



# Woffu API Guide

Users: basic concepts and most used endpoints

## Element identifiers for use by endpoints

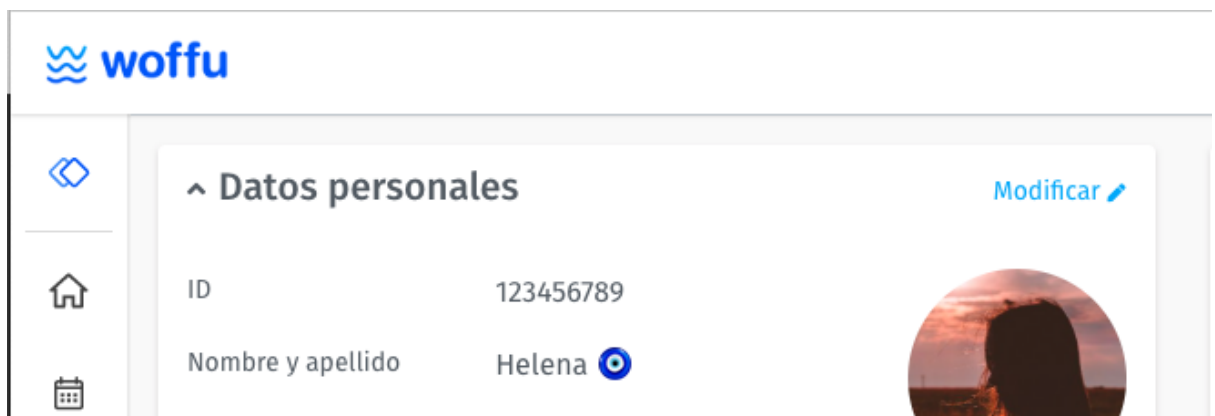
To identify most elements within Woffu, public API endpoints usually have two variants, which accept two different parameters : \_\_Key or \_\_Id.

For the specific case of **users**:

- **UserKey**

External identifier of the user, data configurable by the administrator and must be unique within the company; therefore, when it is used, the companyId is always added because the *UserKey* can be in different companies.

Within the platform, it can be found in a user's profile with the **ID name**, in the Personal Data section.



- **UserId**

Internal identifier of the user. Automatically generated data, not configurable, unique within the platform. From the API, it can be consulted by calling the GET of the list of users.

For the specific case of **contracts**:

- **ContractKey**

Identifier of the company's own contract. Initially, it is configured in the public API, with the PUT variant of a contract using the ContractId.

- **ContractId**

Woffu's internal contract identifier. It must match the one indicated in the url, otherwise an error will be returned.

## User states

In Woffu, users can have two states that are complementary. The combination of both generates different scenarios:

### *Activate*

- True:  
The user is active. You can access the platform and perform any action that your role allows.
- False:  
The user is Inactive. You do not have access to the platform but administrators can work with your data normally. Including registering signings or employee requests.

### *Deleted*

- True:  
The user is suspended. You cannot access the platform and your data is only available for consultation through reports or APIs. Changes to your data cannot be recorded.
- False:  
The employee is not suspended. You may or may not be able to access the platform depending on your Active status.

	Does the user have access to the platform?	An administrator can check his/her data?	An administrator can edit his/her data?	Status of the user within the platform
<b>Active</b>				
true	Yes	Yes	Yes	Active
false	No	Yes	Yes	Inactive
<b>Deleted</b>				
true	No	Yes	No	Suspended
false	Depending on their status Active			Depending on their status Active

## Possible actions on the status of a user

- **Activate a user**

Pass their state *Active* from false to true allowing access to the platform. Unless these notifications have been deactivated, at the time of activation the user will receive a welcome email that will allow them to assign their access password.

- **Deactivate a user**

Change their *Active* from true to false, blocking their access to the platform. This action can only be performed through the API, not from the platform.

- **Suspend a user**

Change its *Deleted* from false to true. By doing so, the user's access to the platform will be blocked, their registered email will be modified allowing it to be used by another user or in another company. This action can be performed from the API or from the platform itself. The user is no longer taken into account for Woffu billing.

- **Retrieve a user**

Change its *Deleted* from true to false. By doing so, the user will be able to use the platform again or not depending on their *Active* status. The user's previous data is kept except for the email that must be manually modified. The user is once again taken into account for Woffu billing.

