

# EN - BS PAYONE PAYMENT-PLUG-IN FOR SHOPWARE

BS PAYONE GmbH

Version 14



# ÜBER DIESES DOKUMENT

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https://confluence.payone-office.de/display/PSAI/EN+-+BS+PAYONE+Payment-Plug-in+for+Shopware



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# PAYONE PAYMENT PLUG-IN FOR SHOPWARE

# GENERAL INFORMATION

The PAYONE Payment Plug-in for Shopware enables the connection of Shopware 4.x and higher to the PAYONE platform for secure and automated handling of all payment processes.

The plug-in supports over 20 national and international payment methods and offers integrated risk management services to minimize the risk of non-payment. The payment type portfolio can be dynamically controlled depending on the creditworthiness of the respective buyer.

The plug-in fits seamlessly into the standard checkout process of the Shopware online shop.

In the Shopware administration area there are extensive configuration and administration options available.

All functions of the plug-in can be configured individually and according to requirements.

# FUNCTIONAL DESCRIPTION

### SUPPORTED PAYMENT METHODS

The plug-in supports the processing of the following payment methods via the PAYONE platform. **Credit cards and debit cards** 





| Visa   | mastercard            | American Ex-<br>press | JCB | Diners Club |
|--|-----------------------|-----------------------|-----|-------------|
|  |                       |                       |     |             |
| maestro.   | DISCOVER <sup>®</sup> |                       |     |             |
| maestro  | Discover              |                       |     |             |
| Depending on the respective acceptance agreement, other payment methods such as Visa Electron, Visa Debit and other cards can also be processed via the aforementioned payment methods. Please contact us if you need further information. |                       |                       |     |             |

### Security procedure (3-D Secure)

| Verified by VISA | MasterCard。<br>SecureCode | SafeKey®     |
|------------------|---------------------------|--------------|
| Verified by Visa | MasterCard SecureCode     | Amex SafeKey |

### online bank transfer





# **Account-based payment methods**

| SEPA<br>Single Euro Payments Area<br>Einheitlicher Euro-Zahlungsverkehrsraum | Vorkasse   | Rechnung | Nachnahme        |
|--|------------|----------|------------------|
| SEPA basic direct debit  | prepayment | bill     | cash on delivery |

### wallet systems

| PayPal | paydirekt | MasterPass (1) | <b>amazon</b> pay | <b>Alipay</b> ° |
|--------|-----------|----------------|-------------------|-----------------|
| PayPal | paydirect | master pass    | Amazon Pay        | alipay          |

### Secured payment methods ("factoring")

| Klarna. | RatePAY  A member of the ette group | Paysafe:<br>Pay Later <sup>™</sup> | Gesicherter Rechnungskauf |
|---------|-------------------------------------|------------------------------------|---------------------------|
| Sarna   | RatePay                             | Paysafe Pay Later                  | PAYONE secured invoice    |

# RISK MANAGEMENT

The following risk management services are supported by the plug-in:

Address Check Basic (20 countries [1])



- Check of the billing address for existence including address correction
- o Check of the delivery address for existence including address correction

### Address Check Person (Germany only)

- Checking the billing address for the existence of the address and for postal deliverability (name, address) including address correction
- Checking the delivery address for the existence of the address and for postal deliverability (name, address) including address correction

### • POS blocking file (direct debit Germany)

Checking of account connections against blocking files from stationary trading

### • Credit assessment (Germany)

- infoscore (hard characteristics only)
- infoscore (all characteristics)
- o infoscore (all features incl. creditworthiness score)
- o Boniversum Address validation, identification (Premium) (address validation and identification)
- Boniversum VERITA Premium Ident S incl. address validation, identification (premium) and special addresses (address validation, identification, score value, special address)

In order to use the aforementioned risk management services, the **Protect module of** the PAYONE platform must be commissioned.

The plausibility and validity check of bank account connections (bank account check) and credit card numbers using LUHN checks (credit card check) is used for processing payments by direct debit and credit card regardless of the functionalities of the Protect module.

In addition, additional risk management services can be used to prevent fraud via the PAYONE platform (IP Check, BIN Check, Velocity Check, Risk Matrix, etc.).

### CREDIT RATING-DEPENDENT CONTROL OF THE PAYMENT PORTEOLIO

The PAYONE Payment Plug-in for Shopware allows you to control which payment methods are offered to your customers, depending on their creditworthiness. The check takes place in real time for each individual buyer during the checkout process.

The settings can be defined differently for each payment type so that the risk checks are only carried out under certain conditions and a payment type is only offered under certain conditions.



# INTEGRATION IN CHECKOUT AND CONNECTION TYPES (INTERFACES)

The payment plug-in fits seamlessly into Shopware's existing checkout process. The communication and data transfer takes place in the background - not visible to the buyer - between the plug-in and the server API of the PAYONE platform. With the credit card payment method, data is transferred during the checkout process for the verification and secure storage of card data via the Client API of the PAYONE platform. Feedback on the status of processed transactions is provided via the transaction status of the PAYONE platform, which is processed by the plug-in to synchronise orders in shopware with their current status.

### LOGGING

All communication with the PAYONE platform is logged and can be viewed in the Shopware administration area for support, testing and debugging purposes:

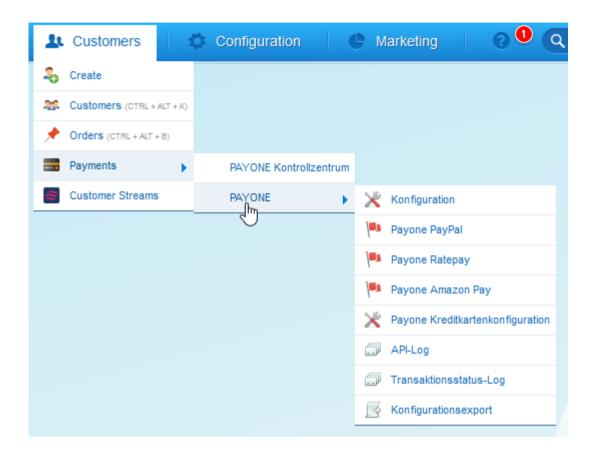
- Risk Management Services
- Payment processing (via Server API interface)
- transaction status

An exception to this are requests sent via the Client API. This only applies to credit card verification during the checkout process.

### CONFIGURATION AND MANAGEMENT OPTIONS OF THE PLUG-IN

The plug-in provides a new menu item PAYONE in the Shopware administration area. All configuration and management options as well as protocols, logs and information are centrally located in this.





# DOWNLOAD AND INSTALLATION

# COMPATIBILITY AND REQUIREMENTS

### **PAYONE Payment Plug-in:**

from Shopware version 4.0.5 Plug-in version 2.x

Please make sure that you always use the latest version of the payment plug-in.
PAYONE only provides support for the current version of the integration.

#### Shopware:



- Edition: Community, Professional or Enterprise Edition
- Version: Version 4.0.0 or higher

#### **PAYONE** merchant account:

- PAYONE Processing or PAYONE Business
  - Server API interface
  - Client API interface (optional)

(if credit or debit cards are to be processed)

- Payment methods as required
- Optional: Protect module (if risk management is to be used)
- Optional: further PAYONE modules (Accounting, Invoicing, Collect, Contract, Billing)

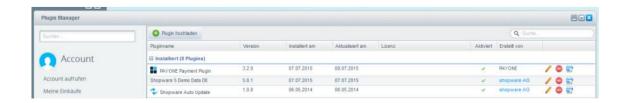
If you do not yet have a PAYONE Merchant account, please contact us. Upon request, we will gladly provide you with a test account.

