



PepperShop Authorize.Net Modul

Anleitung

Authorize.Net
a CyberSource solution

Datum

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Version

2.0

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PepperShop wird von Glarotech entwickelt und vertrieben. Seit 1998 ist das innovative Unternehmen im Internet tätig und auf E-Commerce spezialisiert. Sie als Kunde profitieren vom direkten Draht zu den Herstellern der Produkte.

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1. Einleitung

Mit diesem externen PepperShop Modul, kann man seinen Kunden anbieten, ihre Bezahlungen über Authorize.Net zu tätigen. Authorize.Net ist ein US Payment Service Provider der E-Commerce Transaktionen unter anderem in einem virtuellen Terminal entgegen nimmt und verarbeitet. Authorize.Net ist PCI zertifiziert (Stand 07.2010).

Dieses Modul verbindet den PepperShop mit Authorize.Net via Server Integration Method (SIM) für Card Not Present Transactions. Authorize.Net bietet nur Transaktionen in US\$ an.

2. Konfiguration

2.1 Authorize.Net Merchant Interface Account Settings

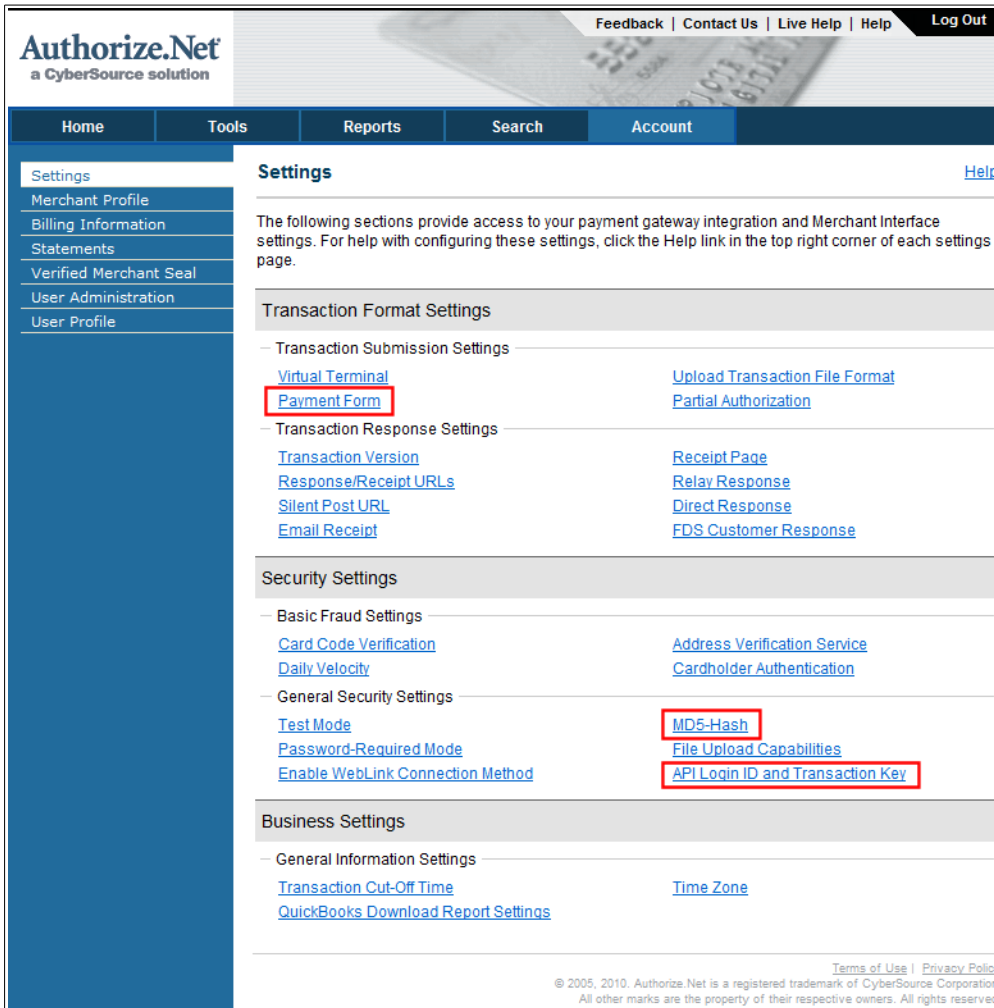
Bevor wir alle Daten in der Authorize.Net Modulverwaltung des PepperShops eintragen können. Müssen im Merchant Interface (Verwaltung) von Authorize.Net noch einige Einstellungen konfiguriert werden.

Um in das Merchant Interface zu gelangen, bitte folgende URL im Browser öffnen:

<https://account.authorize.net/>

Nun oben rechts auf 'Account' klicken und dann links auf 'Settings'. Wir befinden uns jetzt auf der Konfigurationsseite unseres Authorize.Net Kontos. Ein Screenshot mit den zu konfigurierenden Punkten sieht man in Abbildung 3.

- *Payment Form* (Zahlungsmaske): Hier klicken wir auf 'Form Fields' und deaktivieren dort alle 'Shipping Information' Kästchen, da eine separat erfasste Versandadresse hier nicht mehr benötigt wird.
- *MD5-Hash*: Nach dem Klick auf den gleichnamigen Menüpunkt können wir einen MD5-Hash angeben. Dies entspricht im wesentlichen einem Passwort. Notieren Sie sich das Passwort (Gross-/Kleinschreibung beachten) und prüfen Sie, dass es mindestens 8 Zeichen lang ist.
- *API Login ID und Transaction Key*: Nach dem wir in dieses Menü gegangen sind, sehen wir die API Login ID angezeigt. Diese muss man sich für später notieren. Weiter unten gibt es die Möglichkeit einen neuen Transaction Key erzeugen zu lassen. Hier einfach die Sicherheitsabfrage beantworten und den neuen Transaction Key generieren. Die alten Keys werden nicht mehr benötigt. Nach dieser Aktion wird der neu erzeugte Transaction Key angezeigt, diesen bitte für später notieren.
- Nun kann man sich wieder abmelden.



