REST API Documentation

This document provides a comprehensive overview of the RESTful API for our service. It includes details on endpoints, authentication, request/response formats, and best practices for integration.

1. Overview

Our API is a RESTful service that allows external applications to interact with our platform's data and functionality. It uses standard HTTP methods, status codes, and JSON format for data exchange.

- **Base URL:** [*https://4129093.restlets.api.netsuite.com/app/site/hosting/restlet.nl?script=10293&deploy=1*]
- **Authentication:** All requests must be authenticated using an API key in the `Authorization` header.
- **Rate Limits:** -

2. Authentication

Access to the API requires an API key, which must be included in the `Authorization` header of every request.

Header Format:

`Authorization: Bearer [Your-API-Key]`To request a new API key, please contact ⌂ Person or refer to the Developer Portal at 🗋 File .

3. Endpoints

The following table summarizes the available API endpoints.

Resource	Method	Path & Parameter	Description
Customers	GET	`waType=customer`	Retrieve a list of all Customers.
Customer	GET	`waType=customer&waId={customerid}`	Retrieve a specific Customer by ID.
Items/Products	GET	`waType=item`	Retrieve a list of all Items/Products.
Item/Product	GET	`waType=item&waId={itemid}`	Retrieve a specific Item/Product by ID.
Employees/Users	GET	`waType=user`	Retrieve a list of all Users.
Employee	GET	`waType=user&waId={userid}`	Retrieve a specific user/employee by ID.
Subsidiaries	GET	`waType=subsidiary`	Retrieve a list of all Subsidiaries
Subsidiary	GET	`waType=subsidiary&waId={subsidiaryid}`	Retrieve a specific Subsidiary by ID

4. Request and Response Formats

Request Headers

All requests should include the `Content-Type` header when sending a request body (e.g., GET,).

Header	Value	Description
`Content-Type`	`application/json`	Specifies the format of the request body.
`Accept`	`application/json`	Specifies the desired format of the response body.

Response Codes

The API uses standard HTTP status codes to indicate the success or failure of a request.

Code	Status	Description
200	OK	The request was successful.
201	Created	A new resource was created successfully.
204	No Content	The request was successful, but there is no response body to send (e.g., DELETE).
400	Bad Request	The request was malformed or invalid. Check your request body or parameters.
401	Unauthorized	Authentication failed. Check your API key.
403	Forbidden	You do not have permission to access this resource.
404	Not Found	The requested resource does not exist.
500	Internal Server Error	An unexpected error occurred on the server.

Example & JSON Structure:

Get Customer By ID

Request

```
None
GET [API Base URL]&waType=customer&waId=102788
Authorization: oauth 1.0
```

Response (200 OK)

None

```json
[
    {
        "internalid": "102788",//Netsuite Internal ID
        "entityid": "001B004",//Unique ID for Customer
        "companyname": "INME BERANTEVILLA, S.L.", //Customer Name
        "email": "jp@inmebe.com",
        "phone": "945 337 313",
        "entitystatus": "30",
        "salesrep": "35996",
        "url": "",
        "category": "2",
        "categoryname": "End User",
        "custentity_nbs_intsalrep": "35996",
        "custentity_wag_industryclass_prime": "33", //industry id
        "custentity_wag_industryclass_primename": "Workshops", // industry name
        "address": "INME BERANTEVILLA, S.L.\nPol.Ind.La Corzanilla, Parcela P-6\n01218 BERANTEVILLA \nÁlava \nEspaña",
        "addressee": "INME BERANTEVILLA, S.L.",
        "balance": ".00",
        "billcountrycode": "ES",
        "billzipcode": "01218",
        "altphone": "",
        "fax": "",
        "vatregnumber": "ESB01240423",
        "custentity_wa_country_customer": "68",
        "subsidiarynohierarchy": "97",
        "subsidiarynohierarchyname": "Ad Antidesgast Wear Technology, S.L.",
        "statedisplayname": "Álava",
        "currency": "4",
        "currencyname": "EUR",
        "title": "",
        "shipcountrycode": "ES",
        "zipcode": "01218"
    }
]
```

None

Get Item By ID

Request

```
None
GET [API Base URL]&waType=item&waId=104992
Authorization: oauth 1.0
```

Response (200 OK)

```
None
[
    {
        "internalid": "104992",// netsuite internal id
        "itemid": "(E) Bentonite Mixing-OH",//product or item name
        "displayname": "",
        "baseprice": "",
        "type": "OthCharge",
        "unitstype": "",
        "unitstypename": "",
        "stockunit": "",
        "stockunitname": "",
        "purchaseunit": "",
        "purchaseunitname": "",
        "saleunit": "",
        "saleunitname": "",
        "consumptionunit": "",
        "consumptionunitname": "",
        "description": "",
        "custitemwag_itemdescription2": "",
        "custitem_nbs_printeditemnumber": "(E) Bentonite Mixing-OH",
        "upccode": "",
        "custitem_wa_us_3rd_item_no": "",
        "custitem_waw_bomtype": "",
        "custitem_wag_oldwirenumber": ""
    }
]
```

Get User Employee by ID

Request

```
None
GET [API Base URL]&waType=user&waId=39044
Authorization: oauth 1.0
```

Response (200 OK)

```
None
[
    {
        "internalid": "39044",// Netsuite Internal id
        "firstname": "Prod Worker SB Overtime 100 %",
        "middlename": "",
        "lastname": "",
        "email": "",
        "phone": ""
    }
]
```

Get Subsidiary by ID

Request

```
None
GET [API Base URL]&waType=subsidiary&waId=89
Authorization: oauth 1.0
```

Response (200 OK)

```
None
[
    {
        "internalid": "89",//netsuite subsidiary internal id
        "name": "Ultra Alloys Holdings Pte. Ltd.",//subsidiary name
```

```
        "namenohierarchy": "Ultra Alloys Holdings Pte. Ltd.",//subsidiary
name
        "currency": "4",
        "currencyname": "EUR",//currency name
        "country": "SG",
        "countryname": "Singapore",
        "custrecord_wag_reportingregion": "7",
        "custrecord_wag_reportingregionname": "Group"
    }
]
```

5. Error Handling

When an error occurs, the API returns an appropriate HTTP status code and a JSON response body containing details about the error.

Example Error Response (400 Bad Request)

```
None
{
  "status": "error",
  "details":"Parameter "waType" must be either customer, item,user or
subsidiary"

}
```

6. Best Practices

1. **Use HTTPS:** All API calls must be made over HTTPS for security.
2. **Handle Status Codes:** Always check the HTTP status code before processing the response body.
3. **Client Libraries:** We recommend using official client libraries (available at ⬚ File) where possible to simplify integration.
4. **Stay Updated:** API changes and announcements are shared in the developer mailing list. Sign up via the Developer Portal at ⬚ File .
5. **Location data:** When submitting location data, please use standard geographical coordinates or recognized format, for example when submitting a new business location to ⊙ Place .

For support, please attend our weekly API support meeting: 🗓 Calendar event .