

SoftOne GO: API Endpoint

Time/TimeStampEntry (GET)



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1. Time/TimeStampEntry (GET)

API Endpoint: Time/TimeStampEntry (GET)
Retrieve timestamp records for employees

1.1 Summary

The **TimeStampEntry** endpoint is used to retrieve time registration entries, breaks, connected accounts, registered extents, device used for the specific timestamp, and more. You can retrieve time entries for a date range on either specific employees or all employees.

This endpoint is often used in integrations with attendance monitoring systems or time terminals.

The screenshot displays the 'Attest time' interface for an employee named Adrian Alesberg. The interface includes a sidebar with navigation options like Dashboard, Employee, Planning, Time, Calendar, and Salary. The main area shows a calendar view for April 2025, with a table of time entries for the dates 4/1/2025 (Tuesday) and 4/2/2025 (Wednesday). The table columns include Date, Weekday, Start, End, Time, Break, Approved, Rows, Amount, Work sched. time, Balance, and Ba. Below the calendar, there is a 'Punches (4)' section with a table showing punch events with columns for Date, Time, Cause, Kostnadsställe, and Comment.

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 Overview

- Method: GET
- URL:

`https://apiexternal.softone.se/Personell/Time/TimeStampEntry`

2.2 Authentication

This endpoint requires **token-based authentication** using a combination of API keys and an access token. where:

- API keys identify the company and integration
- A time-limited access token authorizes access to protected resources

All three parameters are required for successful authentication.

The access token is obtained by calling the **/Login/Token** endpoint and must be included in every authenticated request.

2.3 Parameters

Name	Type	Required	Description
companyApiKey	string	Yes	Identifies the company whose data is being accessed
connectApiKey	string	Yes	Identifies the integration partner / connecting application
Token	string	Yes	Access token used to authenticate the request
dateFrom	date-time	Yes	Start date of the punch entry search interval.
dateTo	date-time	Yes	End date of the punch entry search interval.
employeeNrsStrings	string	No	Comma-separated list of employee numbers. Use "NULL" to retrieve all employees.

3. Response

Each object in the array represents a punch clock entry for a specific employee.

Name	Data type	Description
EmployeeNr	string	Employee number of the individual making the time entry.
EmployeeExternalCode	string	External code identifying the employee.
TimeStamp	date-time	Date and time of the timestamp entry.
TimeStampEntryType	string	Type of entry/punch. Enum: "In" and "Out"
IsBreak	boolean	True if this entry marks the start or end of a break.
AccountNr	string	The account number (SWE: "konteringskod") reported with the time entry/punch. I.e. the cost carrier.
SieAccountDim	integer	Defines what type of accounting dimension the AccountNr represents. Necessary because different dimensions may share the same ID, but not mandatory to use.
TimeTerminalId	integer	ID of the terminal where the entry was made.
Accounts	array of objects	List of connected accounts. Contains <i>AccountNr</i> (string) and <i>SieAccountDim</i> (integer) and is used when there is multiple account dimensions reported.
TimeScheduleTypes	array of objects	List of extents and deductions (SWE: tillägg och avdrag) connected to the timestamp entry. Contains <i>TimeScheduleTypeCode</i> (string) (Please note that the label of the property is somewhat misleading due to historical reasons)

4. Examples

4.1 Employee with punches

Given

The screenshot shows the 'Attest Time' application interface. On the left, there is a sidebar with a list of employees, including '107 My Jonassdóttir'. The main area displays employee details for '107 My Jonassdóttir', including employment position, start date, and salary agreement. Below this, there is a 'Chart' section and a table for 'Active Schedule' and 'Attendance'. The 'Active Schedule' table shows dates from 5/1/2026 to 5/7/2026. The 'Attendance' table shows time slots from 7:00 AM to 4:00 PM. A 'Punches' section shows a list of punches for 5/7/2026, including start and end times and causes.

