








SoftOne GO: API Endpoint

Supplier/Invoice/Image



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1. Supplier/Invoice/Image

API Endpoint: Supplier/Invoice/Image | Fetch supplier invoice image

1.1 Summary

The **Invoice/Image** API endpoint is used to fetch a single supplier invoice image by its ID. The calling user must have **permission level 21** for the request to succeed.

For latest technical documentation in *Swagger*, please click this [link](#).

2. Request

2.1 General Information

- Endpoint URL: <https://apiexternal.softone.se/Economy/Supplier/Invoice/Image>
- Method: GET

2.2 Request parameters

Note: authentication parameters (companyApiKey, connectApiKey and token) must always be included. Read more here: [API Identification and Token Generation](#).

2.2.1 Main Structure - Employee

This section defines the core structure of the request payload for each employee being created or updated.

Name	Data type	Mandatory	Description
EmployeeNr	string	Yes, if there is no EmployeeExternalCode	Employee number is the key to identifying the correct employee to update. If the employee number is not found, the system assumes it is a new employee to be added.
EmployeeExternalCode	string	Yes, if there is no EmployeeNr	External employee ID used for external system reference to the employee. If the employee is not found, the system will check EmployeeNr and if this is not found, it is assumed a new employee to be added.
OrganisationNr	string	Yes, if more than one organisation exists <i>within the license</i> .	Organization number associated with the employee
<i>HasChanges</i>	boolean	No	<i>Indicates if any changes have been made</i>
<i>ValidationErrors</i>	array	No	<i>List of validation errors (if object is invalid)</i>
EmployeeChangeRowIOs	array	Yes	List of change rows related to the employee (see below)

3. EmployeeChangeRowIOs - Changes related to employee

This section specifies the list of changes associated with the employee. Each row describes a single type of change to be applied.

Field	Data type	Mandatory	Description
EmployeeChangeType	Enum	Yes	Type of change, such as new employment or change in work percent
Value	string	Yes	The new value to be applied for the specified change type.
FromDate / ToDate	datetime	No	The time period during which the change should apply. If only FromDate is provided, the change is considered indefinite.
OptionalExternalCode	string	Depends on type	External reference code required for some change types. For example, AttestRole where AccountCode is the external code.
OptionalEmploymentDate	Datetime	No	A specific date related to certain employment actions. It is mandatory for CRUD on employment
OptionalEmploymentExternalCode	string	No	Used when multiple employments exist on the same date. It is mandatory if multiple employments exist at the same date with different codes.
Sort	int	No	Determines the order in which multiple changes are processed. Lower values indicate higher priority.
Delete	boolean	No	Indicates if the associated data should be removed. It is used to delete the connection between an employee and a connected role.
Trace	string	No	Metadata used for traceability and logging purposes. Useful for debugging or audit trails.
PreviousValue	string	No	Used to find an existing value (when multiple can be found, such as AttestRole and UserRole)
NewEmploymentRows	array	No	Details of new employment (see below)
ValidationErrors ??	array	No	Validation errors for this change row
IsValid ??	boolean	No	Indicates if the change is valid

4. NewEmploymentRows - New Employment Information

This section provides details for creating or updating employment contracts, used in conjunction with change rows.

Field	Data type	Mandatory	Description
DateFrom	datetime	Yes	Start date of the employment
DateTo	datetime	No	End date of the employment
EmploymentTypeCode	string	No	Code identifying type of employment
WorkTimeWeek / FullTimeWorkTimeWeek / BaseWorkTimeWeek	float		Work hours per week in various contexts
EmploymentPercent	float		Employment extent (in percent)
ExperienceMonths	int		Number of experience months
ExperienceAgreedOrEstablished	boolean		Whether experience is agreed upon or established
WorkPlace	string		Workplace location
SpecialConditions	string	No	Special conditions associated with the employment.
Comment	string	No	Additional comments about the employment
SubstituteFor	string	No	The name of the person that this person substitutes for.
SubstituteForDueTo	string	No	The reason for substituting the first person
EmployeeGroupCode	string	Yes	Group codes for employee
PayrollGroupCode	string	No	Group codes for payroll
VacationGroupCode	string	No	Group codes for vacation
WorkTasks	string	No	Description of work tasks
ExternalCode	string	No	External code for the employment
IsSecondaryEmployment	boolean	No	Whether this is a secondary employment
IsTemporaryPrimary	boolean	No	Whether this is a temporary primary employment
HibernatingEmploymentAbsenceCause	string	No	Reason for absence if the

			employment is dormant
ToDateOnPreviousEmploymentIfExists	datetime	No	End date of previous employment if it exists
OptionalEmploymentExternalCodeOnPreviousEmployment	string	No	External code for previous employment