# Roles

In Woffu, the Role entity determines the actions users can take within the platform and the visibility they have over the data.

## Generic roles

- **User**

Default role for Woffu users, the user has access to their own data. Depending on the visibility settings, you can also have access to the calendar of absence and presence of other users.

- **Responsible**

In addition to the functions and data of the "User" role, the managers have access to the data of all the users of their team (all those who have them as responsible).

The visible data includes all those included in the user profile, presence control (schedule, signings, etc.), absence and attendance calendar and the list of requests from these employees, since it is in charge of approving or denying them.

- **Administrator**

They have access to all company data, including data related to users and company settings.

In the event that the company has offices, an administrator can move between the different offices that are hierarchically below his company. An administrator of the main headquarters will be able to move between all the headquarters of the company.

- **center**

administrator is really a variant of the person in charge who has access to the data of all the users that are associated with his work center.

All these employees are considered your Team and have access to your data (those indicated in the responsible role) without being your manager. You can act on these users as if you were an administrator.

- **Supervisor**

Not really a role, the supervisor is a type of user that only exists when the company has double validation of requests configured. The supervisors validate the requests that the person in charge has previously accepted. You have access to the same information as a manager about the users who have you as a supervisor.

## **Custom roles**

Within the platform, new roles can be created, always based on the default roles, these are variants that add or subtract permissions to the role on which they are created.

## **Default role**

You can choose which role the users created in the company will have by default, normally it is the user role, but if the company creates a customized variant of this role, it can decide that this is the default role.

# Endpoints used

## Users: Endpoints used

**GET**    **/api/v1/users**

Returns the list of company users

**GET**    **/api/v1/users/{id} o /api/v1/users/key/{userKey}**

Returns the data of a user by UserId or by UserKey, depending on the variant used.

**POST**    **/api/v1/users**

It is used to register a new user in Woffu

## Parameters

Parameter	Type	Description
Email	Text (mail format) <b>REQUIRED</b>	It must be a valid email and does not previously exist in Woffu
UserKey	Text (a-zA-Z0-9_-)	The employee code inside of the company. It can be used later to identify employees through the API. It must be unique at the company level
FirstName	Text <b>REQUIRED</b>	Name of the employee
LastName	Text	Surname of the employee
CompanyId	Numeric <b>REQUIRED</b>	Internal identifier in Woffu of the company. If not indicated, the name of the user with whom the call is being made will be used.
EmployeeStartDate	Date (YYYY-mm-DD)	The employee's contract start date. If none is indicated, the start date will be taken as the day the employee was created in Woffu
EmployeeEndDate	Date (YYYY-mm-DD)	End date of the employee's contract, if any
Birthday	Date (YYYY-mm-DD)	Date of employee's birth
DepartmentKey	Text(a-zA-Z0-9_-) Company	Department's own department identifier. If the call does not exist, it will give an error
DepartmentId	Numerical	Identifier of Woffu's internal



		department. If indicated, the DepartmentKey will be ignored. If it does not exist, the call will give an error
. JobTitleKey	Text(a-zA-Z0-9_-)	Identifier of the company's own position. If the call does not exist, it will give an error
JobTitleId	Numerical	Identifier of Woffu's internal position. If it is indicated, the JobTitleKey does not exist, the call will give an error
ResponsibleUserKey	Text(a-zA-Z0-9_-)	User identifier, typical of the company, corresponding to the person responsible for the user in Woffu. If not exist the call will give an error. If ResponsibleUserKey nor ResponsibleUserId, the main administrator of the company will be assigned as responsible. The indicated user will now have the "Responsible" role, if it did not previously have it.
ResponsibleUserId	Numeric	User identifier, internal to Woffu, corresponding to the user's responsible in Woffu. If the call does not exist, an error will be generated. will be ignored ResponsibleUserKey If ResponsibleUserKey nor ResponsibleUserId, the main administrator of the company will be assigned as responsible. The indicated user will now have the role "Responsible"
AuthorizingUserKey	Text(a-zA-Z0-9_-)	User identifier, specific to the company, corresponding to the user's supervisor in Woffu. If the user's supervisor does not exist call will give an error.
AuthorizingUserId	Numeric	User identifier, internal to Woffu, corresponding to the user's supervisor in Woffu. If it does not exist, the call will give an error. will be ignored AuthorizingUserKey
AllocatedDays	Numeric	User's available vacation days. If not indicated, the calculation of available vacation days will be carried out proportionally based on the user's start date and the configuration of the "Vacation" reason in their agreement
LanguageId	Numeric	Language of the Woffu user interface for employee 1 Español 2 English 3 Français 4 Català 5 Português 6 Italiano
CalendarKey	Text(a-zA-Z0-9_-)	Identifier of the company's own calendar. If the call does not exist, it will give an error. If neither CalendarKey nor CalendarId is