GET

```
/Personell/Time/TimeStampEntry?companyApiKey={CompanyApiKey}&connectApiKey={{ConnectApiKey}}&token={{token}}&dateFrom=2026-05-07&dateTo=2026-05-07&employeeNrsStrings=107
```

Response

```
[
  {
    "EmployeeNr": "107",
    "EmployeeExternalCode": null,
    "TimeStamp": "2026-05-07T08:00:00",
    "TimeStampEntryType": 0,
    "IsBreak": false,
    "AccountNr": null,
    "SieAccountDim": null,
    "TimeTerminalId": null,
    "Accounts": [],
    "TimeScheduleTypes": []
  },
  {
    "EmployeeNr": "107",
    "EmployeeExternalCode": null,
    "TimeStamp": "2026-05-07T09:00:00",
    "TimeStampEntryType": 0,
    "IsBreak": false,
    "AccountNr": null,
    "SieAccountDim": null,
  }
]
```

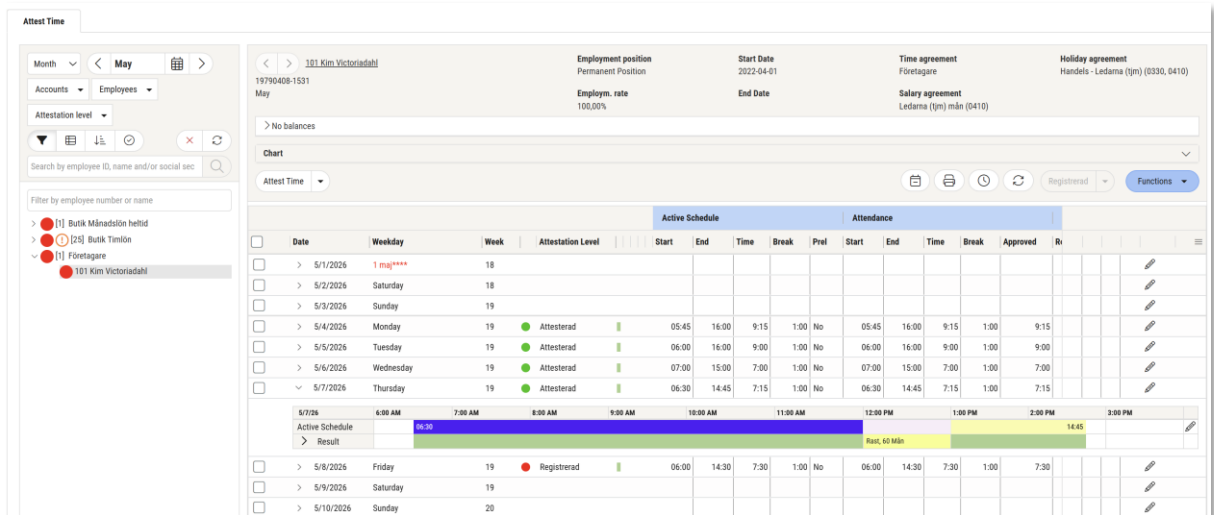
```

    "TimeTerminalId": null,
    "Accounts": [],
    "TimeScheduleTypes": []
  },
  {
    "EmployeeNr": "107",
    "EmployeeExternalCode": null,
    "TimeStamp": "2026-05-07T09:15:00",
    "TimeStampEntryType": 0,
    "IsBreak": false,
    "AccountNr": null,
    "SieAccountDim": null,
    "TimeTerminalId": null,
    "Accounts": [],
    "TimeScheduleTypes": []
  },
  {
    "EmployeeNr": "107",
    "EmployeeExternalCode": null,
    "TimeStamp": "2026-05-07T13:00:00",
    "TimeStampEntryType": 0,
    "IsBreak": false,
    "AccountNr": null,
    "SieAccountDim": null,
    "TimeTerminalId": null,
    "Accounts": [],
    "TimeScheduleTypes": []
  },
  {
    "EmployeeNr": "107",
    "EmployeeExternalCode": null,
    "TimeStamp": "2026-05-07T14:00:00",
    "TimeStampEntryType": 0,
    "IsBreak": false,
    "AccountNr": null,
    "SieAccountDim": null,
    "TimeTerminalId": null,
    "Accounts": [],
    "TimeScheduleTypes": []
  },
  {
    "EmployeeNr": "107",
    "EmployeeExternalCode": null,
    "TimeStamp": "2026-05-07T16:00:00",
    "TimeStampEntryType": 0,
    "IsBreak": false,
    "AccountNr": null,
    "SieAccountDim": null,
    "TimeTerminalId": null,
    "Accounts": [],
    "TimeScheduleTypes": []
  }
]