4.1 Request sample

Here follows a request example in JSON format:

```
[
  {
    "EmployeeNr": "123456",
    "EmployeeExternalCode": "EXT-EMP-789",
    "OrganisationNr": "556677-8899",
    "ValidationErrors": [],
    "HasChanges": true,
    "EmployeeChangeRowIOs": [
      {
        "EmployeeChangeType": "UpdateEmploymentPercent",
        "Value": "75",
        "FromDate": "2025-04-01T13:45:00Z",
        "ToDate": "2025-12-31T23:59:59Z",
        "OptionalExternalCode": "CHG-001",
        "OptionalEmploymentDate": "2020-01-15T08:00:00Z",
        "OptionalEmploymentExternalCode": "EMP-2020-01",
        "Sort": 1,
        "Delete": false,
        "Trace": "Auto-import via API v2.1",
        "PreviousValue": "50",
        "NewEmploymentRows": [
          {
```

```
"DateFrom": "2025-04-01T13:45:00Z",
"DateTo": "2025-12-31T23:59:59Z",
"EmploymentTypeCode": "FULLTIME",
"WorkTimeWeek": 30,
"FullTimeWorkTimeWeek": 40,
"EmploymentPercent": 75,
"ExperienceMonths": 24,
"ExperienceAgreedOrEstablished": true,
"WorkPlace": "Stockholm HQ",
"SpecialConditions": "Works remotely on Fridays",
"Comment": "Returning from parental leave",
"BaseWorkTimeWeek": 40,
"SubstituteFor": "",
"SubstituteForDueTo": "",
"EmployeeGroupCode": "CONSULT",
"PayrollGroupCode": "PG1",
"VacationGroupCode": "VG1",
"WorkTasks": "Client delivery, internal training",
"ExternalCode": "EMP-123456-APR2025",
"IsSecondaryEmployment": false,
"IsTemporaryPrimary": false,
"HibernatingEmploymentAbsenceCause": "",
"ToDateOnPreviousEmploymentIfExists": "2025-03-31T23:59:59Z",
"OptionalEmploymentExternalCodeOnPreviousEmployment": "EMP-123456-OLD"
}
],
"ValidationErrors": [],
"IsValid": true
}
]
```

```
}
]
```

Response parameters

5. Top-Level Response Structure

This section describes the top-level fields returned in the API response after submitting employee data. It provides summary information such as status flags and counts.

Name	Data type	Description
Invalid	boolean	Indicates if the response contains any invalid data
InvalidMessage	string	Message explaining why the response is invalid
NrOfReceivedEmployees	int	Number of employee records received
NrOfCommittedEmployees	int	Number of employees successfully committed
NrOfPartlyCommittedEmployees	int	Number of employees partially committed
NrOfUnCommittedEmployees	int	Number of employees not committed
Employees	array	List of employee result objects (see below)

6. Employee Result Object

This section details the fields included in each employee object within the response. These objects report on individual employee processing results.

Field	Data type	Description
EmployeeNr	string	Internal employee number
EmployeeExternalCode	string	External employee ID
OrganisationNr	string	Organization number
ValidationErrors	array	Validation errors associated with the employee
HasChanges	boolean	Indicates if any changes were made
EmployeeChangeRowIOs	array	List of change row results

7. EmployeeChangeRowIO Result Object

This section outlines the structure of individual change rows within an employee result, describing each change attempt.

Field	Data type	Description
EmployeeChangeType	string	Type of employee change
Value	string	The value being changed
FromDate / ToDate	datetime	Date range for the change
OptionalExternalCode	string	Optional external code for the change
OptionalEmploymentDate	datetime	Optional employment start date
OptionalEmploymentExternalCode	string	External code for the employment
Sort	int	Sort order of the change

Delete	boolean	Indicates if the row is marked for deletion
Trace	string	Trace information for tracking
PreviousValue	string	Previous value before the change
NewEmploymentRows	array	Details of new employment (see section below)
ValidationErrors	array	List of validation errors specific to this change row
IsValid	boolean	Whether the change row is valid

8. New Employment Row Object

This section specifies the details of new employment rows, used when creating or updating employment contracts.

Field	Data type	Description
DateFrom / DateTo	datetime	Employment period
EmploymentTypeCode	string	Code representing the type of employment
WorkTimeWeek / FullTimeWorkTimeWeek / BaseWorkTimeWeek	float	Weekly work time measures
EmploymentPercent	float	Employment percentage
ExperienceMonths	int	Number of months of experience
ExperienceAgreedOrEstablished	boolean	Whether experience is agreed or established
WorkPlace	string	Location of employment
SpecialConditions / Comment	string	Special conditions and comments
SubstituteFor / SubstituteForDueTo	string	Substitute information and reasons
EmployeeGroupCode / PayrollGroupCode / VacationGroupCode	string	Group codes for employee, payroll, and vacation
WorkTasks	string	Job responsibilities
ExternalCode	string	External identifier for the employment
IsSecondaryEmployment	boolean	Is this a secondary job?
IsTemporaryPrimary	boolean	Is this a temporary primary job?

