

AUTOMATED DATA EXPORT V1.3

For integration and consolidation of the information, ScheduleInterpreter® data file can be automatically uploaded to a secure FTP server on a daily basis or on-demand.



This is a DRAFT proposal

DATA STRUCTURE

All information is exported in JSON structure. Global scope of the data is defined by level one keys, for example, `account` or `assignment`. See sample structure below.

```
{
  "name": "Best Interpreters, Inc.",
  "start_date": "2020-01-01",
  "end_date": "2020-12-31",
  "account": [],
  "vendor": [],
  "invoice": [{
    "item": []
  }],
  "bill": [{
    "item": []
  }],
  "assignment": []
}
```

The following level one keys are available:

| Key | Description | Type |
|-------------------------|--|--------|
| name | Name of the organization | string |
| start_date | Start date of transactions in the scope (invoice, payment, etc.) | string |
| end_date | End date of transactions in the scope (invoice, payment, etc.) | string |
| account | Customer accounts (full list is always retrieved) | array |
| vendor new | Vendors (full list is always retrieved) | array |
| invoice | Customer invoices within the scope | array |
| bill new | Vendor bill within the scope | array |
| assignment | All assignments within the scope | array |

CUSTOMER INVOICE KEY

Invoice key contains details about all invoices stored in ScheduleInterpreter®. Invoice is a level 1 key. Below is a sample export code.

```
{
  "invoice": [{
    "id": 123,
    "date": {
      "effective": "2020-01-30",
      "created": "2020-02-02"
    },
    "cost_center": {
      "id": 123,
      "name": "Cost center A"
    }
  }]
}
```

```

    },
    "account": {
      "id": 123,
      "name": "Smith and Smith, LLC"
    }
  },
  "user": {
    "name": "Jack Smith",
    "email": "jack@smith.com"
  },
  "terms": {
    "days": 30,
    "label": "Net 30"
  },
  "po": "321458",
  "balance": 5987456.36,
  "due": "2020-03-02",
  "item": [{
    "line_id": 23,
    "description": "Interpreting",
    "service": {
      "source": "English",
      "tareget": "Spanish"
    },
    "quantity": 1,
    "rate": 12.30,
    "total": 12.30,
    "assignment": {
      "id": 123
    }
  }]
}]
}

```

| Key | Description | Type |
|--------------------------------|---|------------|
| id | Unique ID assigned by ScheduleInterpreter® | integer |
| date change | Container for invoice dates | dictionary |
| created | Date when invoice was created | string |
| effective | Effective date of the invoice | string |
| account change | Container for account details | dictionary |
| id | Unique customer ID assigned by ScheduleInterpreter® | Integer |
| name | Customer account name | string |
| user change | Container for invoice recipient details | dictionary |
| name | Name of the individual who received the invoice | string |
| email | Name of the individual who received the invoice | string |
| terms change | Invoice payment terms | string |
| days | Number of days | integer |
| label | Invoice payment terms | string |

| | | |
|---------|---|--------|
| po | Invoice purchase order | string |
| balance | Invoice balance | real |
| due | Date when invoice is due (always effective data + terms days) | string |
| item | List of items within the invoice | array |

INVOICE ITEM KEY

Invoice item key contains details about all items within a single invoice. Item is a level 2 key.

| Key | Description | Type |
|--------------------------------|--|------------|
| line_id | Unique ID assigned by ScheduleInterpreter® | integer |
| description | Description of the charge | string |
| service new | Assignment services | dictionary |
| source | Source language | string |
| target | Target language | string |
| quantity | Quantity of units billed | real |
| rate | Rate per unit | real |
| total | Total for the line of invoice | real |
| assignment change | Container for assignment details | dictionary |
| id | Unique ID assigned by ScheduleInterpreter® | integer |



Only invoices created using assignment information can be exported.

VENDOR BILL KEY

Bill key contains details about all bills stored in ScheduleInterpreter®. Bill is a level 1 key. Below is a sample export code.