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Home | Tools | Reports | Search | Account

Settings
Merchant Profile
Billing Information
Statements
Verified Merchant Seal
User Administration
User Profile

Settings [Help](#)

The following sections provide access to your payment gateway integration and Merchant Interface settings. For help with configuring these settings, click the Help link in the top right corner of each settings page.

Transaction Format Settings

– Transaction Submission Settings

[Virtual Terminal](#) [Upload Transaction File Format](#)
[Payment Form](#) [Partial Authorization](#)

– Transaction Response Settings

[Transaction Version](#) [Receipt Page](#)
[Response/Receipt URLs](#) [Relay Response](#)
[Silent Post URL](#) [Direct Response](#)
[Email Receipt](#) [FDS Customer Response](#)

Security Settings

– Basic Fraud Settings

[Card Code Verification](#) [Address Verification Service](#)
[Daily Velocity](#) [Cardholder Authentication](#)

– General Security Settings

[Test Mode](#) [MD5-Hash](#)
[Password-Required Mode](#) [File Upload Capabilities](#)
[Enable WebLink Connection Method](#) [API Login ID and Transaction Key](#)

Business Settings

– General Information Settings

[Transaction Cut-Off Time](#) [Time Zone](#)
[QuickBooks Download Report Settings](#)

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Abbildung 1: Ansicht der Authorize.Net Merchant Interface Account Settings Konfigurationsseite

2.2 Webshop Modulkonfiguration

Nun gehen wir zurück zum PepperShop, genauer in seine Shop-Administration. Hier klicken wir unten auf 'externe PepperShop Module' und darin auf den Button mit der Anschrift 'Authorize.Net'. Wir befinden uns nun in der Authorize.Net Modulverwaltung.

Damit alle hier beschriebenen Schritte durchgeführt werden können, wird davon ausgegangen, dass Sie als Shopbetreiber bereits über einen Test- und / oder Produktivaccount bei Authorize.Net verfügen. Falls das noch nicht der Fall sein sollte, lesen Sie bitte im Kapitel Kontakt, wie Sie einen Account anfordern können.

In der Authorize.Net Modulverwaltung gibt es folgende Einstellungsmöglichkeiten:

- **Aktivierung:** Hier ein Häkchen in die Checkbox setzen, wenn dieses Modul aktiviert sein soll.
- **API Login ID:** Identifikation des Shopbetreibers bei Authorize.Net
- **Transaction Key:** Hier gibt man den zuvor im Merchant Interface angegebene Transaction Key Wert ein: ACHTUNG: Hier muss jeder Buchstaben ganz korrekt stimmen! Der Transaction Key wird bei jeder Authorisierungsanfrage an Authorize.Net als Bestandteil eines Fingerprints übermittelt.
- **MD5-Hash:** Hier gibt man ebenfalls den zuvor im Merchant Interface angegebene Wert ein. Dieses 'Passwort' wird dazu verwendet um die Authentizität der Transaktions Rückmeldung von Authorize.Net zu überprüfen.

- *Betriebsart:* Hier wählt man, ob im Moment der Testbetrieb läuft oder ob der Shop bereits die Produktivschnittstelle zu Authorize.Net (SIM) ansprechen soll. Der Shop wählt dann jeweils eine andere URL zu Authorize.Net. Alternativ kann man auch mit einem produktiven Account testen, in dem man im Merchant Interface den Test-Mode einschaltet (Hinweis: Dieser Test-Mode schaltet sich nach ein paar Stunden von selbst wieder aus!). Im Testmodus kann man Test-Kreditkarten verwenden, welche keine Finanztransaktion zur Folge haben.
- *Verarbeitungsmodus:* Anzeige, wie die Transaktionen verarbeitet werden: AUTH_CAPTURE = Autorisieren und direkt buchen, AUTH_ONLY = Nur Autorisierung einholen. Betrag kann später noch nach unten korrigiert gebucht werden. Buchung muss manuell im Merchant Interface getätigt werden. Umschalten: Membervariable in {shop_verzeichnis}/shop/authorize_net_def.php anpassen. Der Standard ist AUTH_CAPTURE.
- *Kreditkartenzuweisung:* Hier ist ein Link in die allgemeinen Shopeinstellungen hinterlegt, wo man das Handling der jeweiligen Kreditkarten aktivieren kann und angibt, dass sie über Authorize.Net SIM laufen. Dies sollte man tun, NACHDEM man die hier getätigten Einstellungen zuerst gespeichert hat (siehe folgende Anweisungen in diesem Kapitel).

Nachdem die obigen Einstellungen entsprechend konfiguriert wurden, sollte man nun auf den 'Speichern' Button klicken, damit die Änderungen übernommen werden.