HibernatingEmploymentAbsenceCause	string	Reason for absence due to hibernation
ToDateOnPreviousEmploymentIfExists	datetime	End date of the previous employment if applicable
OptionalEmploymentExternalCodeOnPreviousEmployment	string	External code for the previous employment

9. Validation Error Object

This section defines the structure of validation error messages, which detail problems encountered during processing.

Field	Data type	Description
Type	string	The type/category of the error
Error	string	The specific error code or identifier
Value	object	The value that caused the error
Message	String	A descriptive error message

9.1 Response sample

Sample of data returned in JSON format:

```
{
  "Invalid": false,
  "InvalidMessage": "",
  "NrOfReceivedEmployees": 1,
  "NrOfCommittedEmployees": 1,
  "NrOfPartlyCommittedEmployees": 0,
  "NrOfUnCommittedEmployees": 0,
  "Employees": [
    {
      "EmployeeNr": "123456",
      "EmployeeExternalCode": "EXT-EMP-789",
      "OrganisationNr": "556677-8899",
      "ValidationErrors": [],
      "HasChanges": true,
      "EmployeeChangeRowIOs": [
        {
          "EmployeeChangeType": "UpdateEmploymentPercent",
          "Value": "75",
          "FromDate": "2025-04-01T13:45:00Z",
          "ToDate": "2025-12-31T23:59:59Z",
          "OptionalExternalCode": "CHG-001",
          "OptionalEmploymentDate": "2020-01-15T08:00:00Z",
          "OptionalEmploymentExternalCode": "EMP-2020-01",
          "Sort": 1,
          "Delete": false,
          "Trace": "Validated and processed by API",
          "PreviousValue": "50",
          "NewEmploymentRows": [
```

```
{
  "DateFrom": "2025-04-01T13:45:00Z",
  "DateTo": "2025-12-31T23:59:59Z",
  "EmploymentTypeCode": "FULLTIME",
  "WorkTimeWeek": 30,
  "FullTimeWorkTimeWeek": 40,
  "EmploymentPercent": 75,
  "ExperienceMonths": 24,
  "ExperienceAgreedOrEstablished": true,
  "WorkPlace": "Stockholm HQ",
  "SpecialConditions": "Flexible working hours",
  "Comment": "Approved by HR",
  "BaseWorkTimeWeek": 40,
  "SubstituteFor": "",
  "SubstituteForDueTo": "",
  "EmployeeGroupCode": "DEVTEAM",
  "PayrollGroupCode": "PG1",
  "VacationGroupCode": "VG1",
  "WorkTasks": "Software development and team coordination",
  "ExternalCode": "EMP-123456-APR2025",
  "IsSecondaryEmployment": false,
  "IsTemporaryPrimary": false,
  "HibernatingEmploymentAbsenceCause": "",
  "ToDateOnPreviousEmploymentIfExists": "2025-03-31T23:59:59Z",
  "OptionalEmploymentExternalCodeOnPreviousEmployment": "EMP-123456-0"
}
],
"ValidationErrors": [],
"IsValid": true
}
```

```
    ]  
  }  
]  
}
```

10. Request examples

10.1 Example request - Add employment with minimum data

Please note that actual mandatory requirements may differ depending on how the setup is customized.

Running this request will add a new employee to SoftOne GO

POST

```
https://apiexternal.softone.se/Personell/Employee/Employment?companyApiKey={companyApiKey}&connectApiKey={connectApiKey}&token={token}
```

BODY

[...]

10.2 Example request - Update a specific employee field in SoftOne GO

Running this request will update the first name of an existing employee in SoftOne GO.

Which *EmployeeChangeType* number (Enum) that corresponds to which field can be found on the following page. [EmployeeChangeType – Detailed guide](#). It is also possible to use the parameter name instead of the Enum.

POST

```
https://apiexternal.softone.se/Personell/Employee/Employment?companyApiKey={companyApiKey}&connectApiKey={connectApiKey}&token={token}
```

BODY

```
[
  {
    "EmployeeNr": "1800000013",
    "EmployeeExternalCode": "34567A",
    "OrganisationNr": "5560640120",
    "EmployeeChangeRowIOs": [
      {
        "EmployeeChangeType": "2",
        "Value": "Eric"
      }
    ]
  }
]
```

```
    }  
  
    ]  
  }  
]
```

11. The properties explained in context of SoftOne GO

This section presents the mapping between each parameter in the API endpoint and its corresponding field in the SoftOne GO interface. It also describes the purpose of each property in context of SoftOne GO and if it is a mandatory or optional field.

12. Additional information

12.1 Pre-conditions / How to get started

No information yet.

12.2 Use cases

No use cases yet.

12.3 Best practices

No information yet.

12.4 Limitations

No information yet.

12.5 Post conditions / Expected outcome

No information yet.

12.6 Tips for the integrator

No information yet.

13. Revision history

Version	Date	Author	Description
0.1 (beta edition)	2025-05-09	Erik Arvidsson	First draft. Not completed. Not reviewed.