Vendor bill key is pending final approval

```
{
  "bill": [{
    "id": 123,
    "date": {
      "effective": "2020-01-30",
      "created": "2020-02-02"
    },
    "vendor": {
      "id": 123,
      "name": "Mike Smith"
    }
  }]
}
```

```

    "item": [{
      "line_id": 32,
      "description": "Interpreting",
      "service": {
        "source": "English",
        "tareget": "Spanish"
      }
      "quantity": 1,
      "rate": 12.30,
      "total": 12.30,
      "assignment": {
        "id": 123
      }
    }]
  }
}

```

| Key | Description | Type |
|-----------|---|------------|
| id | Unique ID assigned by ScheduleInterpreter® | integer |
| date | Container for invoice dates | dictionary |
| created | Date when invoice was created | string |
| effective | Effective date of the invoice | string |
| vendor | Container for vendor details | dictionary |
| id | Unique customer ID assigned by ScheduleInterpreter® | Integer |
| name | Customer account name | string |
| item | List of items within the invoice | array |

BILL ITEM KEY

Bill item key contains details about all items within a single invoice. Item is a level 2 key.

| Key | Description | Type |
|-------------|--|------------|
| line_id | Unique ID assigned by ScheduleInterpreter® | integer |
| description | Description of the charge | string |
| service | Assignment services | dictionary |
| source | Source language | string |
| target | Target language | string |
| quantity | Quantity of units billed | real |
| rate | Rate per unit | real |
| total | Total for the line of invoice | real |

| | | |
|------------|--|------------|
| assignment | Container for assignment details | dictionary |
| id | Unique ID assigned by ScheduleInterpreter® | integer |

ACCOUNT KEY

Account key contains information about all customer accounts. Account is a level 1 key. Below is a sample export code.

```
{
  "account": [{
    "id": 123,
    "id_import": "A-123",
    "id_platform": "987-Z",
    "name": "Smith and Smith, LLC",
    "active": true,
    "address": [{
      "type": "primary",
      "street": "1212 Main Street, #444",
      "city": "New York",
      "state": "NY",
      "zip": "10000",
      "country": "us"
    }],
    "sub_account": [{
      "id": 321,
      "name": "East coast office",
      "active": true,
      "address": [{
        "type": "primary",
        "street": "100 Barkley Av.",
        "city": "San Francisco",
        "state": "CA",
        "zip": "90000",
        "country": "us"
      }]
    }]
  }]
}
```

| Key | Description | Type |
|-------------|--|---------|
| id | Unique ID assigned by ScheduleInterpreter® | integer |
| id_import | ID assigned to account outside of ScheduleInterpreter® | string |
| id_platform | ID assigned to account outside of ScheduleInterpreter® | string |
| name | Name of the entity | string |
| active | Flag describing is account is active | boolean |
| address | Account addresses | array |
| sub_account | List of sub-accounts | array |



id_platform can be used in UI of ScheduleInterpreter® to list IDs from third party integration platform. Sample of such UI enhancement is shown below.

Main hospital [123456]
Cancer center [234567]
Emergency room [345678]
Imaging department [456789]

ACCOUNT ADDRESS KEY

Account address key contains address information. Account address is a level 2 key.

| Key | Description | Type |
|---------|--|--------|
| type | Type of entry. Currently only single value <code>primary</code> is supported | string |
| street | Street address including suite or unit | string |
| city | City | string |
| state | State, province or district | string |
| zip | Zip or postal code | string |
| country | Two letter country code | string |

SUB ACCOUNT KEY

Sub_account key contains information about a sub account and is part of the account key structure. Sub_account is a level 2 key

| Key | Description | Type |
|---------|---|---------|
| id | Unique ID assigned by ScheduleInterpreter® | integer |
| name | Name of the entity | string |
| active | Flag describing is account is active | boolean |
| address | Account addresses (see account address key) | array |

SUB ACCOUNT ADDRESS KEY

Sub_account address key contains address information. Sub_account is a level 3 key, its structure is identical to account address key (see above).