Nun kommen wir zum letzten Konfigurationsschritt, der Zuweisung der Kreditkarten, welche über Authorize.Net verarbeitet werden sollen. Dies wird in den allgemeinen Shopeinstellungen durchgeführt. Ein Klick auf den direkten Link bei '*Kreditkartenzuweisung*' führt zur erwähnten Einstellungsseite.

elektronische Bezahlungsarten / Kreditkarten:	Institut	aktiv	im Dropdown	Handling
VISA		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Authorize.Net
Eurocard/Mastercard		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Authorize.Net
American Express		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Authorize.Net
Diners Club		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Authorize.Net
JCB		<input type="checkbox"/>	<input checked="" type="checkbox"/>	intern
Carte Blanche		<input type="checkbox"/>	<input checked="" type="checkbox"/>	intern
Discover/Novus		<input type="checkbox"/>	<input checked="" type="checkbox"/>	intern
Australian Bankcard		<input type="checkbox"/>	<input checked="" type="checkbox"/>	intern
PostFinance Card		<input type="checkbox"/>	<input type="checkbox"/>	intern
PostFinance E-Finance		<input type="checkbox"/>	<input type="checkbox"/>	intern

Abbildung 2: Kreditkartenzuweisungssteuerung in den allgemeinen Shopeinstellungen

Hier aktiviert man links oben die Kreditkarten Bezahlungsart und gibt beim Handling jeweils Authorize.-Net ein.

ACHTUNG: Es stehen nur die Bezahlungsarten zur Verfügung, für welche man auch einen Acquiring Vertrag besitzt.

Alternativ zum Dropdown mit Einzelauswahl kann man auch nur eine Kreditkarte nehmen und dieser dann den Namen 'Kreditkarte' geben, dann gibt es kein Dropdown mehr.

Da Authorize.Net nur US\$ verarbeitet, **muss man** nun für jede via Authorize.Net geroutete Karte / Zahlungsart noch eine Einschränkung auf US\$ angeben (Dazu muss zuerst die Währung US\$ im Shop aktiv sein: 'Shop-Administration' > 'Währungen', dabei in der Liste 'Deaktivierte Währungen' US Dollar auswählen und 'hinzufügen' drücken.). Die Einschränkung tätigt man, in dem man auf das folgende Symbol, rechts neben dem Namen der Kreditkarte klickt:



Es wird nun ein Konfigurationsfenster geöffnet. Darin wird die US\$ Einschränkung angegeben, Der Inhalt des Fensters sieht z.B. wie folgt aus:

American Express:

Definition der Verwendungsbedingungen für diese Zahlungsart.

Aktiv für folgende Währungen:

Alle

Auswahl:

CHF

\$

Aktiv für folgende Länder:

Alle

Auswahl:

Deutschland

Frankreich

Italien

Österreich

Schweiz

Abbildung 3: Kreditkarten
Verwendungsbedingungen

Die Konfiguration wird mit Klick auf den 'speichern'-Button übernommen.

3. Administration

3.1 Transaktionsidentifikation:

Bei einer via Authorize.Net bezahlten Bestellung werden im Kundenmanagement zu jeder Authorize.Net Bestellung zwei Authorize.Net bezogene Informationen angezeigt: *Transaktions-ID* und *Transaktionskennung* welche selbst wieder aus diversen Einzelinformationen bestehen:

3.2 Transaktions-ID:

Aufbau (Werte in eckigen Klammern sind optional):

Bezahlungsart | Transaktions-ID | Authorisierungscode [| Adressverifizierungscode (falls vorhanden)]

Beschreibung der einzelnen Werte:

- Zahlungsart: CC = Kreditkarte, ECHECK = eCheck
- Transaktions-ID: Nummer zur eindeutigen Identifikation einer Authorize.Net Transaktion
- Authorisierungscode: Dieser Authorisierungscode wird vom Finanzinstitut vergeben, welches die Transaktion verarbeitet.
- Adressverifizierungscode + Erklärung: Falls AVS verwendet wird, steht hier der Adressverifizierungs-

status.

3.3 Transaktions-Info:

Aufbau:

Response Code | CVV2-Response Code | Response Reason Code | Response Reason Text

Beschreibung der einzelnen Werte:

- Response Code: 1 = angenommen, 2 = abgelehnt, 3 = Verarbeitungsfehler, 4 = Review nötig
- CVV2-Response Code: 3D-Secure Infocode
- Response Reason Code: 1 bis 319, Erklärung des Vorfalls, Details siehe Anhang
- Response Reason Text: Textbeschreibung, Erklärung des Vorfalls, Details siehe Anhang

3.4 MerchantInterface (Back-Office) Links

Authorize.Net bietet je ein MerchantInterface für Testaccounts und für produktive Accounts an:

- Testsystem Merchant Interface: <https://test.authorize.net/>
- Produktivsystem Merchant Interface: <https://account.authorize.net/>

3.5 Logging:

Der PepperShop kann alle Aufrufe, die er ans Authorize.Net System absetzt, loggen. Das entsprechende Logfile lautet `authorize_net.log` und kann via Log-Viewer (Modul) eingesehen werden (Shop-Administration ⇒ Externe PepperShop Module ⇒ Log-Viewer). Das Verhalten der Logging-Mechanismen kann über Einstellungen in der zentralen Authorize.Net Steuerungsdatei `{shop_verzeichnis}/shop/authorize_net_def.php` gesteuert werden (benötigt PHP Kenntnisse).

Per Default werden nur fehlgeschlagene / abgelehnte Aufrufe geloggt.

4. Log-Viewer Installation

Bevor man die vom Authorize.Net Modul erzeugten Log-Dateien sehen kann, müssen wir noch das externe PepperShop Modul 'Log-Viewer' installieren, falls dieses Modul nicht schon installiert ist. Dies funktioniert analog wie die Modulinstallation des Authorize.Net Moduls. Wir klicken in der Shopadministration auf den Menüpunkt 'Module' und dort auf den Button, der mit 'Modulverwaltung' betitelt ist. Hier klicken wir im linken Fenster auf 'Log Viewer' und unten dran auf den grün beschrifteten Button Installieren. Wir bestätigen den Verlauf der Installation mit Klick auf den Button Zurück zur Modulverwaltung.

