# ZSAPI

# Change Log

API Version: 3

Database Version: >=2024

Document´s Review: 1.0

On: Jan, 2024

Introduction
Summary

# Introduction

This document complements the Zone Soft's Integration Manual for the ZSAPI, by keeping track of changes applied since the release of version 2.0.

# Summary

Version 2.0 API was rewritten on a new platform that involved some changes in the names of some of the existing interfaces and existing features:

-   New interfaces and entities were introduced.
-   Existing entities have been updated (added new properties).
-   Interfaces that were previously *CamelCase* were *now Capitalized* for example: **ExemptionReasons** for **Exemptionreasons**.
-   Actions that had been marked as *deprecated* in earlier versions are no longer supported.
-   Actions dealing with related entities were moved to new interfaces appropriate for these entities.
-   In the listing requests (**getInstances, etc**) it is now mandatory to have an instance of the model entity (even if it is empty) within a root element with the same name as the model entity in lowercase.
-   introduced Request Limit for the same client at a given time interval. Rejected requests will have a response HTTP/1.1429 Too Many Requests. **note: Requests rejected with HTTP/1.1 429 Too Many Requests will have an html response instead of json**.

# Change Log: v2.0

| Date | Interface[::action] | Description |
|------|---------------------|-------------|
| **2017-05** | - - - | **v2.0** |
| **2017-05** | Numdocseries | New interface for numeroing document series |
| **2017-05** | Sales | New interface for the rows of documents (sales) |

| | | |
|---|---|---|
| **2017-05** | Salesday | New interface for the registration of cash(close of the day) |
| **2017-05** | Subcategories | New interface for subcategories |
| **2017-05** | Subfamilies | New interface for subfamilies |
| **2017-05** | ExemptionReasons | Interface superseded by Exemptionreasons |
| **2017-05** | PaymentTypes | Interface replaced by Paymenttypes |
| **2017-05** | ProductStocks | Interface replaced by Productstocks |
| **2017-05** | ReasonBreaks | Interface replaced by Reasonbreaks |
| **2017-05** | SalesSessions | Interface superseded by Salessessions |
| **2017-05** | SalesStations | Interface superseded by Salesstations |
| **2017-05** | Documents::getSaleInstance | Action overridden by Sales::getInstance |
| **2017-05** | Documents::getSaleInstancesFromDocument | Action overridden by Sales::getInstancesFromDocument |
| **2017-05** | Documents::getNumberDSInstances | Action Replaced by Numdocseries::getInstances |
| **2017-05** | Documents::saveNumberDSInstances | Action Replaced by Numdocseries::saveInstances |
| **2017-05** | Families::getSubFamilyInstance | Action Replaced by Subfamilies: : getInstances |
| **2017-05** | Families::getSubFamilyInstancesFromFamily | Action superseded by Subfamilies::getInstancesFromFamily |
| **2017-05** | Families: saveSubFamilyInstances | Action superseded by Subfamilies::saveInstances |
| **2017-05** | Families::deleteSubFamilyInstances | Action overridden by Subfamilies::deleteInstances. |
| **2017-05** | Families::setSubFamilyInstancesFullSync | Action Replaced by Subfamilies::setFullSync |
| **2017-05** | SalesSessions::getSaleSession | Action Replaced by Salessessions::getInstance |

| 2017-05 | SalesSessions::getSalesDay | Action Replaced by Salesday::getInstance |
|---|---|---|
| 2017- 05 | SalesSessions::saveSalesDayInstances | Action overridden by Salesday::savetInstances |
| 2017-05 | SalesSessions::saveSaleSession | Action superseded by Salessessions::saveInstances |
| 2018-06 | - - - | Rev 1.1 of this guide |
| 2018-06 | - - - | Added limit control numero of requests per client/ip |
| 2018-06 | [all]::getInstances | The presence of an instance of the model *entity is required* - see detail in the requests for listings. |
| 2018-06 | - - - | New property **produtos_codigosbarras** in the Model Product entity - see document Structure of Entities. |
| 2018-06 | - - - | Added to this documentation additional information on the role of ZSAPI and guide for the communication of ZSAPI support requests. |
| 2018-09 | Salesday::getInstances | Action Salesday::getInstances was granted with public access. |
| 2018-11 | [all]::getInstancesToSync | Now supports full listing functionalities. |
| 2018-11 | Clients::saveInstances | Only allow to handle instances with codigo > 1 (codigo = 0 and codigo = 1 are system reserved). |

# Change Log: v2.1

| Date | Interface[::action] | Description |
|---|---|---|
| 2018-11 | - - - | **v2.1** |
| 2018-11 | Timeregisters | New interface timeregisters - provides functionality to obtain employees clock in-out times (read only actions) |

| 2018-11 | Productstockmovements | New interface productstockmovements - provides functionality to obtain a product's stock movements history. |
|---------|----------------------|------|
| 2018-11 | Invoicedocuments | New interface invoicedocuments - provides functionality to create and set null a sale document: 'invoices': doc = VD or doc = FT.<br>**Access to this interface requires special authorization**. |
| 2018-11 | Signeddocumentscounts | New interface signeddocumentscounts - provides functionality to get information about the number invoice documents and woking documents that were created by the ZSAPI. |
| 2018-11 | Documents::saveSignedInstances | Marked as deprecated and it will be replaced with more specialized interfaces in future releases. |
| 2018-11 | Documents::cancelSignedInstances | Marked as deprecated and it will be replaced with more specialized interfaces in future releases. |
| 2018-11 | Wokingdocuments | New interface workingdocuments - provides functionality to create and set null a working document: 'client order': doc = EC.<br>**Access to this interface requires special authorization**. |