ASSIGNMENT KEY

Assignment key contains address information. Assignment is a level 1 key. Below is a sample export code.

```
{
  "assignment": [{
    "id": 123,
    "date": "2019-01-01",
    "time": "16:30:00",
    "modality": {
      "type": "osi"
    },
    "time_zone": "+06:00:00",
    "service": {
      "source": "English",
      "target": "Spanish"
    },
    "cancelled": false,
    "address": {
```

```

"street": "1212 Main Street, #444",
"city": "New York",
"state": "NY",
"zip": "10000",
"country": "us"
}
}]
}

```

| Key | Description | Type |
|-----------|---|------------|
| id | Unique ID assigned by ScheduleInterpreter® | integer |
| date | Date of the assignment | string |
| time | Time of the assignment (24-hour format) | string |
| modality | Three letter code for modality of the service | string |
| service | Assignment services | dictionary |
| cancelled | Flag describing if assignment is cancelled | boolean |
| address | Location of the assignment | dictionary |



Modality supports only predefined keywords: osi, opi, vri, rsi and vis

MODALITY REFERENCE TABLE

| Keyword | Description | Type |
|---------|----------------------------------|--------|
| osi | On-site interpreting | string |
| opi | Over the phone interpreting | string |
| vri | Video remote interpreting | string |
| rsi | Remote simultaneous interpreting | string |
| vis | Virtual interpreting services | string |

ASSIGNMENT SERVICE KEY

Assignment service key contains data related to the services provided during the assignment. Service is a level 3 key.

| Key | Description | Type |
|--------|-----------------------------------|--------|
| source | Source language of the assignment | string |
| target | Target language of the assignment | string |

ASSIGNMENT ADDRESS KEY

Assignment address key contains information about location.

| Key | Description | Type |
|---------|--|--------|
| street | Street address including suite or unit | string |
| city | City | string |
| state | State, province or district | string |
| zip | Zip or postal code | string |
| country | Two letter country code | string |

VENDOR KEY

Account key contains information about all vendors. Vendor is a level 1 key. Below is a sample export code.

```
{
  "vendor": [{
    "id": 123,
    "title": "Ms.",
    "first_name": "Jane",
    "last_name": "Doe",
    "email": "jane@doe.org",
    "deleted": false,
    "service": ["English", "Spanish"],
    "phone": [
      {
        "number": "7074000503",
        "type": "mobile"
      },
      {
        "number": "7074000503",
        "type": ""
      }
    ],
    "address": [
      {
        "street": "1212 Main Street, #444",
        "city": "New York",
        "state": "NY",
        "zip": "10000",
        "country": "US",
        "type": "business"
      },
      {
        "street": "Indian creek",
        "city": "Miami Beach",
        "state": "FL",
        "zip": "31640",
        "country": "US",
        "type": ""
      }
    ]
  }]
}
```

| Key | Description | Type |
|------------|---|---------|
| id | Vendor ID assigned by ScheduleInterpreter | integer |
| title | Salutation | string |
| first_name | First name of the vendor | string |
| last_name | Last name of the vendor | string |
| deleted | Flag indicating status of the vendor | boolean |
| email | E-mail of the vendor | string |

VENDOR ADDRESS KEY

Vendor address key contains list of addresses associated with the vendor. Vendor address is a level 2 key.

| Key | Description | Type |
|--------|--|--------|
| street | Street portion of the address | string |
| city | City portion of the address | string |
| state | State or province portion of the address | string |

| | | |
|---------|---------------------------------|--------|
| zip | Zip code portion of the address | string |
| country | Two letter country code | string |
| type | Type of address | string |

VENDOR SERVICE KEY

Vendor service key contains list of services. Vendor service is a level 2 key

| Key | Description | Type |
|---------|-----------------|------------|
| service | Vendor services | dictionary |

VENDOR PHONE KEY

Vendor phone key contains list of phone numbers. Vendor phone is a level 2 key.

| Key | Description | Type |
|--------|---|--------|
| number | Phone number | string |
| type | Type of phone number, for example, mobile | string |

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