Nach der Installation des Log-Viewers erscheint dieser nun im rechten Fenster, welches die installierten Module anzeigt. Wenn wir im rechten Fenster auf 'Benutzen' klicken, können wir die vorhandenen Log-Dateien sehen.

5. Bedienung

Kundenseitig ist die Bedienung relativ einfach. In der Kasse wird eine über Authorize.Net gehandelte Zahlungsart / Kreditkarte angewählt. Beim Klick auf weiter folgt die Bestellungsübersicht. Von dort aus geht es zur Anzeige der AGB. Danach wird ein neues Fenster geöffnet, in welchem die Authorize.Net Bezahlung abgehandelt wird (Zahlungsmaske). Nach Abschluss der Bezahlung wird der Kunde zurück zum Shop geleitet und ihm wird eine Erfolgs- oder Fehlermeldung angezeigt.

6. Kontakt

Authorize.Net AG
808 East Utah Valley Drive
American Fork, UT 84003
USA

Sales: Tel. +1 888 323 42 89

Merchant Support: +1 877 447 39 38 / Kontaktformular

Webseite: www.authorize.net

7. Installation

7.1 Voraussetzungen

Um das Authorize.Net Modul einsetzen zu können, ist ein Webserver mit PHP5, sowie ein PepperShop v.3.0 Professional oder Enterprise erforderlich. Der Shopbetreiber muss über ein U.S. Based merchant bank account verfügen, welches Internet Transaktionen erlaubt. Weiter muss der Shopbetreiber einen Card Not Present Authorize.Net Payment Gateway Account haben.

7.2 Dateien kopieren und hochladen

Das Authorize.Net Modul besteht im Wesentlichen aus sechs Dateien, die man in seinen installierten PepperShop kopieren muss. Dazu entpackt man zuerst das mitgelieferte ZIP-Archiv. Es sind folgende Dateien enthalten, hier mit den Zielverzeichnissen dargestellt:

```
{shopdir}/shop/authorize_net_def.php | Datei
{shopdir}/shop/authorize_net_payment.php | Datei
{shopdir}/shop/Admin/module/authorize_net/* | Verzeichnis
```

Die Dateien und das Verzeichnis lassen sich einfach via FTP oder SCP zum Webserver hochladen. Der Platzhalter {shopdir} steht dabei für das Shopverzeichnis auf dem Webserver, wo die Datei `index.php` zusammen mit `README.txt` zu finden ist.

Modulinstallation

Nach dem Kopieren der Dateien kann man in die Shop-Administration gehen und dort ins Menü 'Module' wechseln. Auf der linken Seite, bei den noch nicht installierten Modulen, sieht man nun das Authorize.Net Modul aufgelistet.

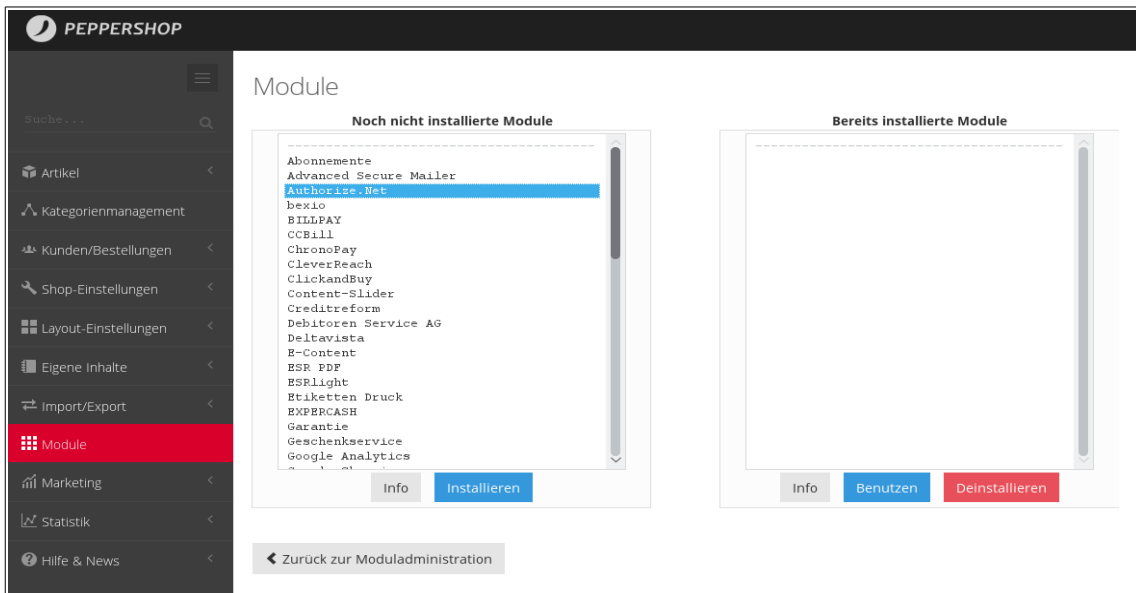


Abbildung 4: Authorize.Net Modul ist installiert (angezeigte Module können variieren)

Nun muss das Authorize.Net Modul angewählt und auf den 'Installieren' Button geklickt werden. Wenn die Installationsroutine ohne Probleme durchläuft, wird dies auf der darauf folgenden Seite kommuniziert. Das Modul ist nun installiert. Wir klicken nun auf den Button 'Zurück zur Modulverwaltung' und dort 'Zurück zur Moduladministration'. Wir sehen jetzt einen Button für das Authorize.Net Modul. Wenn man auf diesen Button klickt, erscheint die Authorize.Net Modulverwaltung.