### DOWNLOAD

The PAYONE Plug-in can be downloaded free of charge from the Shopware Store:



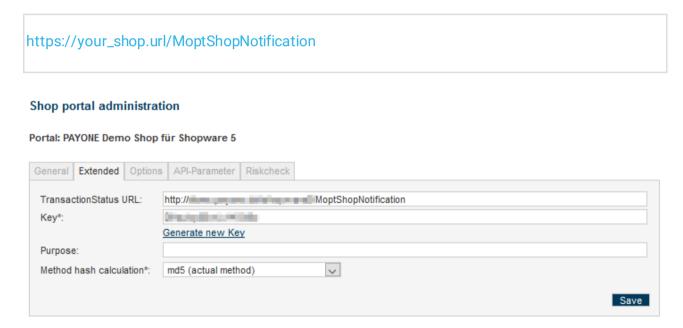
You can install the plug-in directly via the Plug-in Manager and then all the functions of the PAYONE Payment Plug-in for Shopware will be available to you.





### CONFIGURATION IN THE PAYONE MERCHANT INTERFACE

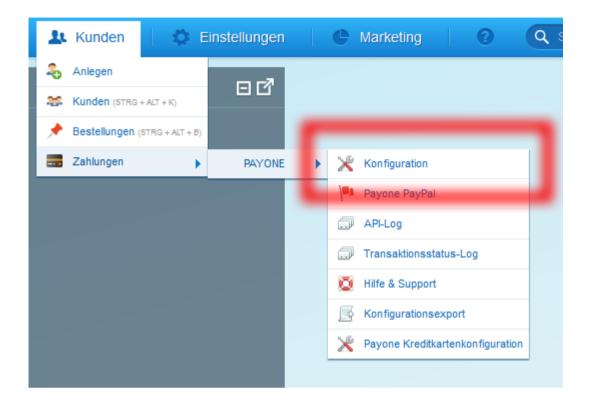
To send the payment status to the correct address, the *following* must be entered in the PAYONE Merchant Interface (PMI) under *Configuration > Payment Portals > YOUR\_PORTAL > Advanced > TransactionsStatus URL*:



# CONFIGURATION

After successful completion of the installation described in the previous chapter, the *PAYONE* menu item is available in the administration area of your Shopware backend under *Customers > Payments*.





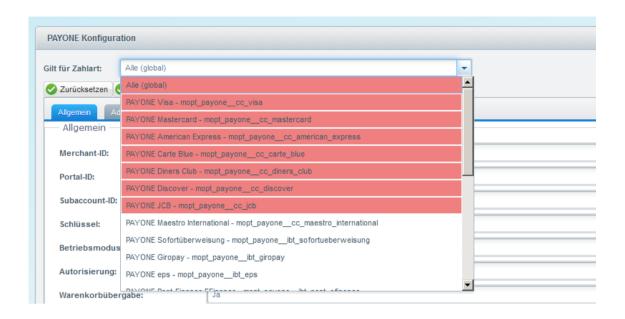
### PAYMENT TYPE CONFIGURATION

After selecting the *Configuration* menu item, you can create a separate configuration for each payment type contained in the plug-in. The default setting is *All (global)*. This means that these settings affect all payment types and that these are predefined as default values when payment types are configured separately. If you have created a separate configuration, the setting *All (global)* no longer applies.

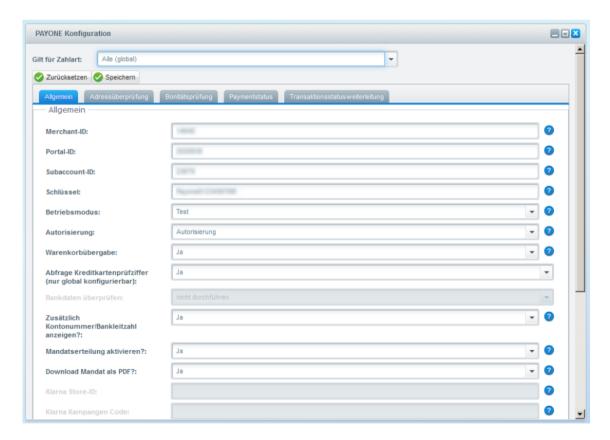


If you have made changes to a payment type that differs from the global settings, you can recognize this by the red color of the payment type.





## GENERAL INFORMATION





| Field          | Description  |
|----------------|--|
| merchant ID    | You will find your PAYONE Merchant ID at the top right of the PAYONE Merchant Interface (PMI) and on all PAYONE invoices.  |
| portalID       | Please enter the ID of the PAYONE payment portal you want to use to process the payments.  The Portal ID can be found in the PAYONE Merchant Interface (PMI) under the menu item <i>Configuration &gt; Payment Portals</i> .   |
| Sub-Account ID | Please enter the ID of the sub-account you want to use to process the payments.  The ID can be found in the PAYONE Merchant Interface (PMI) under the menu item Configuration > Accounts   |
| key            | Please enter the key here to protect the data communication against manipulation. This must be identical to the key stored in the corresponding PAYONE payment portal.   |
| operating mode | Here you can specify for the respective payment type whether the payments are to be processed in test mode or whether they are to be executed "live". You can also configure the test mode for individual payment types.  Note: Please note that the defined test data must be used for the test mode.   |
| authorization  | Pre-authorizationWhen selecting "Pre-authorization", the amount to be paid is reserved in the course of the order. In this case, the debit must be initiated in a second step when the goods are delivered (Capture). The receivable is only posted after the capture has been carried out.  AuthorizationWhen"Authorization" is selected, the amount tobe paid is collected immediately when the order is placed. The receivable is immediately booked on the PAYONE platform.  Note: With the online transfer types giropay, SOFORT Überweisung, eps, Post-Finance and iDEAL, payment is made in full even if "Preauthorization" is selected. In this case, the receivable is to be booked separately by "Capture" despite this. |



| Field                                     | Description  |
|---|--|
| shopping basket<br>handover               | Here you can configure whether the shopping cart information should be transferred to the PAYONE platform for each request.  Note: This setting is required if you have ordered the Invoicing module from PAYONE.  |
| Request credit card check digit           | Determines whether the credit card verification number is queried. This is only possible if the acquirer allows it.  |
| Check bank data                           | Here you can specify whether a bank account check is to be performed. This option is available only when the Direct Debit payment type is selected.  |
| Show additional account number/bank code? | Here you can configure whether fields for account number and bank sort code should be displayed in addition to the fields for IBAN and BIC when paying by direct debit. This is only available for German bank accounts.   |
| Activate mandate allocation?              | Here you can specify whether the SEPA Mandate Manager should be used. A check of the bank details is obligatory. A check against the POS lock list is not possible.  |
| Download man-<br>date as PDF?             | If activated, a link will be offered after the order has been placed, via which the end customer can download the SEPA Mandate as a PDF file.  Note: This product must be ordered separately.  |
| Klarna Store ID                           | Specific store IDs must be configured for the Klarna payment method. You can obtain these store IDs from Klarna. Please note that for the payment method Klarna the delivery address must be the same as the billing address. You can enforce this with Shopware Risk Management.  Note: The store ID can only be configured if the payment method Klarna is selected. Please also note that you must duplicate the payment method for each additional store ID (for example, for several countries). Please refer to chapter 4.2.2 for further information. |