## Change Log: v2.2

| Date | Interface[::action] | Description |
|---|---|---|
| **2019-01** | - - - | **v2.2** |
| **2019-01** | Saleszones | New interface saleszones - provides functionality to obtain sales zones data. |
| **2019-01** | Productstocks::getCurrentStockInstancesByBarcode | New action productstocks::getCurrentStockInstancesByBarcode - provide functionality to obtain current stocks for a product using its bar code. |

## Change Log: v2.3

| Date | Interface[::action] | Description |
|---|---|---|
| **2019-06** | - - - | **v2.3** |
| **2019-06** | Movements | New interface movements - provides functionality to obtain movements. |
| **2019-06** | Documents | Removed from documentation references to previously deprecated functionalities |
| **2019-07** | Salessessions | Renamed Model Entity SaleSession to SalesSession - was a typo. |
| **2019-09** | Clients | Fixed error on documentation: Model Entity *Client* field type of 'datacriacao' was '*date'* when should have been '*datetime'*. |

# Change Log: v2.4

| Date | Interface[::action] | Description |
|---|---|---|
| **2020-02** | - - - | **v2.4** |
| **2020-02** | Properties | New interface properties - provides functionality to manage the types of product properties.<br>Model Entity: *Property* |
| **2020-02** | Products::save | Added new field to Model Entity Product: *produtos_propriedades*. Added new functionality to save *ProductProperties* instance when saving products. |

# Change Log: v2.5

| Date | Interface[::action] | Description |
|---|---|---|
| **2020-03** | - - - | **v2.5** internal changes |

# Change Log: v2.6

| Date | Interface[::action] | Description |
|---|---|---|
| **2020-08** | - - - | **v2.6** |
| **2020-08** | Paymentoptions | New interface properties - provides functionality to manage the available payment options.<br>Model Entity: *PaymentOption* |
| **2020-08** | Cancellations | New interface properties - provides functionality to get the cancellation data.<br>Model Entity: *Cancellation* |

## Change Log: v2.7

| Date | Interface[::action] | Description |
|---|---|---|
| **2021-12** | - - - | **v2.7** internal changes |

## Change Log: v2.8

| Date | Interface[::action] | Description |
|---|---|---|
| **2021-03** | Products::save | Added new field to Model Entity Product: produtoscentrosprod. |
| **2021-04** | Paymenttypes | Only allow to handle instances with codigo > 100 (codigo < 100 is system reserved). |
| **2021-04** | Products::save | Added new field to Model Entity Product: famlojasanalogas. |
| **2021-04** | Breaks | New interface for Breaks. |

## Change Log: v2.9

| Date | Interface[::action] | Description |
|---|---|---|
| **2022-05** | Productstocks::getStockInstanceBy Date | Added 2 new fields to Model Entity ProductStock:stock_uninventario, ProductStock:stock_uncompra. |

## Change Log: v2.10

| Date | Interface[::action] | Description |
|---|---|---|
| **2023-01** | - - - | **v2.10** internal changes |

# Change Log: v2.11

| Date | Interface[::action] | Description |
|------|---------------------|-------------|
| 2023-03 | Paymenttypes | Added 2 new fields to Model Entity Paymenttypes:comissao Paymenttypes:financeiro Paymenttypes:editavel |

# Change Log: v2.12

| Date | Interface[::action] | Description |
|------|---------------------|-------------|
| 2023-07 | Documents::saveInstance | Condition added to replace documents of type CFA, CFT, CFS, CVD, CTK, CNC when they already exist |
| 2024-01 | Cashoutflows:getInstances | Action Cashoutflows:getInstances was granted with public access |

# Change Log: v3

| Date | Interface[::action] | Description |
|------|---------------------|-------------|
| 2024-01 | - - - | v3 - New authentication with hmac |
| 2024-01 | Transportdocuments::saveInstance Transportdocuments::saveInstances | New interface Transportdocuments-provides functionality to create a document: 'transport': doc = GT. |
| 2024-01 | Transferdocuments::saveInstance Transferdocuments::saveInstances Transferdocuments::cancelInstance | New interface Transferdocuments-provides functionality to create and cancel a document: transfer: doc = TA. |

## Change Log: v3.1

| Date | Interface[::action] | Description |
|---|---|---|
| **2024-06** | Clients | Added 1 new field to Model Entity Clients:cliente_matriculas |

## Change Log: v3.2

| Date | Interface[::action] | Description |
|---|---|---|
| **2025-04** | Salesday | Added 1 new field to Model Entity Salesday:salesday_details |
| **2025-04** | Cashflowmotives::getInstance Cashflowmotives::getInstances Cashflowmotives::getInstancesToSync | Actions Cashflowmotives grants integrators access. |