Module Authorize.Net SIM

Aktivierung	<input type="checkbox"/>
API Login ID	<input type="text"/>
Transaction Key	<input type="text"/>
MD5-Hash	<input type="text"/>
Betriebsart	<input checked="" type="radio"/> Testbetrieb <input type="radio"/> Produktivbetrieb
Verarbeitungsmodus	AUTH_CAPTURE ?
Kreditkartenzuweisung	Kreditkartenhandling anpassen

Info: Nach der Erstinstallation und Aktivierung dieser Zahlungsart bitte für jede Ländergruppe in [Lieferländer](#) und [Versandarten](#) entsprechend Kreditkarten aktivieren. Weiter muss einmalig in den Allgemeinen [Shopeinstellungen](#) das Handling der Kreditkarten auf Authorize.Net angepasst werden.

Speichern

Abbildung 5: Authorize.Net Modul Administration

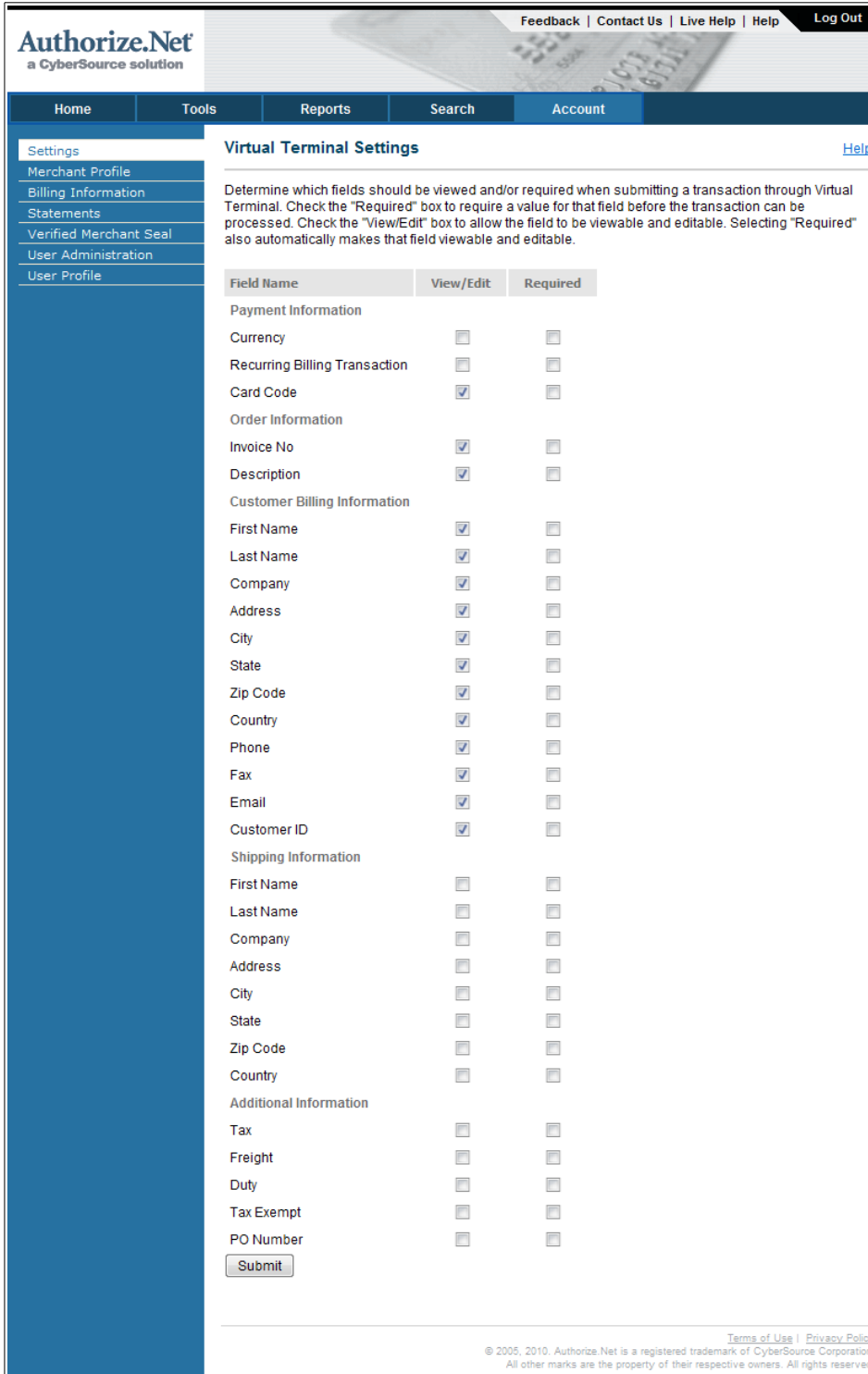
Die Installation des Authorize.Net Moduls im Webshop ist nun abgeschlossen. Damit das Modul eingesetzt werden kann, muss das Modul nun noch an die spezifische Konfiguration des Shopbetreibers angepasst werden und im Merchant Account von Authorize.Net müssen noch einige Einstellungen durchgeführt werden, siehe dazu die nächsten beiden Kapitel.

Anhang 1: Authorize.Net Account Settings Vorlagen

Nun folgen Screenshots mit Konfigurationsvorschlägen für den Authorize.Net Account:

Virtual Terminal Settings

Parameter welche das virtuelle Terminal zum Shop retourniert:



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Settings

Merchant Profile
Billing Information
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Virtual Terminal Settings [Help](#)

Determine which fields should be viewed and/or required when submitting a transaction through Virtual Terminal. Check the "Required" box to require a value for that field before the transaction can be processed. Check the "View/Edit" box to allow the field to be viewable and editable. Selecting "Required" also automatically makes that field viewable and editable.