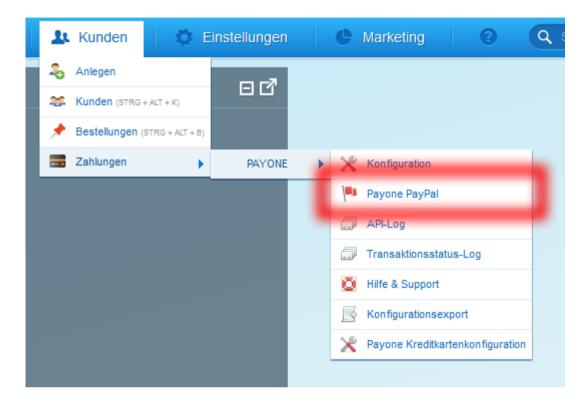
| Field   | Description  |
|---|--|
| Klarna Campang<br>Code                              | Specific campaign IDs must be configured for the payment method Klarna Installment Purchase. These campaign IDs refer to a so-called campaign at Klarna, in which term, interest rate, country, currency and other information for an installment purchase are specified. Please note that for the payment method Klarna installment purchase the delivery address must be the same as the billing address. You can enforce this with Shopware Risk Management.  Note: The campaign code can only be configured if the payment method Klarna Installment purchase is selected. Please also note that you must duplicate the payment method for each additional campaign code (e.g. for multiple countries, maturities or currencies). Please refer to chapter 4.2.2 for further information. |
| Saving the AGB confirmation                         | <ul> <li>The following options are available:</li> <li>Off</li> <li>Global</li> <li>On the Confirm - Page</li> <li>Off - switches off the saving of the AGB confirmation completely.  Global - Enables global storage.  On the Confirm page - Only on the Confirm page the saving of the AGB is activated.</li> </ul>  |
| Show PayPalECS<br>button on shop-<br>ping cart page | This option activates the PayPal Expresscheckout button on the shopping cart page.  Selection of:  Yes  No Note: This option can only be selected if the payment method PayPal is selected.  |



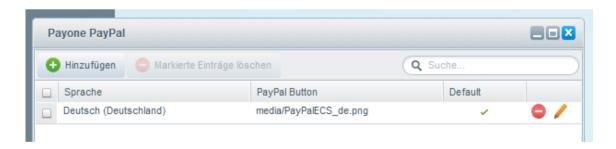
| Field                         | Description  |
|-------------------------------|--|
|                               | Note: The Payolution options can only be selected if a Payolution payment method is selected.  |
| Payolution Company Name       | The full name of the company must appear here. The name will be used in the privacy policy.  |
| Payolution B2B<br>Mode        | If the B2B mode is activated, it is automatically assumed that it is a B2B transaction if the "Company" field was executed during address entry. To check the creditworthiness of the company, further information such as the commercial register number is then requested in the checkout.   |
| Payolution User-<br>name      | In order to retrieve the installment purchase draft contract, the user name assigned by Payolution (usually dealer name installation) must be stored here.   |
| Payolution Password           | The password assigned by Payolution must be stored here in order to retrieve the installment purchase draft contract.  |
| Paydirekt Over-<br>capture    | This setting enables you to increase the original order value in the reservation and subsequent collection procedure and to collect up to a maximum amount. This maximum amount is displayed on the paydirekt pages.  Note: This setting only applies to the payment type paydirekt.   |
| Use Shopware-<br>Order number | Select Yes/No. This setting, if activated or set to Yes, causes an order number generated by the plugin to be reported as a reference to PAYONE, but the order number generated by shopware.  Note: This order number must always be unique and cannot be used again.  Make sure that the correct and not already used order number range is active. |



### PAYPAL ECS BUTTON



Click on Payone PayPal to open the following window:



| Field                   | Description                                       |
|-------------------------|---|
| Add                     | The Add button adds another button for a country. |
| Delete selected entries | Deletes selected entries                          |



| Field   | Description  |
|---|--|
| Language  | Button language  |
| PayPalButton  | Path to the image file of the button   |
| default   | If the checkbox is activated, this is considered as fallback for all other languages for which no button has been defined. |
| If no image file is available for at least one country, the PayPal ECS button is <b>not</b> displayed in the shopping cart. There must be at least one button and it must be marked as <i>default</i> . |  |

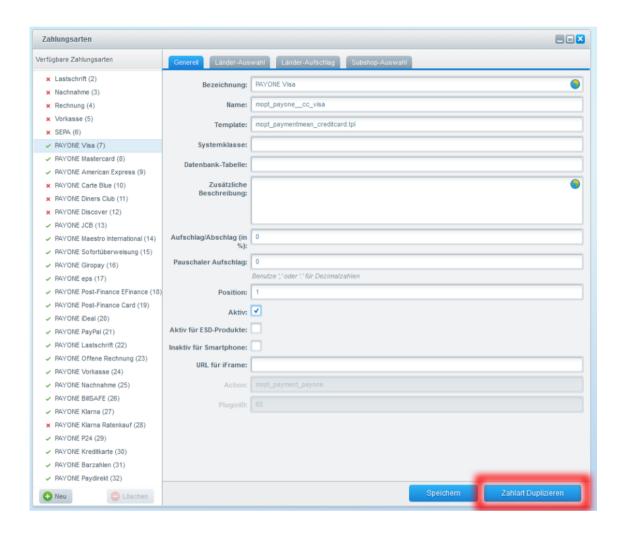
### **DUPLICATE PAYMENT TYPE**

The standard configuration of the payment methods will continue to be carried out via standard shopware functionality. At this point, you can also copy the payment type for a separate use with a subshop or other reasons such as country assignments.







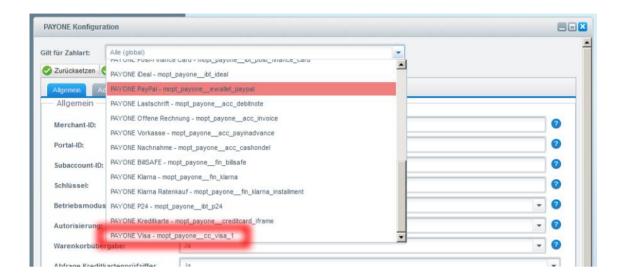


After duplication, you can assign a different name to the payment method and assign it to a country or another subshop.

Note: Please do not change the name of the payment method (here mopt\_payone\_\_cc\_visa), as this is required for using the correct routines. After the duplication, a numeric suffix is appended to the name, which is necessary for the uniqueness of the names.

In the PAYONE configuration, the duplicated payment type is displayed in the dropdown menu as *Description & Name Combination*. To configure this payment type, select it from the dropdown menu.



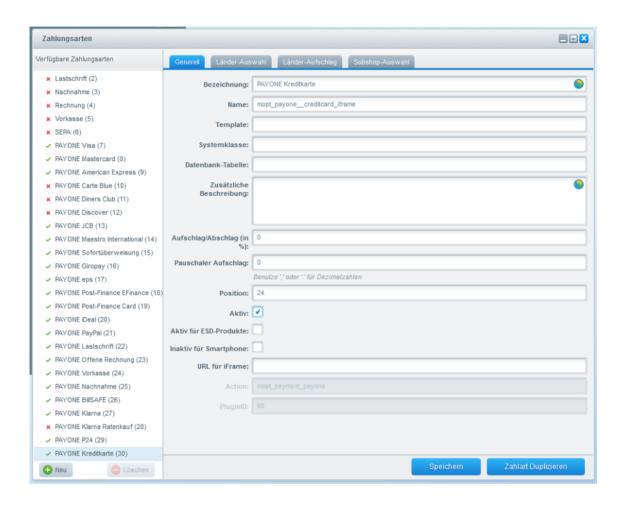


### CREDIT CARD USAGE

### PAYONE FRONTEND (NO LONGER AVAILABLE FROM VERSION 3.12.0)

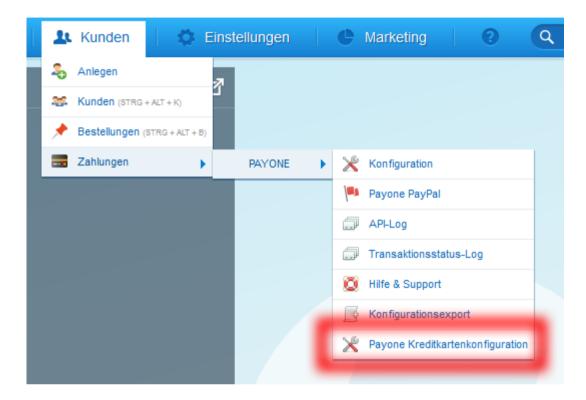
To use the credit card via the frontend, activate the *PAYONE* credit card payment method in the Shopware payment method dialog:







### PAYONE CLIENT API



After clicking on Payone credit card configuration, the following window appears:



| Field                   | Description                                |
|-------------------------|--|
| Add                     | The Add button adds another configuration. |
| Delete selected entries | Deletes selected entries                   |



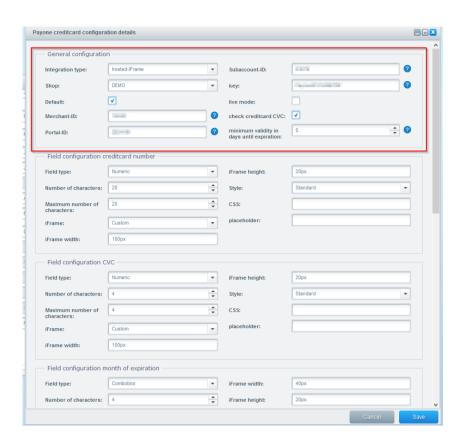
| Field      | Description   |
|------------|---|
| shop       | The title of the corresponding shop  Only one configuration per shop is possible. |
| query type | <ul><li>Type of request</li><li>hosted-iFrame</li><li>AJAX</li></ul>              |

#### GENERAL CONFIGURATION

It is essential to use the "hosted iFrame" mode, which is protected according to the latest security standards and makes it considerably more difficult for hackers to share credit card data even if the shop is taken over!

Selecting Edit (Pen) or Add opens a window with the following parameters:



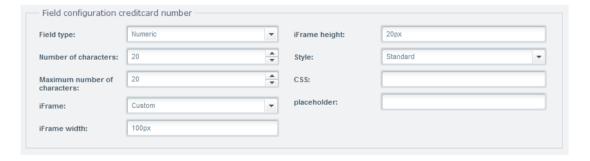


| Field               | Description  |
|---------------------|--|
| Integration<br>type | <ul><li>Selection of:</li><li>hosted-iFrame (recommended)</li><li>AJAX</li></ul> |
| Default             | Determines whether the current configuration is to be used as the default.       |
| merchant ID         | Your Merchant ID   |
| portalID            | The Portal ID used to transfer credit card data.                                 |
| subaccount ID       | The subaccount ID used to transfer credit card data.                             |



| Field                     | Description  |
|---------------------------|--|
| key                       | The portal key used to transfer credit card data.  |
| live mode                 | Specifies whether credit card data should be transferred in live mode.   |
| check credit-<br>card DVD | Should the card verification code (CVC) be queried?  |
| minimum vali-             | Minimum validity in days a card may still have in order to be able to order  |
|                           | For retail merchants, this value can be just above the revocation period, so that credits still work even if the card has expired in the meantime. |

### FIELD CONFIGURATION



| Field      | Description                                |
|------------|--|
| field type | Selection of:                              |
|            | <ul><li>Numeric</li><li>password</li></ul> |
|            | password                                   |



| Field                       | Description  |
|-----------------------------|--|
|                             | <ul><li>text</li><li>choice</li></ul>  |
| number of characters        | Number of characters in width of the input field   |
| Number of characters<br>Max | Maximum allowed number of characters   |
| iframe                      | Selection of:  Standard (uses the standard style)  User defined  |
| iFrame Width                | Specifying the width in CSS  |
| iFrame Height               | Indication of height in CSS  |
| style                       | <ul><li>Specification of:</li><li>Standard (uses the standard style)</li><li>User defined</li></ul>                    |
| CSS                         | Specify CSS to format the field in question.  If you use the CSS attribute url, the field in question is not displayed |



### DEFAULT STYLE



| Field             | Description  |
|-------------------|--|
| Fields:<br>input  | Specification of CSS for the standard formatting of all input fields. The following CSS can be used in the Shopware standard template:  box-shadow:inset 0 1px 1px 1px #dadae5;background:#f8f8fa;border:1px solid #dadae5;border-top-color:#cbcbdb;line-height:19px;font-size:.875rem;width:85%;padding:.625rem.625rem.625rem.625rem.625rem.625rem;color:#8798a9; |
| Fields:<br>select | Specification of CSS for the formatting of all selection fields The following CSS can be used in the Shopware standard template:  box-shadow:inset 0 1px 1px 1px #dadae5;background:#f8f8fa;border:1px solid #dadae5;border-top-color:#cbcbdb;line-height:19px;font-size:.875rem;width:85%;padding:.625rem.625rem.625rem.625rem.625rem;color:#8798a9;              |
| iFrame<br>Height  | Specification of the standard height in CSS for all fields   |
| iFrame<br>Width   | Specification of the standard height in CSS for all fields   |

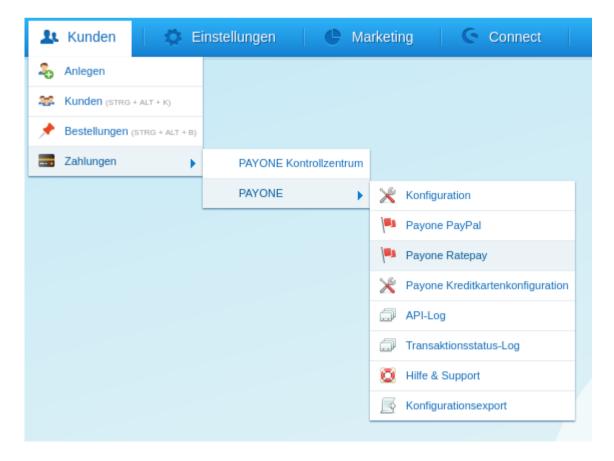


### **ERROR OUTPUT**



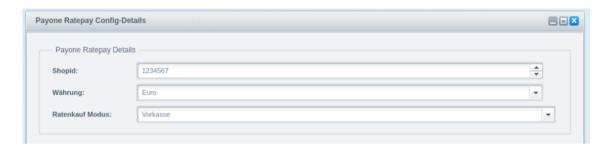
| Field    | Description   |
|----------|---|
| active   | Activates the error output  |
| Language | Select the language in which the error message should be displayed. |

### CONFIGURATION PAYONE RATEPAY (PURCHASE ON ACCOUNT AND INSTALLMENT PURCHASE)





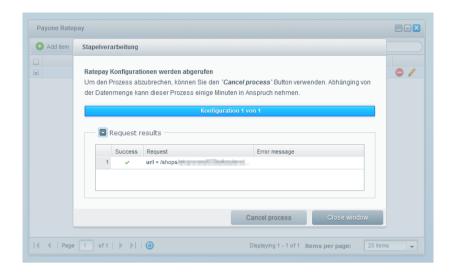
For RatePay, you need to enter some additional configuration data that RatePay has specified in order for the payment method to work smoothly. Use the "Add" button to add another RatePay configuration:



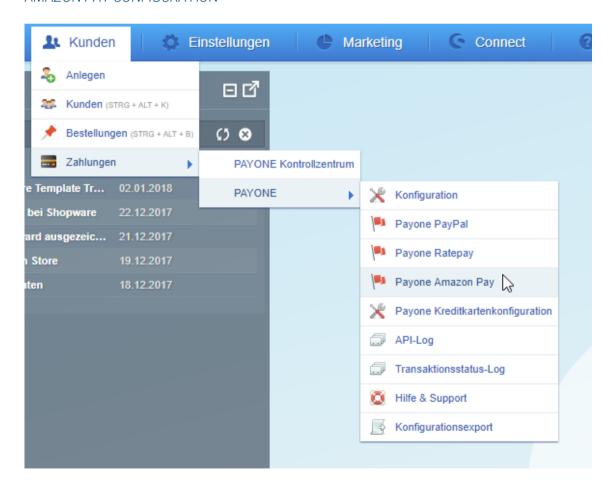
| Field                        | Description   |
|------------------------------|---|
| shopid                       | The shop ID specified by RatePay. This represents a configuration data record (country, currency, interest, maturities, etc.).  |
| currency                     | Currency to be used for this shop ID  |
| Installment<br>purchase mode | <b>Prepayment:</b> The buyer must transfer the instalments to an account designated by RatePay. <b>Direct debit:</b> The installments are collected from the buyer's account by direct debit.  This setting has no effect on the other RatePay payment methods (invoice, direct debit). |

Save the configuration and then retrieve the other data from RatePay using "download Ratepay Configuration".