```

4.2 Employee without punches

Given



GET

```
/Personell/Time/TimeStampEntry?companyApiKey={CompanyApiKey}&connectApiKey={{ConnectApiKey}}&token={{token}}&dateFrom=2026-05-06&dateTo=2026-05-06&employeeNrsStrings=101
```

Response

[]

4.3 All employees with punches

GET

```
/Personell/Time/TimeStampEntry?companyApiKey={CompanyApiKey}&connectApiKey={{ConnectApiKey}}&token={{token}}&dateFrom=2026-05-06&dateTo=2026-05-06&employeeNrsStrings=NULL
```

4.4 Request sample

GET

</Personell/Time/TimeStampEntry?companyApiKey=...&connectApiKey=...&token=...&dateFrom=2025-06-01&dateTo=2025-06-30&employeeNrsStrings=NULL>

Resonse

```
[
  {
    "EmployeeNr": "EMP001",
    "EmployeeExternalCode": "EXT-EMP001",
    "TimeStamp": "2025-06-20T08:00:00Z",
    "TimeStampEntryType": "In",
    "IsBreak": false,
    "AccountNr": "4001",
    "SieAccountDim": 1,
    "TimeTerminalId": 5,
    "Accounts": [
      {
        "AccountNr": "4001",
        "SieAccountDim": 1
      }
    ],
    "TimeScheduleTypes": [
      {
        "TimeScheduleTypeCode": "MorningShift"
      }
    ]
  }
]
```

5. SoftOne GO UI Mapping

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>

EmployeeNr

The endpoint property *EmployeeNr* corresponds to the field *Employee ID* in SoftOne GO, which can be viewed - among other locations – via the following navigation path:

Staff > Employee > Employees

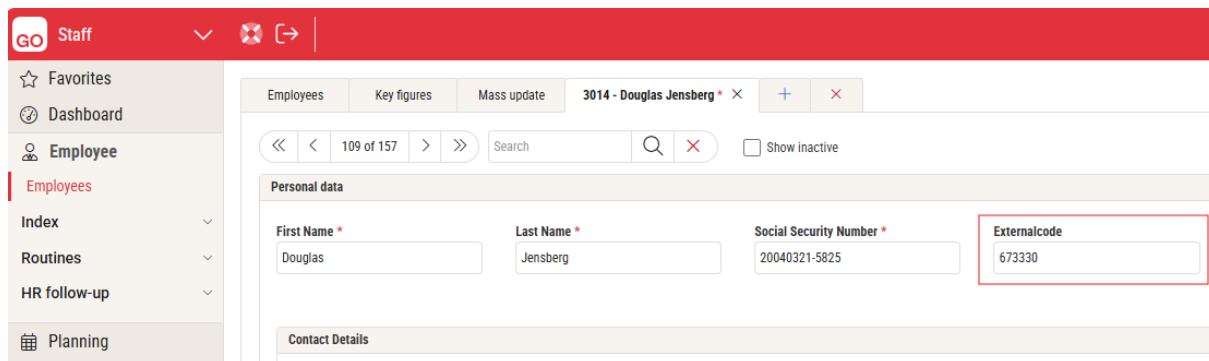
The screenshot shows the 'Employees' page in the SoftOne GO interface. The left sidebar contains navigation options like Favorites, Dashboard, Employee, Employees, Index, Routines, HR follow-up, Planning, Time, Salary, Import, Export, Reports, and Settings. The main content area displays a table of employees with columns for Active, Employee ID, Name, Time agreement, Employment position, Employ. rate, and Weekly working hours. The row for Employee ID 3014, Douglas Jensberg, is highlighted with a red box. Above the table, there are filters for 'View employment for date' (6/2/25) and checkboxes for 'Show inactive', 'Show ended', and 'Show not started'. A search bar at the top right shows '3014 Douglas Jensberg' with a red box around the ID.

