

SoftOne GO: API Endpoint

# POST TimeBalance



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## 1. POST TimeBalance

**API Endpoint: POST TimeBalance | Update the balances of the employees**

### 1.1 Summary

The **TimeBalance** endpoint is used to update time balances for employees in SoftOne GO. It supports updated to all time-based balances (like flexitime and overtime) and day-based balances (like vacation and LAS). Each entry specifies a time balance type, the affected employee, and the quantity of hours or days. This endpoint is typically used to synchronize time balances from external HR systems, time tracking systems, and payroll systems.

For the latest technical reference and request/response schemas, please refer to the [Swagger documentation](#)

## 2. Request

This section outlines the structure, parameters, and required data used when making a request to this endpoint.

### 2.1 Endpoint information

- Endpoint URL: <https://apiexternal.softone.se/Personell/Time/TimeBalance>
- Method: Post
- Authentication required: Yes

### 2.2 Request parameters

**Note:** authentication parameters and detailed information about authentication can be found here: **Endpoint - POST login-token.**

Each object in the array represents a time balance value for a specific employee.

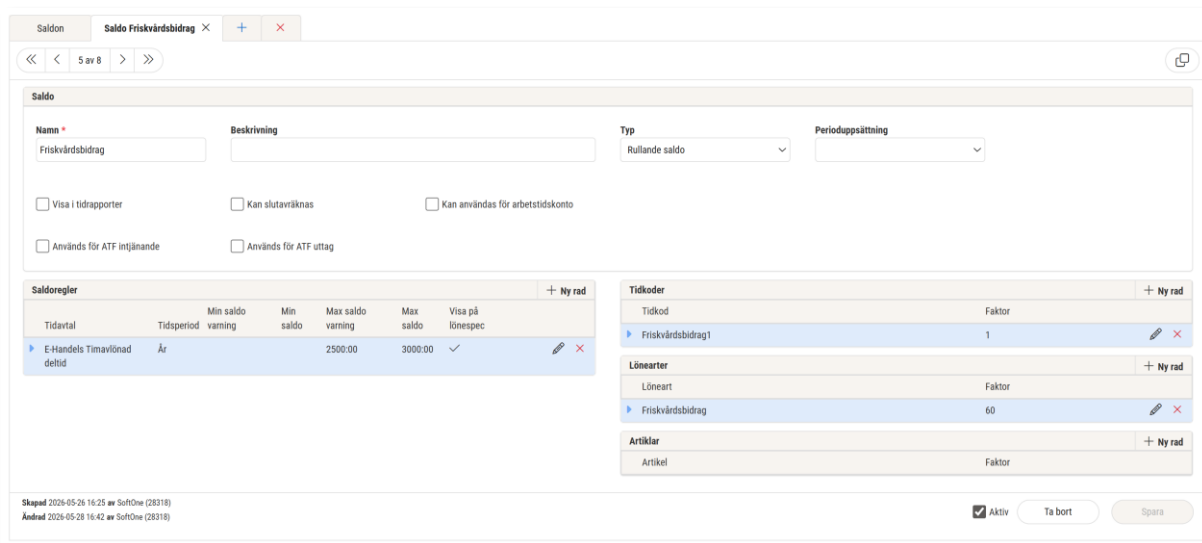
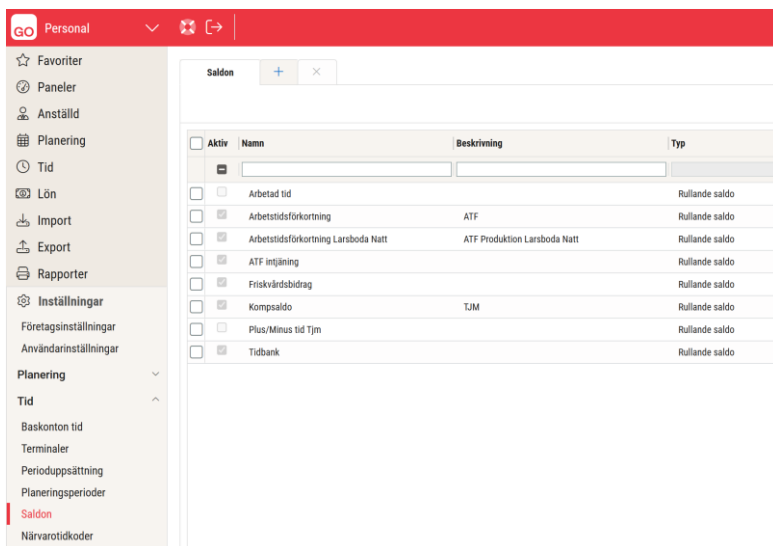
Name	Data type	Mandatory	Description
TimeBalanceIOType	string	Yes	<p>Type of balance (e.g., "TimeAccumulator", "RemainingDaysPaid", etc.).</p> <p>There are two types of balances; time-based and day based.</p> <p>For time-based balances, set this property to Enum "TimeAccumulator". Which time-based balance is referred to, is defined by the "Code" property</p> <p>For day-based balances, set this property to any other Enum but "TimeAccumulator"</p>