#### AMAZON PAY CONFIGURATION



For Amazon Pay, you need to enter some additional data to ensure that the payment method works smoothly. Add a new Amazon Pay configuration by clicking "Add".





| Field           | Description   |  |
|-----------------|---|--|
| Client:         | The client ID from your Amazon Seller Central profile is automatically entered here after saving.   |  |
| Seller:         | After saving, the seller ID from your Amazon Seller Central profile is automatically entered here.  |  |
| Button<br>Type: | Here you can select which button should be displayed in the shopping cart and in the sidebar.   |  |
| Button color:   | Here you can select in which color the button in the shopping cart and in the sidebar should be displayed.  |  |
| Amazon<br>mode: | <ul> <li>Asynchronous On Failure (default): The transaction is first tried in synchronous mode. This means that an attempt is made to obtain a direct confirmation from Amazon Pay for the transaction. If this is not possible, the asynchronous mode is tried. Amazon Pay confirms the transaction later when enough data is available. It may also be possible to reject the transaction at a later date. This is indicated in the payment status.</li> <li>Always Synchronous: The transaction is only tried in synchronous mode. If Amazon Pay rejects the transaction, the buyer receives immediate feedback and can choose another payment method. </li> </ul> |  |

### **Integration Settings in Seller Central**

Please enter the following URL under Integrator-URL in the item "Integration settings" in Seller Central:



https://gpc-sys.pay1.de/gpc/amazon/1.0/notify - the "Seller URL" may remain empty. This URL ensures that the shop receives all notifications from Amazon.



### CREDIT RATING AND ADDRESS CHECK

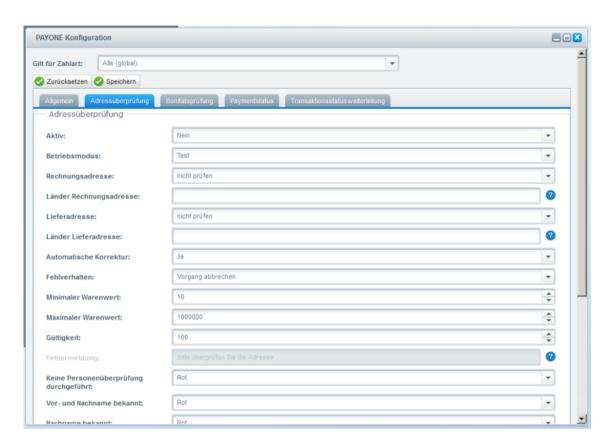
Please note that you can only use the following options if you have ordered the Protect module from PAY-ONE. The use of credit checks and address checks entails variable costs per transaction, which you can see in your contract.

Please make the settings for the credit check with caution. The credit check is carried out after the personal data has been entered and influences the payment methods offered to your customers in the checkout process. You should only use the credit standing check for payment types that entail a payment default risk for you (such as open invoices or direct debits). You configure this using the setting *Traffic light value / Score* in the configuration of the relevant payment type. You should also indicate in your shop in an appropriate manner that you are conducting credit checks via infoscore Consumer Data GmbH.

#### ADDRESS VALIDATION

Here you can determine whether and in which form the address checks should be carried out and how the Shopware eShop should behave if certain results apply.





| Field              | Description  |
|--------------------|--|
| active             | Here you can activate/deactivate the address check.  |
| operating<br>mode  | Here you can specify whether the address check is to be carried out in test mode or live.  Note: Please note that the defined test data must be used for the test mode.  |
| billing<br>address | Do not check No address check is performed. basic Address check for existence (street number, postcode, city, country) as well as addition and correction of address (possible for addresses from Germany, Austria, Switzerland, Netherlands, Belgium, Luxembourg, France, Italy, Spain, Portugal, Denmark, Sweden, Finland, Norway, Poland, Slovakia, Czech Republic, Hungary, USA, Canada). person |



| Field                        | Description   |
|------------------------------|---|
|                              | Checking whether the person is known at the address given, checking the existence of the address and supplementing and correcting the address (Germany only).   |
| delivery<br>address          | Do not check No address check is performed. basic Address check for existence (street number, postcode, city, country) as well as addition and correction of address (possible for addresses from Germany, Austria, Switzerland, Netherlands, Belgium, Luxembourg, France, Italy, Spain, Portugal, Denmark, Sweden, Finland, Norway, Poland, Slovakia, Czech Republic, Hungary, USA, Canada).  person Checking whether the person is known at the address given, checking the existence of the address and supplementing and correcting the address (Germany only). |
| Automatic correction         | If Yes is selected, an address corrected by the PAYONE platform will be adopted. Not otherwise. In addition, there are options here that the user can agree to a correction or be prompted to enter the address again.  |
| wrongdoing                   | Here you can define what should happen if there is a technical error. For example, the address validation is not available or reachable.  |
| Minimum<br>value of<br>goods | Market-basket value from which an address check is carried out.   |
| Maximum<br>value of<br>goods | Shopping basket value up to which an address check is carried out.  |
| validity                     | The duration in days for registered users in the shop for which the result of the verification is valid.  |

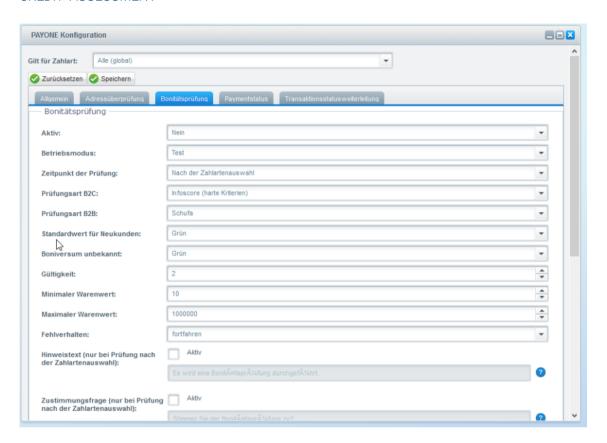


| Field                           | Description  |
|---------------------------------|--|
| error mes-<br>sage              | Here you can define which message is displayed to the user if an incorrect entry has been made.  |
| person sta-<br>tus map-<br>ping | Below are listed the individual possible results of address verification person to whom you can assign each of the traffic light values:  red  Yellow green                |
|                                 | to the other. In conjunction with the setting in the Risk area, this means that payment types are not available to the customer or are hidden by this traffic light value. |

Note: Please note that PAYONE requires the Protect module for your merchant account to be commissioned and activated in order to use these options.