Field Name	View/Edit	Required
Payment Information		
Currency	<input type="checkbox"/>	<input type="checkbox"/>
Recurring Billing Transaction	<input type="checkbox"/>	<input type="checkbox"/>
Card Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Order Information		
Invoice No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Customer Billing Information		
First Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Last Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Company	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Address	<input checked="" type="checkbox"/>	<input type="checkbox"/>
City	<input checked="" type="checkbox"/>	<input type="checkbox"/>
State	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zip Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Country	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Phone	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fax	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Email	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Customer ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shipping Information		
First Name	<input type="checkbox"/>	<input type="checkbox"/>
Last Name	<input type="checkbox"/>	<input type="checkbox"/>
Company	<input type="checkbox"/>	<input type="checkbox"/>
Address	<input type="checkbox"/>	<input type="checkbox"/>
City	<input type="checkbox"/>	<input type="checkbox"/>
State	<input type="checkbox"/>	<input type="checkbox"/>
Zip Code	<input type="checkbox"/>	<input type="checkbox"/>
Country	<input type="checkbox"/>	<input type="checkbox"/>
Additional Information		
Tax	<input type="checkbox"/>	<input type="checkbox"/>
Freight	<input type="checkbox"/>	<input type="checkbox"/>
Duty	<input type="checkbox"/>	<input type="checkbox"/>
Tax Exempt	<input type="checkbox"/>	<input type="checkbox"/>
PO Number	<input type="checkbox"/>	<input type="checkbox"/>

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Payment Form Fields

Einstellungen, was in der Bezahlungsmaske angezeigt und abgefragt wird:

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Tools

Reports

Search

Account

Settings

Merchant Profile

Billing Information

Statements

Verified Merchant Seal

User Administration

User Profile

Payment Form - Fields

[Help](#)

Determine which fields should be viewable, editable, or required when submitting a transaction using the Payment Form. Check the "Required" box to require a value for that field before the transaction can be processed. Check the "View" box to allow the field to be viewable on the Payment Form. Check the "Edit" box to allow the field to be editable on the Payment Form.

Note: Any fields that are checked as "Required" below, will require a value for that field to be entered before the transaction can be processed, regardless of whether you use Advanced Integration Method (AIM) or Server Integration Method (SIM) for connecting to the payment gateway.

Field Name	View	Edit	Required
Payment Information			
Recurring Billing Transaction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Card Code	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Order Information			
Invoice No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Customer Billing Information			
First Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Last Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Company	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Address	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
City	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
State	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zip Code	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Country	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Phone	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fax	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Email	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Customer ID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Information			
First Name	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Last Name	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Company	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zip Code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Country	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Information			
Tax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Freight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Duty	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tax Exempt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PO Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security Code			
This security feature helps to prevent unauthorized access to or abuse of your Payment Form by automated Internet Web programs. When this feature is enabled, the customer is required to enter a security code from a randomly generated image embedded in the Payment Form to continue with their order.			
<input type="checkbox"/> Require the Security Code feature on the Payment Form.			
Shipping and Return Policies			
Include a link to your shipping and return policies page on your Web site on the Payment Form.			
Shipping and Return Policy URL:			
<input type="button" value="Submit"/> <input type="button" value="Preview"/>			
Return to Payment Form Main Menu			

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Address Verification Service (AVS) Settings

Adressprüfungseinstellungen. Der folgende Screenshot zeigt Einstellungen, welche moderat prüfen und auch internationale Kunden zulassen.

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- Settings
- Merchant Profile
- Billing Information
- Statements
- Verified Merchant Seal
- User Administration
- User Profile

Strengthen your Address Verification Service settings... [Learn more](#)

Address Verification Service (AVS) Settings [Help](#)

The Address Verification Service (AVS) is a tool designed by bankcard processors to assist in identifying potentially fraudulent credit card transactions. For every credit card authorization, AVS compares the billing address and ZIP code provided by the customer to the address and ZIP code on file at the card issuing bank. AVS then returns a response code indicating the results of the comparison.

In the section below, you can choose which transactions to reject, based on the response codes, by checking the box next to each code. The payment gateway will reject transactions based on your selection. The recommended AVS response code selections are **B, E, R, G, U, S,** and **N**.

General AVS Responses

Reject

- B** Transaction was submitted without a billing address.
- E** AVS data provided is invalid or AVS is not allowed for the card type that was used.
- R** The AVS system was unavailable at the time of processing.
- G** The card issuing bank is of non-U.S. origin and does not support AVS.
- U** The address information for the cardholder is unavailable.
- S** The U.S. card issuing bank does not support AVS.