			For complete list of Enum's, please consult the <a href="#">Swagger documentation</a> . In Swagger, click "Model" under the "Parameters" section.
Code	string	Conditional	Used <b>only</b> when TimeBalanceIOType is "TimeAccumulator" to define which time-based balance it is.  The availability of balances depends on the configuration defined by the organization.  Not used for <i>day</i> -based balances.
Date	date-time	Conditional	Date for the balance entry.  Only applicable on time-based accumulators.
EmployeeNr	string	Yes	Employee number to associate the balance with.
Quantity	double	Yes	Amount of time (in hours or days depending on type).
AdjustmentDate	date-time	Conditional	Date of adjustment to the balance.  Must match across all entries in the same batch.  Only applicable on day-based accumulators.

## 2.3 Examples

### 2.3.1 Update a time-based balance (with configuration)

Given



When

POST

```

{{baseUr1}}/Personell/Time/TimeBalance?companyApiKey={{CompanyApiKey}}&connectApiKey={{ConnectApiKey}}&token={{token}}

```

```

[
  {
    "TimeBalanceIOType": "TimeAccumulator",
    "Code": "Friskvårdsbidrag",
    "Date": "2026-05-25T00:00:00Z",
    "EmployeeNr": "160",
    "Quantity": "3",
    "AdjustmentDate": ""
  }
]

```

]

Then

2026-05-25	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00
Aktivt schema		08:00							15:30	
▼ Stämplingar										
▼ Utfall										

▼ Löneart	Attestnivå	Start	Slut	Antal	Kontering	Barn	Kommentar	+
52300 Friskvårdsbidrag	● Registrerad			-247.00	7001;525;351;5103;416;			

▼ Tidkod	Tidsregel	Sort	Start	Slut	Antal
Friskvårdsbidrag1					-247.00

## 2.4 Update a time-based balance

Please note: When updating time-based balances (flex, overtime, timebank, etc.), *TimeBalanceIOType* should always be equal to Enum "TimeAccumulator" (or 1) and then the *Code* property defines which balance. *Date* should be used, never *AdjustmentDate* with time balances.

Balance prior update:

Saldo (Saldoregel)	Planeringsperiod	Period	Året	Aktuellt	Semestersaldo
Kompbank	N/A	0:00	42:29	42:29	Betalda 25
Kontroll Meritid	N/A	0:00	9:00	9:00	Obetalda 0
Kontroll Övertid	N/A	0:00	16:38	16:38	Sparat 5
Tidbank	N/A	0:00	0:00	0:00	Förskott 0

	Datum	Veckodag	Vecka	Attestnivå	Start	Slut	Tid	Rast	Prel	Start
<input type="checkbox"/>	> 2025-09-01	måndag	36		15:00	23:30	8:00	0:30	Nej	
<input type="checkbox"/>	> 2025-09-02	tisdag	36		15:00	23:00	7:30	0:30	Nej	
<input type="checkbox"/>	> 2025-09-03	onsdag	36		15:00	23:00	7:30	0:30	Nej	

Payload:

[

{

"TimeBalanceIOType": "TimeAccumulator",

"Code": "Kompbank",

"Date": "2025-09-01T00:00:00Z ",

"EmployeeNr": "102175",

```
"Quantity": "45.00",  
"AdjustmentDate": ""  
}  
]
```

Balance post update:

- ☆ Favoriter
- 🔍 Paneler
- 👤 Anställd
- 📅 Planering
- 🕒 Tid
- Attestera tid
- Rutiner
- 📁 Import
- 📄 Export
- 📊 Rapporter
- ⚙️ Inställningar