### CREDIT ASSESSMENT



| Field                    | Description   |
|--------------------------|---|
| active                   | Here you can activate/deactivate the credit standing check.   |
| operating<br>mode        | Here you can specify whether the credit standing check is to be carried out in test mode or <i>live</i> .  Note: Please note that the defined test data must be used for the test mode. |
| Time of exa-<br>mination | Select the time of the check here.  This setting only applies if the value "All (global)" is selected for "Applies to payment type".  |
|                          | infoscore (hard characteristics) Check for hard characteristics via Infoscore (e.g. consumer insolvency proceedings, arrest warrant for affidavit or enforcement of affidavit)          |



| Field                                   | Description  |
|---|--|
|   | infoscore (all characteristics)  Examination for so-called "hard" negative features (see above) and "medium" negative features (e.g. order for payment order, enforcement order or enforcement) and "soft" negative features (e.g. collection dunning procedure initiated, continuation of out-of-court collection dunning procedure after partial payment, discontinuation of out-of-court collection dunning procedure due to hopelessness)  infoscore (All Features + Boniscore)  Checking for all characteristics (see above) and delivery of the BoniScore, which as a score value enables a higher selectivity for existing negative characteristics.  Boniverse VERITA Score  Check for VERITA score via Boniversum |
| Type of exa-<br>mination B2B            | Determines whether corporate customers are to be checked. The definition is based on the selection of the end customer during registration or checkout. ("I am a private customer/business customer")  credit  Examination via Schufa "short" (separate contract may be necessary)  No test  B2B customers are not checked   |
| Default value<br>for new cus-<br>tomers | Here you can define the traffic light value for new customers.   |
| Boniverse<br>unknown                    | Here you can define the traffic light value for customers who are unknown to Boniversum (only applies when using the check type "Boniversum").   |
| validity                                | Number of days for which the credit standing value returned is valid. No new credit checks will be carried out for the set period for the registered shop buyer / user concerned until the set period expires.   |
| wrongdoing                              | Here you can define what should happen if a technical error occurs. For example, the credit assessment is not available or attainable.   |



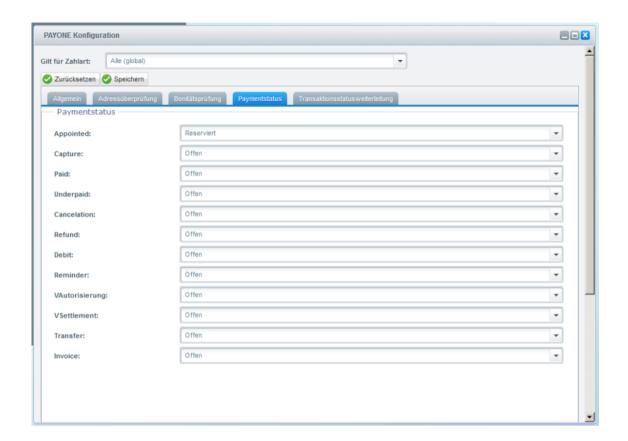
| Field                       | Description  |
|-----------------------------|--|
| Minimum va-<br>lue of goods | Market-basket value from which a credit check is carried out.                          |
| Maximum va-<br>lue of goods | Market-basket value up to which a credit check is carried out.                         |
| hinttext                    | Enter here the text to be shown to the buyer when a credit check is performed for him. |
| consent request             | Enter here the text of the question asked to the customer to agree to a credit check.  |
| A/B Test                    | Here you can define the number of checks to be performed each n'th time.               |

Note: Please make the settings for the credit check with caution. Incorrect configurations can result in errors in the checkout process and unwanted costs due to an increased number of queries and an unnecessarily high risk of payment defaults. You should only use the credit standing check for payment types that entail a payment default risk for you (such as open invoices or direct debits). You should indicate in your shop in an appropriate manner that you are conducting credit checks via infoscore Consumer Data GmbH.

# PAYMENT STATUS

Here you can define for each transaction status reported by the PAYONE platform for a payment, which status the order should have in Shopware.



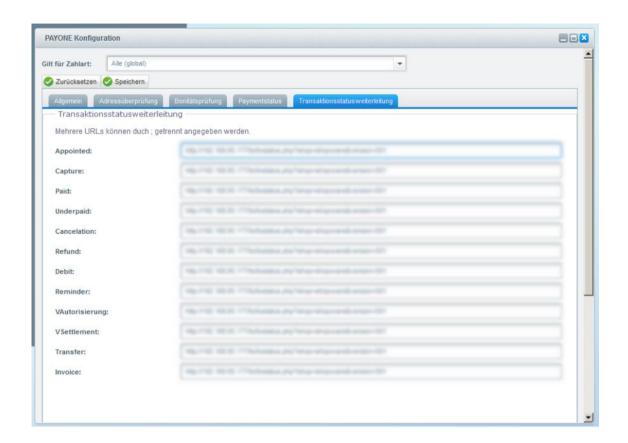


For further information about transaction status callbacks, please refer to chapter 4.2 of our Server API documentation.

## TRANSACTION STATUS FORWARDING

Here you can assign a separate forwarding URL to each payment status message of the PAYONE platform (transaction status), if necessary. This is always necessary if other systems in your system environment also require this payment information.





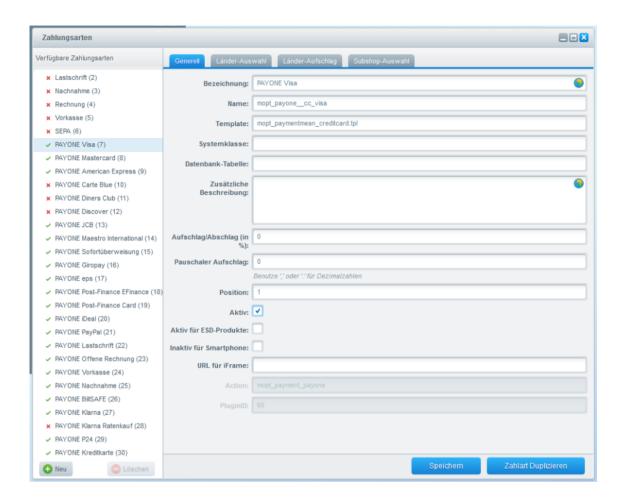
### PAYMENT METHODS

When you install the PAYONE Payment Plug-in for Shopware, all available PAYONE payment methods are automatically created in your shop. For easier identification, these initials are created with the prefix "PAYONE". However, you can change this easily by changing the name of the payment type. All settings at this point follow the Shopware standard and can be found in the Shopware Wiki (http://wiki.Shopware.de).

### Important for the SEPA Direct Debit payment method

If you want to use the "SEPA Direct Debit" payment method, you should ensure that you specify the countries from which you want to draw direct debits in the country selection. If no country is selected, the payment type is displayed to all customers. This can confuse customers from non-SEPA countries. In addition, the selection list of the account country in the checkout is then empty.





#### DEFAULT PAYMENT TYPE

In the standard version of Shopware, the "Shopware advance payment" is defined as the standard payment type. However, you can also configure this payment method to a payment method provided by the plug-in.





NOTES ON THE USE OF PAYMENT METHODS WITH CLEARING DATA (PREPAYMENT, INVOICE, PAYOLUTION, ETC.)

READ OUT CLEARING DATA

The clearing data is stored in the table \_s\_order\_attributes\_in the column mopt\_payone\_clearing\_data jsoncoded. The column orderID contains the ID of the corresponding order, which is stored in the table \_s\_order.\_ The data can be read, for example, with the following SQL statement: SELECT mopt\_payone\_clearing\_data FROM s\_order\_attributes WHERE orderID = [desired OrderID]. The clearing data can then be decoded again, but most programming languages provide standard functions (PHP: json\_decode(), Javascript): JSON.parse()).

### DISPLAY PREPAYMENT CLEARING DATA IN E-MAIL TEMPLATE

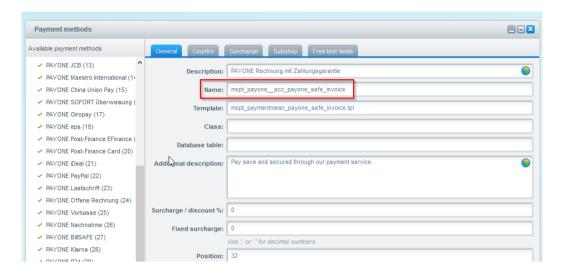
All email templates can be customized under *Settings > Email Templates*. The template for the order confirmation e-mail can be found under *System eMails > sORDER*.

