



SoftOne GO: API Endpoint

CompanyTimeInformation (Post)



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Contents

1. CompanyTimeInformation (Post)	3
1.1 Endpoint description	3
2. API Access Information	3
2.1 Read more	3
3. Request parameters	3
3.1  Authentication	3
3.2  Main Structure	4
3.3 Request sample	4
3.4 Response parameters	5
3.5 Response sample	5
4. Request examples	6
4.1 Example request X	6
4.2 Example request Y	6
5. Application Reference - SoftOne GO	7
6. Additional information	8
6.1 Pre-conditions / How to get started	8
6.2 Use cases	8
6.3 Best practices	8
6.4 Limitations	8
6.5 Post conditions / Expected outcome	8
6.6 Tips for the integrator	8
7. Revision history	9

1. CompanyTimeInformation (Post)

API Endpoint: CompanyTimeInformation (Post) | Retrieve aggregated time data by date and company

1.1 Endpoint description

The **CompanyTimeInformation** endpoint provides aggregated time-based data across a company for a specified number of days into the past. The information is grouped by logical keys and includes net and gross worked time, optionally along with associated costs. This endpoint is commonly used for centralized reporting, dashboards, and high-level resource analysis.

2. API Access Information

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

2.1 Read more

To read the full technical documentation in *Swagger*, please click this link: [CompanyTimeInformation](#)

3. Request parameters

3.1 Authentication

The following authentication parameters must be included in each request to securely identify the client and authorize access to the SoftOne GO API.

Name	Data type	Mandatory	Description
companyApiKey	string	Yes	Unique company identifier
connectApiKey	string	Yes	Unique integration partner identifier
Token	string	Yes	The unique authentication token for the user request

3.2 Main Structure

The table below outlines the fields required in the request body when calling this endpoint.

Name	Data type	Mandatory	Description
Keys	array of objects	Yes	List of unique key combinations identifying entities for aggregation.
DaysOfHistory	integer	Yes	Number of days into the past from today to retrieve data for (up to yesterday).
CalculateCost	boolean	No	Set to true if cost calculations should be included in the results.

3.3 Request sample

The following example shows how to request aggregated time data for two main keys over the last 7 days, including cost calculations:

```
{
  "Keys": [
    {
      "MainKey": "DEPT-001",
      "ControlKey": "SHIFT-A"
    },
    {
      "MainKey": "DEPT-002",
      "ControlKey": "SHIFT-B"
    }
  ],
  "DaysOfHistory": 7,
  "CalculateCost": true
}
```

3.4 Response parameters

The response contains the calculated aggregated time rows for each main key and optional message text.

Name	Data type	Description
CompanyTimeInformationRows	array of objects	List of rows with aggregated values per key and day.
Message	string	Optional informational or error message from the system.

3.5 Response sample

The following sample response shows time and cost data grouped by MainKey and date:

```
{
  "CompanyTimeInformationRows": [
    {
      "MainKey": "DEPT-001",
      "Name": "Sales Department",
      "Date": "2025-06-20T00:00:00Z",
      "NetMinutes": 420,
      "GrossMinutes": 480,
      "Cost": 920.50
    },
    {
      "MainKey": "DEPT-002",
      "Name": "Support Team",
      "Date": "2025-06-20T00:00:00Z",
      "NetMinutes": 390,
      "GrossMinutes": 450,
      "Cost": 870.00
    }
  ],
  "Message": "2 departments aggregated successfully."
}
```

4. Request examples

4.1 Example request X

[Provide a short explanation/description of the example + add the actual post, body and response]

POST

<https://apiexternal.softone.se/...>

BODY

[...]

4.2 Example request Y

[Provide a short explanation/description of the example + add the actual post, body and response]

POST

<https://apiexternal.softone.se/...>

BODY

[...]

5. 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>

6. Additional information

[This chapter is optional. If the chapter is included, then use only those sub-chapters that is adequate for this endpoint and remove the rest]

6.1 Pre-conditions / How to get started

[What needs to be in place in SoftOne GO before being able to run a data exchange: technical prerequisites, data in GO, etc.]

6.2 Use cases

[Describe the common practices when used]

6.3 Best practices

[Describe the common practices SoftOne recommend]

6.4 Limitations

[Describe known limitations]

6.5 Post conditions / Expected outcome

[Describe the expected outcome]

6.6 Tips for the integrator

[Provide good-to-know information here]

7. Revision history

Version	Date	Author	Description
0.1 (beta edition)	2025-05-13	Erik Arvidsson	First draft. Not completed. Not reviewed.