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

EmployeeExternalCode

The endpoint property *EmployeeExternalCode* corresponds to the field *ExternalCode* in SoftOne GO and can be viewed - among other locations - via the following navigation path:

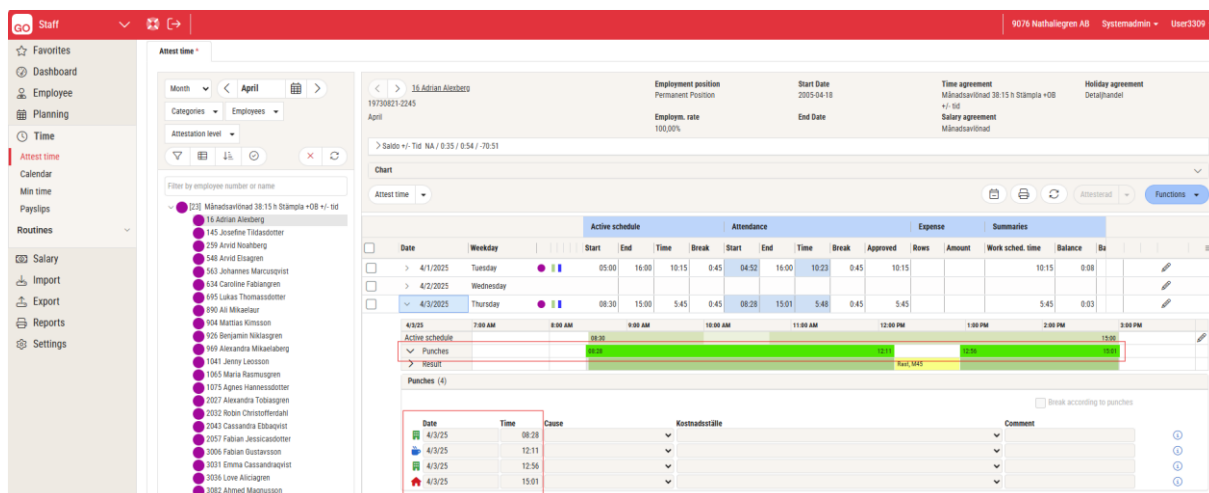
Staff > Employee > Employees (open employee card)



TimeStamp

The endpoint property *TimeStamp* corresponds to *Punches* in SoftOne GO and can be viewed - among other locations - via the following navigation path:

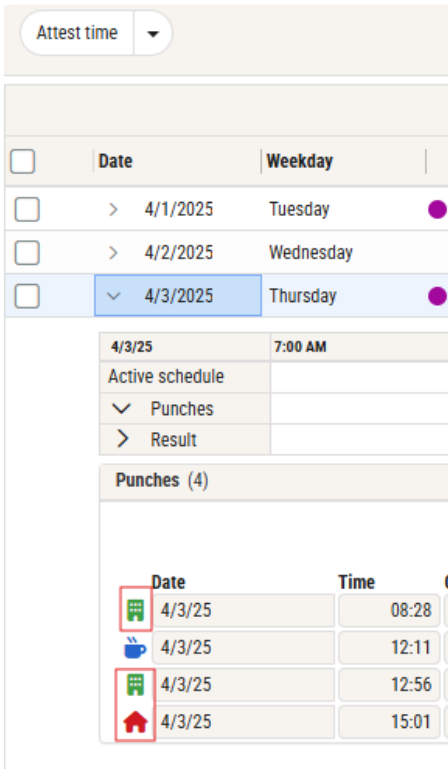
Staff > Time > Attest time (open details for a day row)



TimeStampEntryType

The endpoint property *TimeStampEntryType* corresponds to *In* and *Out* punches that can be viewed - among other locations - via the following navigation path:

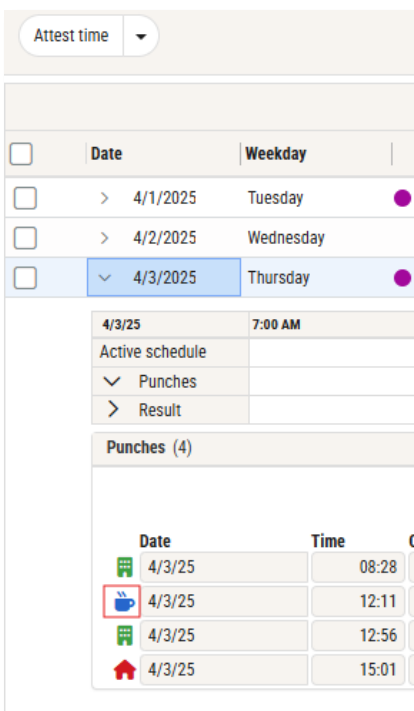
Staff > Time > Attest time (open details for a day row).



IsBreak

The endpoint property *IsBreak* corresponds to *Break* punches that can be viewed - among other locations - via the following navigation path:

Staff > Time > Attest time (open details for a day row).