There are 2 templates; one for text emails and one for HTML emails.

#### CUSTOMIZE TEXT E-MAIL TEMPLATE

You can customize the templates depending on the used payment method. To customize the templates, the internal name of the used payment method has to be used. You can find the names in the payment methods overview:





The following example will use prepayment, but can be customized for invoice etc.

## Example: Prepayment

Please search the template for the following block (in principle the additional information can be inserted at any controller):

```
{if $additional.payment.name == "prepayment"}
Our bank details:
{config name=bankAccount}
{/if}
```

#### and insert this block:

```
{if $additional.payment.name == "mopt_payone__acc_payinadvance (or other payment name)"}
{if $additional.moptPayoneClearingData}
Unsere Bankverbindung:
Kontoinhaber:{$additional.moptPayoneClearingData.clearing_bankaccountholder}
Kontonummer:{$additional.moptPayoneClearingData.clearing_bankaccount}
Bankleitzahl:{$additional.moptPayoneClearingData.clearing_bankcode}
IBAN: {$additional.moptPayoneClearingData.clearing_bankiban}
BIC: {$additional.moptPayoneClearingData.clearing_bankbic}
Bank: {$additional.moptPayoneClearingData.clearing_bankname}
Verwendungszweck:{$additional.moptPayoneClearingData.clearing_txid}
{/if}
{/if}
```



#### Example: PayPal Installments

PayPal Installments requires the merchant to display extra information about the installments in the mails and invoice. Here's how to do it:

This block appends the installment amount and the grand total including installment cost into the mail.

## EXTENDING HTML TEMPLATES

Please search for the following block (the data can also be inserted elsewhere here):

```
{if $additional.payment.name == "prepayment"}
Our bank details:<br/>
{config name=bankAccount}
{/if}
```

and insert the following block:



If required, the remaining clearing data, such as the country, can also be displayed according to the following pattern:

{\$additional.moptPayoneClearingData.clearing\_bankcountry}

The names depend on the names of the PAYONE parameters. With the HTML variant, the output can still be designed with HTML and CSS and adapted to the corresponding layout.

For PayPal Installments, the following parameters are available:



```
clearing_total_cost_currency

clearing_monthly_payment_currency

clearing_term

clearing_payer_id

clearing_monthly_payment_value

clearing_total_interest_value

clearing_total_interest_currency
```

#### **EXTENDING PDF TEMPLATES**

To display the clearing data on PDF documents, the JSON-encoded content of the corresponding variable must first be decoded. This is done in the .tpl file for the invoice (or similar) for your template:

{assign var=mopt\_payone\_decoded\_clearing\_data value=\$Order.\_order.attributes.mopt\_payone\_clearing\_data|json\_decode:true}

These variables, among others, are then available:

Recipient: {\$mopt\_payone\_decoded\_clearing\_data.clearing\_bankaccountholder}

IBAN: {\$mopt\_payone\_decoded\_clearing\_data.clearing\_bankiban}

BIC: {\$mopt\_payone\_decoded\_clearing\_data.clearing\_bankbic}

Bank: {\$mopt\_payone\_decoded\_clearing\_data.clearing\_bankname}

There are several possibilities for the intended use:

Purpose: (\$mopt\_payone\_decoded\_clearing\_data.clearing\_reference)or/and



Intended use:{\$attributes.mopt\_payone\_txid}or/and
Reason for payment:{\$sBookingID}
You can reach the amount by addressing the Shopware Order object:
Brutto: {\$Order.\_order.invoice\_amount} Netto: {\$Order.\_order.invoice\_amount\_net}
All available variables can be listed for debugging purposes:
<{\$mopt\_payone\_decoded\_clearing\_data|print\_r}</pre>

PayPal Installments

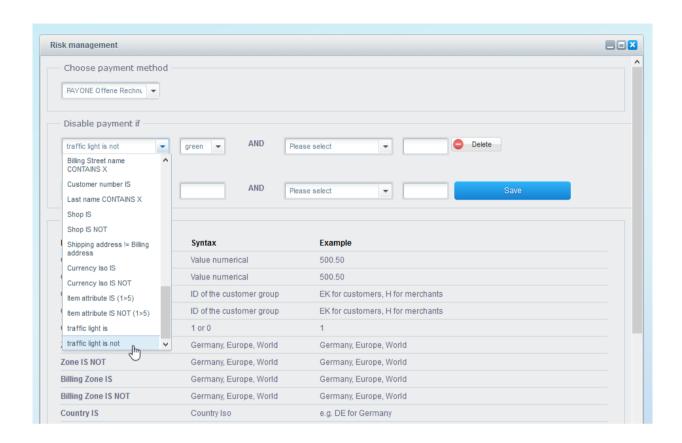
PayPal Installments requires the merchant to display extra information about the installments in the mails and invoice. Here's how to do it:

Please find the invoice template in your shop directory. (standard for shopware 5: shoproot/themes/Frontend/Bare/documents/index.tpl). In the block {block name="document\_index\_amount"} this code has to be added:

### RISK MANAGEMENT

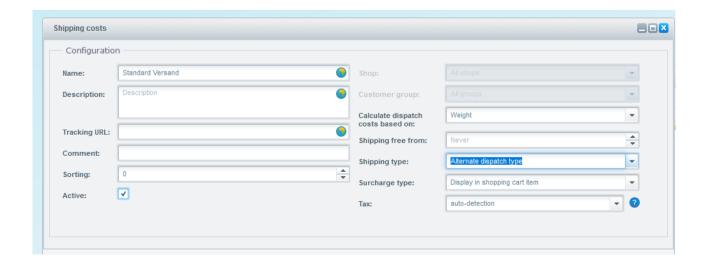
By installing the PAYONE Payment Plug-in for Shopware, the condition of the traffic light value has been added to the existing rules. At this point, you can determine whether a payment type is blocked using a defined traffic light value.





# SHIPPING COSTS

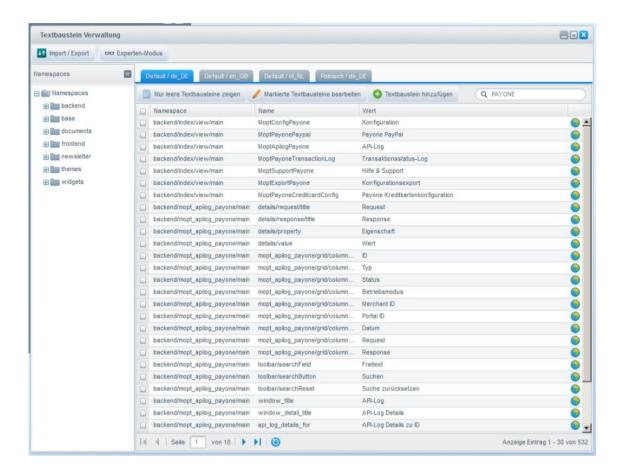
To ensure smooth operation of the plug-in, it is necessary to assign shipping rates to each payment method. As a further option, you can define an *alternative shipping type that* always takes effect if no concrete shipping cost record is assigned to a payment type.





## **SNIPPETS**

For the display of certain texts, text modules have been provided with the installation of the plug-in, which you can adapt according to the language used in each case. You find the administration of the snippets under *Configuration > Snippets*.



All text output (except bank names, e.g. with iDeal) in the frontend is provided via text modules, so that there is the greatest possible flexibility when using several languages. According to the Shopware standard, the text modules are initialized and stored in the database the first time they are used. They are then editable. The most important components are already stored during the installation of the plug-in. To edit specific text modules, you may first have to call the corresponding page in the frontend.