Address and ZIP Code Responses

		Street Address	ZIP Code	Extended ZIP
<input checked="" type="checkbox"/>	N	No Match	No Match	No Match
<input type="checkbox"/>	A	Matched	No Match	No Match
<input type="checkbox"/>	Z	No Match	Matched	No Match
<input type="checkbox"/>	W	No Match	Matched	Matched
<input type="checkbox"/>	Y	Matched	Matched	No Match

EXAMPLE:

808 E UTAH VALLEY DR | AMERICAN FORK, UT | 84003-9707

Street Address
ZIP Code
Extended ZIP

Tips

- The **N** response code indicates there is no match on both the street address and ZIP code. An **N** response code is typically a strong indicator of fraud. However, it may be legitimate if a customer has recently moved and has not updated their address to the issuing bank.
- To avoid errors when accepting gift cards (stored-value cards with a Visa, MasterCard, Discover or American Express logo), you will want to uncheck the **U** response code. For this type of transaction, the customer's billing address will most likely not be associated with the gift card, or will not be on file at the issuing bank.
- Not all banks outside the United States will return codes **G, U** and **S**. Therefore, these codes are not absolutely effective for preventing transactions from outside the United States.
- In most cases, **Y** is a desired response code and should be left unchecked. You should only set **Y** to reject if you need to be certain that both the street address and full 9- digit ZIP code match exactly. Selecting this response is likely to block legitimate transactions.
- Only one AVS response will return for each transaction. For example, a transaction cannot receive both an **A** (ZIP code mismatch) and a **G** (non- U.S. card issuing bank) response.

IMPORTANT: Please be aware that AVS is not intended for use as an absolute protection against suspicious transaction activity. With so many possible reasons as to why an address and ZIP code may not match, you should carefully consider your business's level of risk when configuring your AVS mismatch rejection settings.

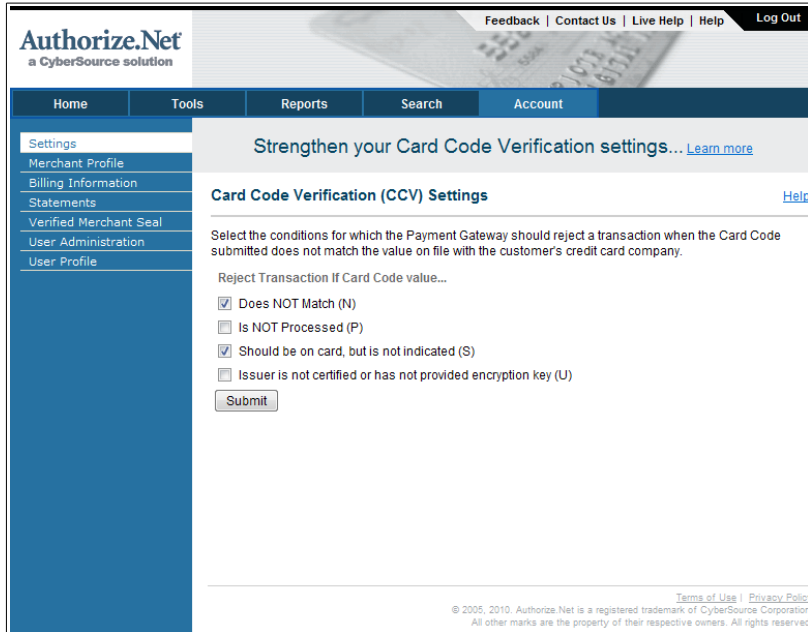
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www.peppershop.com

Card Code Verification (CCV) Settings

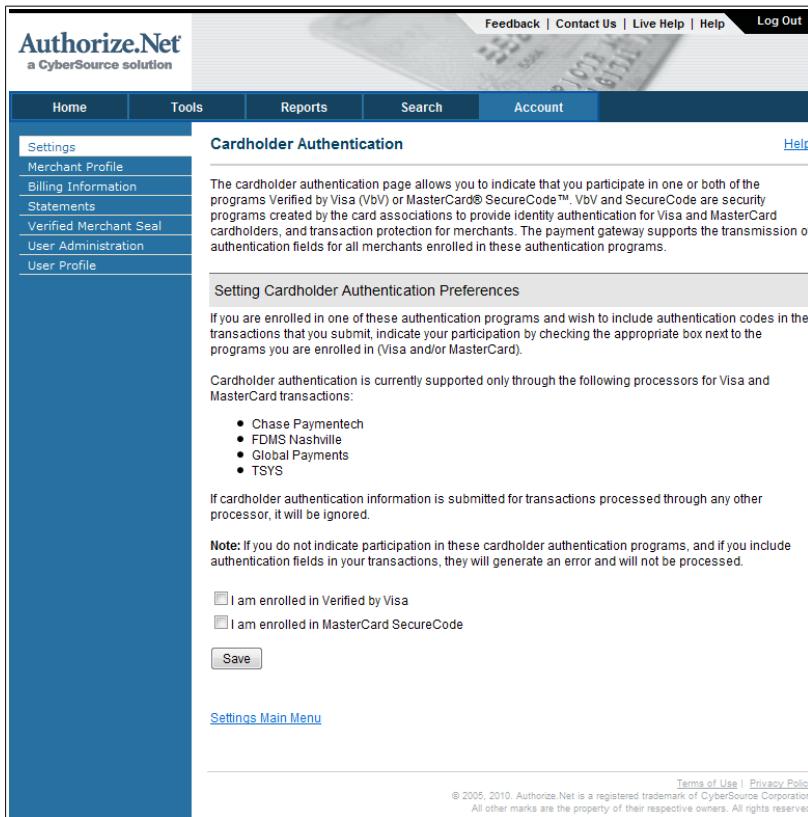
Hier geht es um den CVV2/CVC2 Code. Welche Fehler führen zur Ablehnung der Transaktion:



The screenshot shows the 'Card Code Verification (CCV) Settings' page in the Authorize.Net merchant interface. The page title is 'Strengthen your Card Code Verification settings... Learn more'. The main heading is 'Card Code Verification (CCV) Settings' with a 'Help' link. Below the heading, there is a descriptive paragraph: 'Select the conditions for which the Payment Gateway should reject a transaction when the Card Code submitted does not match the value on file with the customer's credit card company.' Underneath, there is a section 'Reject Transaction If Card Code value...' with four checkboxes: 'Does NOT Match (N)' (checked), 'Is NOT Processed (P)' (unchecked), 'Should be on card, but is not indicated (S)' (checked), and 'Issuer is not certified or has not provided encryption key (U)' (unchecked). A 'Submit' button is located at the bottom of this section. The footer contains copyright information: '© 2005, 2010, Authorize.Net is a registered trademark of CyberSource Corporation. All other marks are the property of their respective owners. All rights reserved.'

