



# Tevalis API Documentation

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V2.0

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## Introduction

This document describes the Tevalis API. This API is based on a RESTful service and can be accessed with any programming language.

[https://en.wikipedia.org/wiki/Representational\\_state\\_transfer](https://en.wikipedia.org/wiki/Representational_state_transfer)

## Disclaimer

Tevalis reserves the right to view and comment on any code that accesses the API for review, certification and testing. By using the API you agree to this condition.

## API Information

The API is located at <https://api.tevalis.com>

### REST HTTP Verbs

In a rest service, HTTP verbs are mapped to the operations for an object.

HTTP Verb	Operation
GET	Get
POST	Add
PUT	Update

### Request & Response Format

This REST API will accept well-formatted XML & JSON requests. The corresponding response will be sent in the same format. This can be selected by changing the Content-Type HTTP header. XML is used as the default format.

Content-Type: application/xml

Content-Type: application/json

### Sample GET Action

GET <https://api.tevalis.com/Sites>

Parameter	Type	Description
CompanyId	Integer	Requested identifier

### Sample XML Response

```
<ArrayOfSite xmlns:i="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://schemas.datacontract.org/2004/07/Tevalis.API.App.Models">
  <Site>
    <Name>sample string 2</Name>
    <SiteID>1</SiteID>
  </Site>
</ArrayOfSite>
```

### Sample JSON Response

```
[
  {
    "SiteID": 1,
    "Name": "sample string 1"
  }
]
```

## HTTP Exceptions

As well as the successful HTTP response codes, the REST API can return multiple exception/fault responses.

HTTP Code	Message	Description
400	Bad Request	Malformed / missing data in request
401	Unauthorised	The resource request cannot be accessed with the security parameters given.
403	Forbidden	The server understood the request and the request is authorized, but is refusing to fulfill it (permissions/data error)
404	Not Found	Resource cannot be found
500	Server Exception	An unhandled exception is returned by the server.

<http://www.w3.org/Protocols/rfc2616/rfc2616-sec10.html>

## Fault Response

The REST API can return more information on the error that occurred during processing a request. The extra information returned is usually the message from the exception that has occurred during processing.

## Security

If you wish to program against this API for document or production, you must contact Tevalis to obtain a unique GUID and developer ID, (email [support@tevalis.com](mailto:support@tevalis.com)).

The GUID and DeveloperID must be present in the HTTP Header of the request. These fields are used to validate the company and developer.

There is an additional GUID2 field that is required for updating points, to be granted access at the discretion of tevalis.

Header Parameter	Type	Notes
CompanyId	Integer	Requested company identifier
GUID	String	
DevID	String	
GUID2	String	Required for PUT, POST and DELETE.

## Sales and Attendance

<https://api.tevalis.com/Help/Index?Section=SalesAttendance>

For access to Sales data, we expose the report data-sources that currently build up reports in the business analytics section of Tevalis.

We also provide attendance data should you wish to see provide staff management information.

## Online Orders

<https://api.tevalis.com/Help/Index?Section=OnlineOrders>

For more information about Online Orders, please see the Tevalis API Online Ordering Guide, which contains more information.

## Stock endpoints

<https://api.tevalis.com/Help/Index?Section=Stock>

For access to Stock data, we expose the report data-sources that currently build up reports in the Stock management reporting section of Tevalis.

We additionally expose some endpoints to allow further access to parts of the Tevalis Stock system.

## Reservations

<https://api.tevalis.com/Help/Index?Section=Reservations>

For more information about reservation systems, please see the Reservation Documentation which contains more information.

## Accounts Integrations

<https://api.tevalis.com/Help/Index?Section=AccountsIntegrations>

We currently expose just the CSV Reservation to allow third party providers to pull Tevalis Accounts information into your accounting system. Currently, we do not expose any other Accounts integration type. For more information on setting up the CSV integration, please see the documentation in the Integrations page on the portal.

## Pushing Users into Tevalis

<https://api.tevalis.com/Help/Index?Section=CentralisedUsers>

If Centralised Users is enabled, it's possible to push users into Tevalis from a third-party system. This is done via the Post and Put methods to Create/Update users. A User must have a User Level, as this is what defines their permissions in the EPOS system.