		specified, the company's default calendar will be assigned.
CalendarId	Numeric	Identifier of Woffu's internal calendar. If it is indicated, the CalendarKey does not exist, the call will give an error. If neither CalendarKey nor CalendarId is specified, the company's default calendar will be assigned.
AgreementKey	Text(a-zA-Z0-9_-)	Identifier of the company's own agreement. If the call does not exist, it will give an error. If not indicated, the company's default agreement will be assigned.
AgreementId	Numeric	Identifier of Woffu's internal agreement. If it is indicated, the AgreementKey does not exist, the call will give an error. If AgreementKey nor AgreementId, the company's default agreement will be assigned.
ScheduleKey	Text(a-zA-Z0-9_-)	Identifier of the company's own schedule. If the call does not exist, it will give an error. If not indicated, the company's default schedule will be assigned.
ScheduleId	Numeric	Identifier of Woffu's internal schedule. will be ignored ScheduleKey. If the call does not exist, it will give an error. If ScheduleKey nor ScheduleId, the company's default schedule will be assigned.
OfficeKey	Text(a-zA-Z0-9_-)	Identifier of the company's own work center
OfficeId	Numeric	Identifier of Woffu's internal work center. If indicated, the OfficeKey does not exist, the call will give an error.
NIN	Text	Employee's identity document
SSN	Text	's social security number
Active	Boolean	Indicates whether the user will be active once created
RoleId	Numeric Role	identifier, internal to Woffu, which will be assigned to the user. If not indicated, the company's default role will be assigned.

PUT

/api/v1/users/key/{userkey}

It is used to modify a user's data. The userKey parameter is indicated in the url itself and will be the one that will identify the user. to modify. Only the indicated parameters will be modified, maintaining the value that the user has in the rest. If you want to remove a value instead of keeping it, you must indicate the Null value.

The mandatory fields (Email and FirstName ) cannot be deleted, they can be modified. A modification of the Email will mean that the user cannot access with their old credentials. The AgreementKey, CalendarKey and ScheduleKey fields, if they are deleted, will take the value of the company's default element (calendar, agreement or default schedule).

If you want to change the UserKey of an employee, you must use the variant of this endpoint that identifies the user by userId (Woffu's internal identifier)

## Parameters

Parameter	Type	Description
UserKey	Text (a-zA-Z0-9_-)	The employee code inside of the company. It must match the one indicated in the Url
FirstName	Text	Name of the employee
LastName	Text	Surnames of the employee
Email	Text (mail format)	It must be a valid email and not previously exist in Woffu
FirstName	Text	Name of the employee
LastName	Text	Surnames of the employee
CompanyId	Numeric	Internal identifier in Woffu of the company. If not indicated, the name of the user with whom the call is being made will be used.
EmployeeStartDate	Date (YYYY-mm-DD)	The employee's contract start date. Modifies the current contract
EmployeeEndDate	Date (YYYY-mm-DD)	End date of the employee's contract, if any. Modifies the current contract
Birthday	Date (YYYY-mm-DD)	Employee's date of birth
DepartmentKey	Text(a-zA-Z0-9_-)	Identifier of the company's own department. If the call does not exist, it will give an error
DepartmentId	Numerical	Identifier of Woffu's internal department. If indicated, the DepartmentKey will be ignored. If it does not exist, the call will give an error
. JobTitleKey	Text(a-zA-Z0-9_-)	Identifier of the company's own position. If the call does not exist, it will give an error
JobTitleId	Numerical	Identifier of Woffu's internal position. If it is indicated, the JobTitleKey does not exist, the call will give an error