102175 Sofia Theodorur
19910621-6782

19910621-6782

September

Anställningsform  
Tillsvidareanställning

Syss.grad  
96,25%

Startdatum  
2025-03-28

Slutdatum

Tidavtal  
(44125) Timanställd Lager och E-handel kollektiv

Löneavtal  
Timlön

Semesteravtal  
Semester

Kompbank NA / 2:31 / 45:00 / 45:00
Kontroll Mertid NA / 0:00 / 9:00 / 9:00
Kontroll Övertid NA / 0:00 / 16:38 / 16:38
Tidbank NA / 0:00 / 0:00 / 0:00

Saldo (Saldoregel)	Planeringsperiod	Period	Året	Aktuellt	Semestersaldo
Kompbank	N/A	2:31	45:00	45:00	Betalda 25
Kontroll Mertid	N/A	0:00	9:00	9:00	Obetalda 0
Kontroll Övertid	N/A	0:00	16:38	16:38	Sparat 5
Tidbank	N/A	0:00	0:00	0:00	Förskött 0

Diagram

Attestera tid

Aktivt schema										Närva	
	Datum	Veckodag	Vecka	Attestnivå	Start	Slut	Tid	Rast	Prel	Start	
<input type="checkbox"/>	> 2025-09-01	måndag	36		15:00	23:30	8:00	0:30	Nej		✎
<input type="checkbox"/>	> 2025-09-02	tisdag	36		15:00	23:00	7:30	0:30	Nej		✎
<input type="checkbox"/>	> 2025-09-03	onsdag	36		15:00	23:00	7:30	0:30	Nej		✎

## 2.5 Request example - Update a day-based balance

Please note: When updating day-based balances (vacation and LAS), *Code* should not be used and *AdjustmentDate* should be used instead of *Date*.

Balance prior update:

The screenshot shows the 'Attestera tid' (Time Off) interface for employee 102175 Sofia Theodorur. The interface includes a sidebar with navigation options like 'Favoriter', 'Paneler', 'Anställd', 'Planering', 'Tid', 'Rutiner', 'Import', 'Export', 'Rapporter', and 'Inställningar'. The main area displays employee details and a table of balances.

Saldo (Saldoregel)	Planeringsperiod	Period	Året	Aktuellt	Semestersaldo
Kompbank	N/A	2.31	45.00	45.00	Betalda 25
Kontroll Mertid	N/A	0.00	9.00	9.00	Ubetalda 0
Kontroll Övertid	N/A	0.00	16.38	16.38	Sparat 5
Tidbank	N/A	0.00	0.00	0.00	Förskott 0

Below the table, there is a 'Diagram' section showing an 'Aktivt schema' (Active schedule) for the employee. The schedule table is as follows:

Datum	Veckodag	Vecka	Attestnivå	Start	Slut	Tid	Rast	Prel	Start
> 2025-09-01	måndag	36		15.00	23.30	8.00	0.30	Nej	
> 2025-09-02	tisdag	36		15.00	23.00	7.30	0.30	Nej	
> 2025-09-03	onsdag	36		15.00	23.00	7.30	0.30	Nej	

Payload:

```
[
  {
    "TimeBalanceIOType": "RemainingDaysPaid",
    "Code": "",
    "Date": "",
    "EmployeeNr": "102175",
    "Quantity": "23",
    "AdjustmentDate": "2025-09-01T00:00:00Z "
  }
]
```

Balance post update:

- ☆ Favoriter
- 🔍 Paneler
- 👤 Anställd
- 📅 Planering
- 🕒 Tid
- Attestera tid
- Rutiner
- 📁 Import
- 📄 Export
- 📊 Rapporter
- ⚙️ Inställningar

102175 Sofia Theodorur
Anställningsform  
Tillsvidareanställning
Startdatum  
2025-03-28
Tidavtal  
(44125) Timanställd Lager  
och E-handel kollektiv
Semesteravtal  
Semester

19910621-6782
Septem
Sys.grad  
96,25%
Slutdatum

September
Kontroll Mertid NA / 0:00 / 9:00 / 9:00
Kontroll Övertid NA / 0:00 / 16:38 / 16:38
Tidbank NA / 0:00 / 0:00 / 0:00

Saldo (Saldoregel)	Planeringsperiod	Period	Året	Aktuellt	Semestersaldo
Kompbank	N/A	2:31	45:00	45:00	Betalda 23
Kontroll Mertid	N/A	0:00	9:00	9:00	Obetalda 0
Kontroll Övertid	N/A	0:00	16:38	16:38	Sparat 5
Tidbank	N/A	0:00	0:00	0:00	Förskött 0

Diagram

Attestera tid

Aktivt schema										Närva		
<input type="checkbox"/>	Datum	Veckodag	Vecka	Attestnivå	Start	Slut	Tid	Rast	Prel	Start		
<input type="checkbox"/>	> 2025-09-01	måndag	36		15:00	23:30	8:00	0:30	Nej			✎
<input type="checkbox"/>	> 2025-09-02	tisdag	36		15:00	23:00	7:30	0:30	Nej			✎
<input type="checkbox"/>	> 2025-09-03	onsdag	36		15:00	23:00	7:30	0:30	Nej			✎

### 3. Response

This section describes the structure and content of the data returned by the endpoint in response to a request.