AccountNr

The endpoint property *AccountNr* corresponds to one of the levels of the *financial affiliation* (if the organisation is using an economical organisation structure in GO) or a *Category* (if the organisation is using a category structure in GO).

In context of time reporting, the user-entered accounting data, defines the deviating cost allocation. It can be cost centre, department, project, etc.)

How the organisation structure is set up is found in the following location:

Finance > Accounting > Coding levels (the example shows an economical structure)

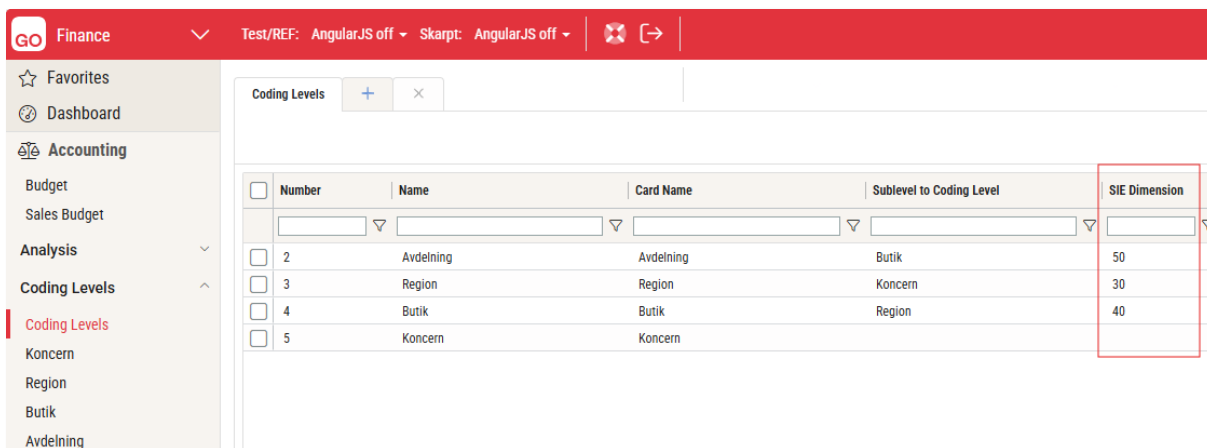
The screenshot shows the 'Coding Levels' configuration page in the SoftOne Finance application. The left sidebar contains a navigation menu with the following items: Favorites, Dashboard, Accounting, Budget, Sales Budget, Analysis, Coding Levels (highlighted with a red box), Coding Levels, Koncern, Region (highlighted with a red box), Butik, Avdelning, and Index. The main content area displays a table of coding levels with the following data:

Active	Number	Name
<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	1000	Stockholm
<input checked="" type="checkbox"/>	2000	Göteborg
<input checked="" type="checkbox"/>	3000	Malmö
<input checked="" type="checkbox"/>	4000	Sverige Norr
<input checked="" type="checkbox"/>	4500	Sverige Mellan
<input checked="" type="checkbox"/>	5000	Sverige Söder

SieAccountDim

The endpoint property *SieAccountDim* corresponds to the field *SIE Dimension* that can be found at this location:

Finance > Accounting > Coding levels > Coding levels



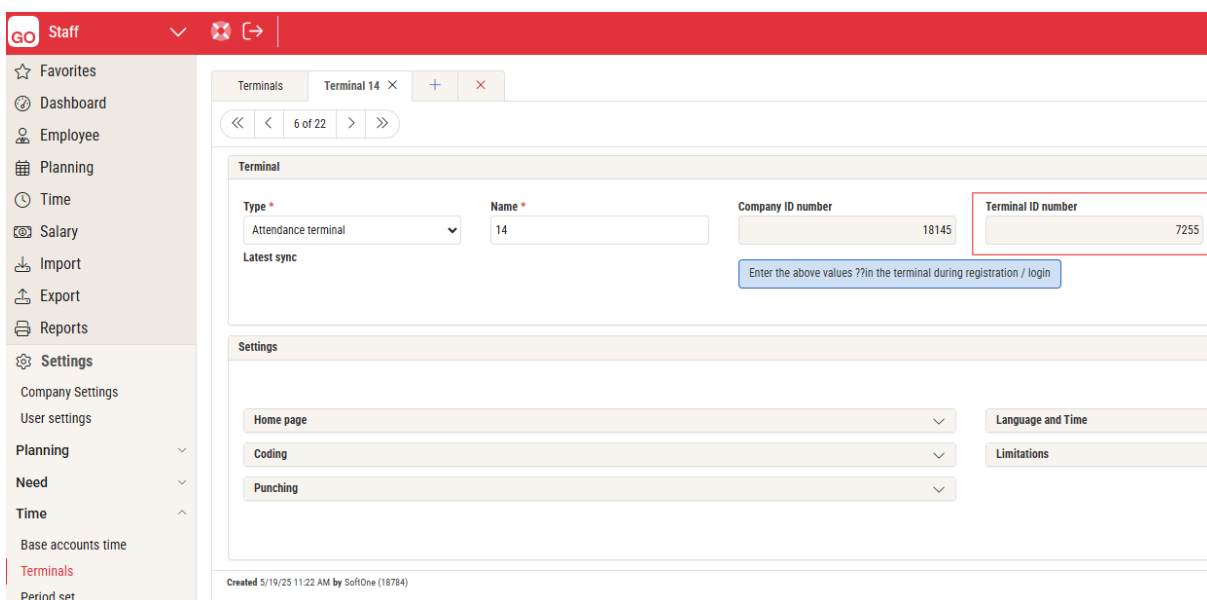
Number	Name	Card Name	Sublevel to Coding Level	SIE Dimension
2	Avdelning	Avdelning	Butik	50
3	Region	Region	Koncern	30
4	Butik	Butik	Region	40
5	Koncern	Koncern		

In context of import from an external system, this property is used to define which level the number sent in on the property *AccountNr* refers to.

TimeTerminalId

The endpoint property *TimeTerminalId* corresponds to the field *Terminal ID number* that can be found at this location:

Staff > Settings > Terminals (open the dialog form of a terminal).



Type *	Name *	Company ID number	Terminal ID number
Attendance terminal	14	18145	7255

Latest sync: Enter the above values ??in the terminal during registration / login

Settings:

- Home page: [dropdown]
- Coding: [dropdown]
- Punching: [dropdown]
- Language and Time: [dropdown]
- Limitations: [dropdown]

Created 5/19/25 11:22 AM by SoftOne (18784)

Accounts

The endpoint property *Accounts* is an array consisting of the above described *AccountNr* and *SieAccountDim* and is used when multiple levels are reported.

TimeScheduleTypes

The endpoint property *TimeScheduleTypes* corresponds to the *Attendance time codes* and *Absence time codes*. The *TimeScheduleTypes* can be consider a way of “tagging” a specific allowance and deductions that in the end will affect the employee’s salary.

The list of attendance time codes can be found at this location:

Staff > Settings > Time > Attendance time codes or *Absence time codes*

Ac...	Code	Name	Description	Salary IDs
<input checked="" type="checkbox"/>				
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Arbete inom schema	Arbete inom schema	Timlön
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Arbete utanför sch	Arbete utanför sch	Timlön
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ArbTidMånad	Arbetad tid vid månadslösn	Arbetad tid vid månadslösn
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Kontroll Övertid	Kontroll Övertid	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mertid	Mertid	Mertid
<input type="checkbox"/>	<input checked="" type="checkbox"/>	OB 100%	OB 100%	OB 100%
<input type="checkbox"/>	<input checked="" type="checkbox"/>	OB 50%	OB 50%	OB 50%
<input type="checkbox"/>	<input checked="" type="checkbox"/>	OB 70%	OB 70%	OB 70%
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tillägg inventering	Tillägg inventering	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid div 72	Övertid div 72	Övertid kvalificerad, betald
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid div 94	Övertid div 94	Övertid enkel, betald
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid komp 1,5	Övertid komp 1,5	Övertid komsaldo, faktor 1,5
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid Komp 100%	Övertid Komp 100%	Övertid komsaldo, faktor 2,0
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid komp 2,0	Övertid komp 2,0	Övertid komsaldo, faktor 2,0
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid Komp 50%	Övertid Komp 50%	Övertid komsaldo, faktor 1,5
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid Komp 70%	Övertid Komp 70%	Övertid komsaldo, faktor 1,75
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid Pengar 100%	Övertid Pengar 100%	Övertid 100%, betald
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid Pengar 50%	Övertid Pengar 50%	Övertid 50%, betald
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Övertid Pengar 70%	Övertid Pengar 70%	Övertid 70%, betald