ResponsibleUserKey	Text(a-zA-Z0-9_-)	User identifier, typical of the company, corresponding to the person responsible for the user in Woffu. If not exist the call will give an error. If ResponsibleUserKey nor ResponsibleUserId , the main administrator of the company will be assigned as responsible. The indicated user will now have the "Responsible" role, if it did not previously have it.
ResponsibleUserId	Numeric	User identifier, internal to Woffu, corresponding to the user's responsible in Woffu. If the call does not exist, an error will be generated.will be ignored ResponsibleUserKey If ResponsibleUserKey nor ResponsibleUserId , the main administrator of the company will be assigned as responsible. The indicated user will now have the role "Responsible"
AuthorizingUserKey	Text(a-zA-Z0-9_-)	User identifier, specific to the company, corresponding to the user's supervisor in Woffu If the user's supervisor does not exist call will give an error.
AuthorizingUserId	Numeric	User identifier, internal to Woffu, corresponding to the user's supervisor in Woffu. If it does not exist, the call will give an error.will be ignored AuthorizingUserKey
LanguageId	Numeric	Language of the Woffu user interface for the employee 1 Español 2 English 3 Français 4 Català 5 Português 6 Italiano
CalendarKey	Text(a-zA-Z0-9_-)	Identifier of the company's own calendar. If the call does not exist, it will give an error. If neither CalendarKey nor CalendarId is specified, the company's default calendar will be assigned.
CalendarId	Numeric	Identifier of Woffu's internal calendar. If it is indicated, the CalendarKeydoes not exist, the call will give an error. If neither CalendarKey nor CalendarId is specified, the company's default calendar will be assigned.
AgreementKey	Text(a-zA-Z0-9_-)	Identifier of the company's own agreement. If the call does not exist, it will give an error. If not indicated, the company's default agreement will be assigned.
AgreementId	Numeric	Identifier of Woffu's internal

		agreement. If it is indicated, the AgreementKeydoes not exist, the call will give an error. If AgreementKey nor AgreementId , the company's default agreement will be assigned.
ScheduleKey	Text(a-zA-Z0-9_-)	Identifier of the company's own schedule. If the call does not exist, it will give an error. If not indicated, the company's default schedule will be assigned.
ScheduleId	Numeric	Identifier of Woffu's internal schedule.will be ignored ScheduleKey If the call does not exist, it will give an error. If ScheduleKey nor ScheduleId , the company's default schedule will be assigned
OfficeKey	Text(a-zA-Z0-9_-)	Identifier of the company's own work center
OfficeId	Numeric	Identifier of Woffu's internal work center. If indicated, the OfficeKeydoes not exist, the call will give an error
NIN	Text	Employee's identity document
SSN	Text	's social security
number RoleId Numeric	Role	identifier, internal to Woffu, that will be assigned to the user, If not indicated, the company's default role will be assigned.

**DELETE****/api/v1/users/key/{userKey}**

It is used to suspend a user. A suspended user is one that has the Deleted field set to true . The user can be restored later keeping their data.

### Parameters

Parameter	Type	Description
UserKey	Text(a-zA-Z0-9_-)	The employee code
CompanyId	Numeric	The company identifier in which the user is registered

**PUT****/api/v1/users/key/{userKey}/restore**

It is used to recover a suspended user

### Parameters

Parameter	Type	Description
UserKey	Text(a-zA-Z0-9_-)	The code of the employee. It is verified that it matches the url parameter, otherwise an error is returned.
CompanyId	Numeric	The company identifier in which the user is registered
Active	Boolean	The Active status of the user once it is retrieved.

## Contracts: Endpoints used

GET

**/api/v1/users/key/{userKey}/contracts/current**

It is used to obtain the current contract of a user. This call will be necessary to obtain the contract that is automatically created with the user in order to modify it later.

### Parameters

Parameter	Type	Description
UserKey	Text(a-zA-Z0-9_-)	The employee code
CompanyId	Numeric	The company identifier in which the user is registered

PUT

**/api/v1/contracts/{id}**

It is used to modify a user contract through its ContractId. Since the initial contract created for each user does not have a ContractKey, this endpoint must be used to indicate its value

### Parameters

Parameter	Type	Description
ContractId	Numeric	Woffu's internal contract identifier. It must match the one indicated in the url, otherwise an error will be returned
ContractKey	Text(a-zA-Z0-9_-)	Identifier of the company's own contract
CompanyId	Numeric	The identifier of the company in which the user is registered. the contract is associated
ContractTypeId	Numeric	Type of contract: 1 - Indefinite 2 - Temporary 3 - Internship 4 - Fixed Intermittent
ContractModalityId	Numeric	Type of contract: 1 - Full 2 - Part-
time StartDate	Date (YYYY-mm-DD)	Start date of the contract