(Please note that the response content is based upon a standard model and most parameters lacks relevance for this request. This will be improved later)

#### 3.1 Response sample

Sample of data returned in JSON format:

```
{
  "Success": true,
  "SuccessNumber": 0,
  "ErrorNumber": 4,
  "ErrorMessage": "Created:1 Updated:0 out of 1 ",
  "InfoMessage": null,
  "CanUserOverride": false,
  "IntegerValue": 0,
  "IntegerValue2": 0,
  "DecimalValue": 0.0,
  "StringValue": null,
  "BooleanValue": false,
  "BooleanValue2": false,
  "DateTimeValue": "0001-01-01T00:00:00",
  "Value": null,
  "Value2": null,
  "Dates": null,
  "Keys": null,
  "Strings": null,
  "IdDict": null,
  "IntDict": null,
  "IntDict2": null,
  "StrDict": null,
```

```
"StrDict2": null,  
"StrIntListDict": null,  
"ObjectsAffected": 0,  
"StackTrace": null,  
"Exception": null,  
"Modified": "0001-01-01T00:00:00",  
"ModifiedBy": null  
}
```

## 4. Additional information

### 4.1 Application Reference - SoftOne GO

This section explains how the API data relates to the UI/logic in SoftOne GO. It also describes the purpose of the properties in context of SoftOne GO. It helps new integrators connect what they see in the system with what they get via the API.

Navigate to <https://go.softone.se>

### 4.2 TimeBalanceIOType and Code

The endpoint property *TimeBalanceIOType* corresponds to the balance defined by the Enum. There are basically two typed of balance; time based, and day based.

#### 4.2.1 Time-based balances

If the Enum value of the property *TimeBalanceIOType* is equal to "TimeAccumulator" it is the value on the property *Code* that points out the exact balance that should be targeted.

*Code* corresponds to the balance field *Name* in SoftOne GO. The complete setup of time-based accumulators is found in the following location:

*Staff > Settings > Time > Balances*

Act.	Name	Description	Type
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	ATK saldo		Rolling balance
<input type="checkbox"/>	ÖT Komp HAO		Rolling balance
<input type="checkbox"/>	ÖT Komp Tjm		Rolling balance

#### 4.2.2 Day-based balances

If the Enum value of the property *TimeBalanceIOType* is *distinct* from “TimeAccumulator” it corresponds directly to a day-based balance. (i.e. *Code* is not involved in this case). Day-based balances are equal to vacation and LAS balances.

In SoftOne GO the vacation and LAS balances are located on each employee’s employee card and is found in the following location:

*Staff > Employee > Open an employee card and then open the expanders Employment data > Holiday and other absence > Holiday*

	Earned days	Used days	Remaining days
Paid days	0	0	26
Paid holiday bonus		0	
Paid variable holiday bonus		0	
Unpaid days	0	0	0
Advance	0	0	0
Debt in advance	Amount: 0,00	Expires:	<input type="checkbox"/> Remove
Saved years 1	0	0	0
Saved years 2	0	0	0
Saved years 3	0	0	0
Saved years 4	0	0	2
Saved years 5	0	0	0
Overdue days	0	0	0
Preliminary used			-4
Remaining		0	24

Consult the [Swagger documentation](#) for the Enum of each day-based balance.

