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.

ℹ 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 `primary` 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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