EndDate	Date (YYYY-mm-DD)	End date of the contract
AgreementKey	Text(a-zA-Z0-9_-)	Identifier of the company's own agreement. If the call does not exist, it will give an error.
AgreementId	Numeric	Woffu internal agreement identifier. If it is indicated, the AgreementKey does not exist, the call will give an error.
CloseAtEndDate	Boolean	Indicates if we want the contract to close automatically when the end date is reached. The closure of the contract allows actions to be performed on the user through the parameters DeactivateUserOnClose and DeleteUserOnClose
DeactivateUserOnClose	Boolean	Indicates if we want to deactivate the user when closing his contract
DeleteUserOnClose	Boolean	Indicates if we want to suspend the user when closing the contract

**PUT**     **/api/v1/contracts/key/{contractKey}**

It is used to modify a user contract through its ContractKey

## Parameters

Parameter	Type	Description
ContractKey	Text(a-zA-Z0-9_-)	Identifier of the company's own contract, It must match the one indicated in the url, otherwise an error will be returned
CompanyId	Numeric	The identifier of company in which the user to which the contract is associated is registered
ContractTypeId	Numeric	Type of contract: 1 - Indefinite 2 - Temporary 3 - Internship 4 - Fixed Intermittent
ContractModalityId	Numeric	Type of contract: 1 - Full 2 - Part-
time StartDate	Date ( YYYY-mm-DD)	Start date of the contract
EndDate	Date (YYYY-mm-DD)	Date d e end of contract
AgreementKey	Text(a-zA-Z0-9_-)	Identifier of the company's own agreement. If the call does not exist, it will give an error.



AgreementId	Numeric	Woffu internal agreement identifier. If it is indicated, the AgreementKey does not exist, the call will give an error.
CloseAtEndDate	Boolean	Indicates if we want the contract to close automatically when the end date is reached. The closing of the contract allows actions to be carried out on the user through the parameters DeactivateUserOnClose and DeleteUserOnClose
DeactivateUserOnClose	Boolean	Indicates if we want to deactivate the user when closing his contract
DeleteUserOnClose	Boolean	Indicates if we want to suspend the user when closing the contract

## POST /api/v1/contracts

It is used to create a new contract to an user. The contract cannot overlap with any other user contract

### Parameters

Parameter	Type	Description
ContractKey	Text(a-zA-Z0-9_-) Company-specific	contract identifier
UserKey	Text(a-zA-Z0-9_-)	The employee code inside the company.
UserId	Numeric	The code of the internal Woffu employee. If indicated, the UserId will be ignored
CompanyId	Numeric	The identifier of the company in which the user to which the contract will be added
ContractTypeId	Numeric	Type of contract: 1 - Indefinite 2 - Temporary 3 - Internship 4 - Fixed Discontinuous
ContractModalityId	Numeric	Type of contract : 1 - Full time 2 - Part
time StartDate	Date (YYYY-mm-DD)	Start date of the contract
EndDate	Date (YYYY-mm-DD)	End date of the contract
AgreementKey	Text(a-zA-Z0-9_-)	Identifier of the company's own agreement. If the call does not exist, it will give an error.
AgreementId	Numeric	Woffu internal agreement identifier. If it is indicated, the AgreementKey does not exist, the call will give an error.

CloseAtEndDate	Boolean	Indicates if we want the contract to close automatically when the end date is reached. The closure of the contract allows actions to be performed on the user through the parameters DeactivateUserOnClose and DeleteUserOnClose
DeactivateUserOnClose	Boolean	Indicates if we want to deactivate the user when closing his contract
DeleteUserOnClose	Boolean	Indicates if we want to suspend the user when closing the contract
AdjustAgreementValues	Boolean	If the contract have a different agreement than a previous one indicates whether the user's vacation balances should be transferred

# Thank you for trusting Woffu with time management!

More questions?

You can visit our [help center](#) where you will find answers to the most frequently asked questions.

If you have further technical questions about using the API, please contact [\*\*integrations@woffu.com\*\*](mailto:integrations@woffu.com).

If you need help from an expert on Woffu features, write to [\*\*help@woffu.com\*\*](mailto:help@woffu.com).