### 4.3 Date

The endpoint property *Date* corresponds to the field *Date* in SoftOne GO and can be found at this location:

*Staff > Employee > Routines > Balances*

The screenshot displays the 'Balances' configuration page in the SoftOne GO application. The interface includes a sidebar on the left with navigation options: Favorites, Dashboard, Employee, Employees, Index, Routines, Balances (highlighted), HR follow-up, Planning, Time, Salary, Import, Export, Reports, and Settings. The main content area is titled 'Balances' and contains a 'Selection' section. A red box highlights the 'Period' and 'Date' fields. The 'Period' dropdown is set to 'Date', and the 'Date' field contains '6/2/25'. Below this, there are sections for 'Show limits for' (set to 'Selected period'), 'Employees' (with checkboxes for 'Include inactive' and 'Only show inactive'), 'Base on' (set to 'The person's affiliation'), and a button 'Include employees with affiliations according to selection'. There are three columns for 'TJM' with dropdowns for 'Time agreement', 'Holiday agreement', and 'Salary agreement'. Below these are 'Employees' (0 of 22 selected) and 'Balance' (set to 'Select') dropdowns. At the bottom, there are 'Own limit min' and 'Own limit max' input fields, and checkboxes for 'Only show outside limits' and 'Also show employees with a balance value of 0'.

*Date* is only used with time-based balances. See *AdjustmentDate* further down for day-based balances.

#### 4.4 EmployeeNrsStrings and EmployeeNr

The endpoint properties *EmployeeNrsString* (request) and *EmployeeNr* (response) corresponds to the field *Employee ID* in SoftOne GO, which can be viewed - among other locations - via the following navigation path:

*Staff > Employee > Employees*

Active	Employee ID	Name	Time agreement	Employment position	Employ. rate	Weekly working hours
<input checked="" type="checkbox"/>	3002	Jacob Ahmedsdotter	Timavlönad	Permanent Position	26,14	10:00
<input checked="" type="checkbox"/>	3003	Tilde Lindström	Timavlönad	Permanent Position	78,43	30:00
<input checked="" type="checkbox"/>	3004	Erika Alicegren	Timavlönad	Permanent Position	10,46	4:00
<input checked="" type="checkbox"/>	3005	Sabina Emmagren	Timavlönad	Permanent Position	52,29	20:00
<input checked="" type="checkbox"/>	3006	Fabian Gustavsson	Månadsavlön...	Permanent Position	100,00	38:15
<input checked="" type="checkbox"/>	3014	Douglas Jensberg	Timavlönad	Permanent Position	52,29	20:00
<input checked="" type="checkbox"/>	3015	Emil Elviraur	Timavlönad	Permanent Position	65,36	25:00
<input checked="" type="checkbox"/>	3018	Molly Lukassdotter	Timavlönad	Permanent Position	15,69	6:00
<input checked="" type="checkbox"/>	3022	Lovisa Emiliasdotter	Timavlönad	Permanent Position	52,29	20:00
<input checked="" type="checkbox"/>	3023	Sara Jennygren	Timavlönad	Special fixed time employment	52,29	20:00
<input checked="" type="checkbox"/>	3024	Beatrice Sandberg	Timavlönad	Permanent Position	52,29	20:00

## 4.5 Quantity

### 4.5.1 Time-based balances

The endpoint property *Quantity* (i.e. the accumulator's value) for time-based balances correspond to the *Value* field in SoftOne GO and is found in the following location:

*Staff > Employee > Routines > Balances:*

Employed	Balance	Amount	Selected period	Current	Min warning	Mi
(9888) Emma Elinasson	Beredskapstimmor Helg		39:00	1132:55	0:00	
(9888) Emma Elinasson	Beredskapstimmor Storhelg		48:00	230:45	0:00	
(9888) Emma Elinasson	Beredskapstimmor Vardag		53:00	1262:45	0:00	
(9888) Emma Elinasson	Komp		0:00	31:36	0:00	
(9888) Emma Elinasson	ÖT-Saldo		1:00	160:22	0:00	

### 4.5.2 Day-based balances

The endpoint property *Quantity* (i.e. the accumulator's value) for day-based balances correspond to the value fields that can be found in the following location:

*Staff > Employee > Open an employee card and then open the expanders Employment data > Holiday and other absence > Holiday*

	Earned days	Used days	Remaining days
Paid days	0	0	26
Paid holiday bonus		0	
Paid variable holiday bonus		0	
Unpaid days	0	0	0
Advance	0	0	0
Debt in advance	Amount: 0,00	Expires:	<input type="checkbox"/> Remove
Saved years 1	0	0	0
Saved years 2	0	0	0
Saved years 3	0	0	0
Saved years 4	0	0	2
Saved years 5	0	0	0
Overdue days	0	0	0
Preliminary used			-4 ⓘ
Remaining		0	24

#### 4.6 AdjustmentDate

The property *AdjustmentDate* has no corresponding field in user interface of SoftOne GO'. Exists only in the database.

*AdjustmentDate* is only applicable for day-based balances.