017 2:18:50 PM
08	MOTOR GRADERS	Service Account	02/02/2017 2:18:50 PM	Service Account	02/02/2017 2:18:50 PM
09	SOIL AUGERS & TEST DRILLS	Service Account	02/02/2017 2:18:50 PM	Service Account	02/02/2017 2:18:50 PM
10	EXCAVATORS	Service Account	02/02/2017 2:18:50 PM	Service Account	02/02/2017 2:18:50 PM
11	ROLLERS	Service Account	02/02/2017 2:18:59 PM	Service Account	02/02/2017 2:18:59 PM
12	SCRAPERS	Service Account	02/02/2017 2:18:59 PM	Service Account	02/02/2017 2:18:59 PM
13	DOZERS BLADES & ROCK RAKES	Service Account	02/02/2017 2:18:59 PM	Service Account	02/02/2017 2:18:59 PM
14	RIPPERS, PLOWES & DISCS	Service Account	02/02/2017 2:18:59 PM	Service Account	02/02/2017 2:18:59 PM
15	CRANES	Service Account	02/02/2017 2:18:59 PM	Service Account	02/02/2017 2:18:59 PM
16	BUCKETS	Service Account	02/02/2017 2:18:59 PM	Service Account	02/02/2017 2:18:59 PM
17	TANKS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
18	MOBILE SHOP BUILDINGS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
19	OFF-HIGHWAY TRUCKS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
20	AIR COMPRESSORS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
21	WELDERS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
22	GENERATORS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
23	WATER PUMPS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
24	MOBILE BUILDINGS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
25	SPREADERS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
26	ASPHALT HEATERS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM
27	ASPHALT PLANTS	Service Account	02/02/2017 2:18:54 PM	Service Account	02/02/2017 2:18:54 PM