The text frame for the PAYONE plug-in can be found in the namespace frontend/MoptPaymentPayone. There is a general error message "generalErrorMessage" that is used when no specific error message is available. Specific error messages can be configured for individual error codes from the PAYONE platform. The text module for an error number 888 is then called "errorMessage888". Exceptions to this are the check of the bank details and the address, since no numerical error codes are returned there. The text modules for this are called "bankaccountcheck-blocked" or "addresscheckcorrected".

For technical reasons, only a few individual elements of the checkout can be processed directly in the templates. These templates can be found at:



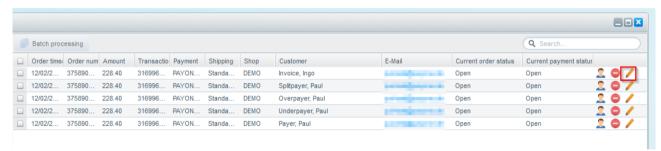
/ engine/Shopware/Plugins/Default/Frontend/MoptPaymentPayone/ViewsResponsive/frontend/plugins/payment

in the Shopware directory. This applies in particular to the BillSAFE and eps payment methods.

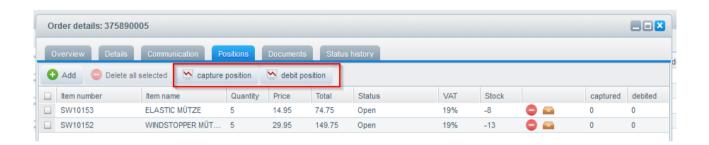
# USE OF THE PLUG-IN

## **ORDERS**

*Via the Orders* menu, you can use the plug-in to initiate collections and create credit notes. To do this, you have to edit the respective order by clicking on the pen.



In the following order details, you will find new buttons in the *Positions* tab that trigger the collection of money or the crediting via a PAYONE payment method.



#### **COLLECT MONEY**

Individual items must be marked in order to retract them. After a click on the *Positions retract* button the following message appears.





Make sure that the amount is the same as the amount to be collected. Decide whether the shipping costs should also be collected. After a click on *(partial)* capture, the money is collected and the claim is booked on the PAYONE platform. For a partial withdrawal, simply add a new identical item to the item and specify the quantity of items you wish to withdraw. Make sure, however, that the original position is reduced in terms of quantity. Only in the case of an order conclusion with the payment method BillSAFE, which took place in partial deliveries, a *final* capture is necessary.

#### CREATE CREDIT MEMOS

The items to be credited must be marked in the same way as for money collection.

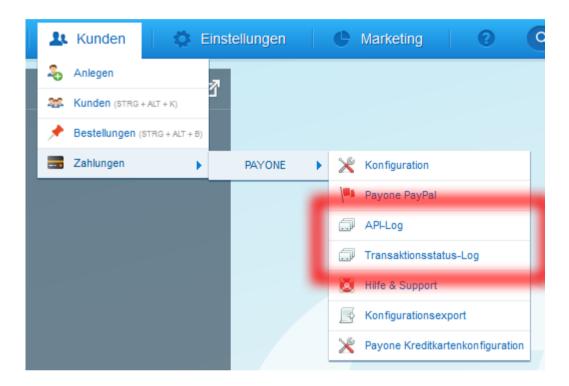


Check that the amount shown in red corresponds to the amount you want to credit. Decide whether the shipping costs should be credited. After clicking on Yes, a credit note will be generated on the PAYONE platform. As with money collection, you can create partial credit memos by creating new identical items with different item quantities.



# PROTOCOLS AND LOGS

Within the menu item *PAYONE you will* find all information about processed payments and communication with the PAYONE platform.

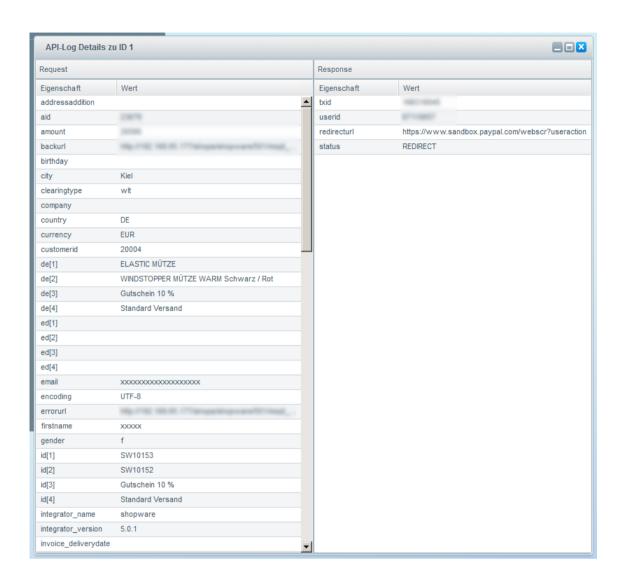


# API LOG

The overview shows all incoming and processed requests to the PAYONE platform. By clicking on an entry you can view details of the respective request.





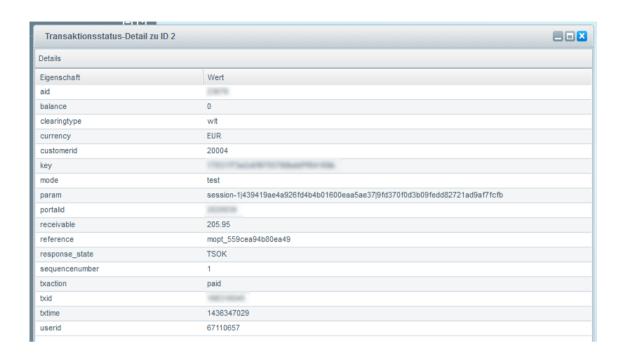


# TRANSACTION STATUS LOG

As with API logs, you have an overview of received transaction status messages and can view details by clicking on a record.







# TRANSACTIONSTATUS-FORWARDING-LOG

If errors occur during the forwarding of transaction status messages, these can be displayed in a separate system log and downloaded if necessary.

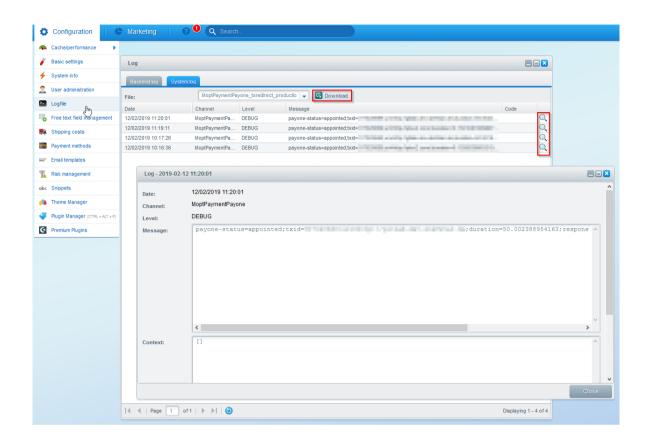
You activate logging in the "Transaction Status Forwarding" configuration area.

Figure 1 image2019-2-12\_11-20-20.png



You can then view and download the current forwarding logs under Configuration — Logfile in the System Log tab:





# **HELP & SUPPORT**

Do you have any bugs or suggestions to improve the code of the extension? Open an issue in our Github repo story: https://github.com/payone-gmbh

If you have any questions regarding the installation or use of the BS PAYONE Extension, please contact our Technical Support at the following contact details:

| email            | tech.support@bspayone.com       |
|------------------|---------------------------------|
| Phone            | +49 431 259 68-500              |
| Merchant Service | for billing and contract issues |
| email            | merchantservice@bspayone.com    |
|                  |                                 |



1] Germany, Austria, Switzerland, Netherlands, Belgium, Luxembourg, France, Italy, Spain, Portugal, Denmark, Sweden, Finland, Norway, Poland, Slovakia, Czech Republic, Hungary, USA, Canada, Switzerland