Cardholder Authentication

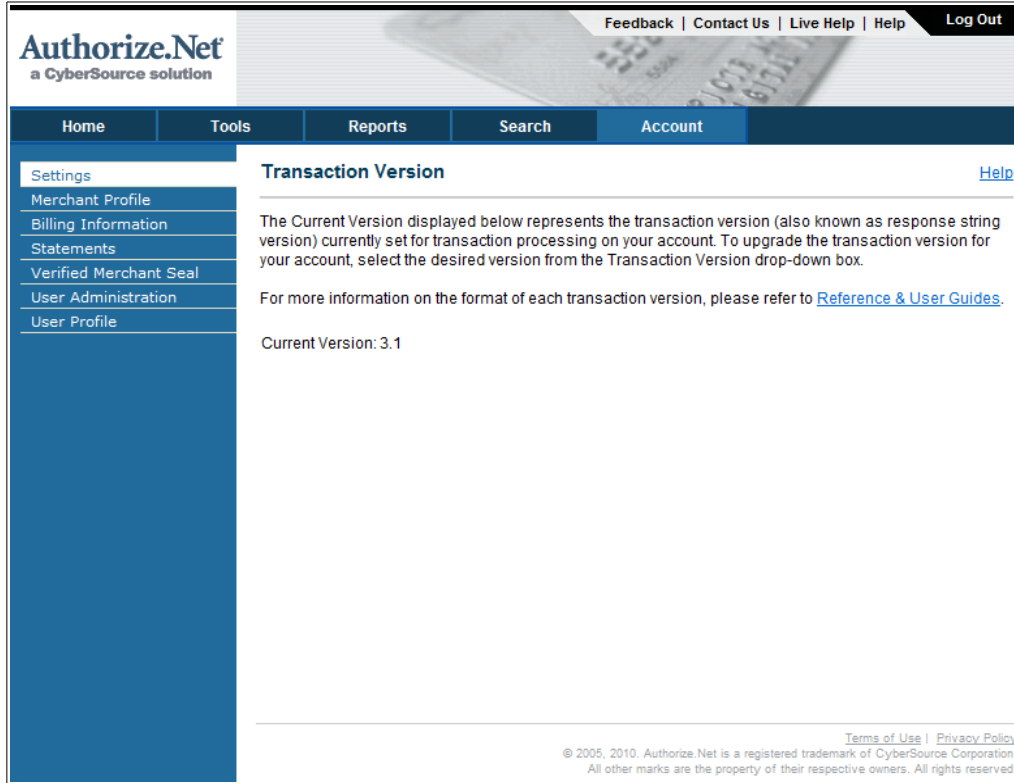
Wenn man Verified by Visa und/oder Mastercard SecureCode hat, hier einschalten:



The screenshot shows the 'Cardholder Authentication' page in the Authorize.Net merchant interface. The page title is 'Cardholder Authentication' with a 'Help' link. Below the heading, there is a descriptive paragraph: 'The cardholder authentication page allows you to indicate that you participate in one or both of the programs Verified by Visa (VbV) or MasterCard® SecureCode™. VbV and SecureCode are security programs created by the card associations to provide identity authentication for Visa and MasterCard cardholders, and transaction protection for merchants. The payment gateway supports the transmission of authentication fields for all merchants enrolled in these authentication programs.' Below this, there is a section 'Setting Cardholder Authentication Preferences'. It contains a paragraph: 'If you are enrolled in one of these authentication programs and wish to include authentication codes in the transactions that you submit, indicate your participation by checking the appropriate box next to the programs you are enrolled in (Visa and/or MasterCard).' This is followed by a list of supported processors: 'Chase Paymentech', 'FDMS Nashville', 'Global Payments', and 'TSYS'. A note states: 'If cardholder authentication information is submitted for transactions processed through any other processor, it will be ignored.' Another note says: 'Note: If you do not indicate participation in these cardholder authentication programs, and if you include authentication fields in your transactions, they will generate an error and will not be processed.' At the bottom, there are two checkboxes: 'I am enrolled in Verified by Visa' (unchecked) and 'I am enrolled in MasterCard SecureCode' (unchecked). A 'Save' button is located below these checkboxes. The footer contains copyright information: '© 2005, 2010, Authorize.Net is a registered trademark of CyberSource Corporation. All other marks are the property of their respective owners. All rights reserved.'

Transaction Version

Welche Version der Transaktionsrückmeldungen wird verwendet? Der Shop arbeitet mit v.3.1.



The screenshot shows the Authorize.Net merchant dashboard. At the top, there is a navigation bar with links for Feedback, Contact Us, Live Help, Help, and Log Out. Below this is a main navigation menu with tabs for Home, Tools, Reports, Search, and Account. The Account tab is selected, and a sidebar menu on the left lists various settings options: Settings, Merchant Profile, Billing Information, Statements, Verified Merchant Seal, User Administration, and User Profile. The main content area is titled "Transaction Version" and includes a "Help" link. The text explains that the current version is 3.1 and provides instructions on how to upgrade it. A link to "Reference & User Guides" is also provided. At the bottom of the page, there is a footer with copyright information and links to Terms of Use and Privacy Policy.

Authorize.Net
a CyberSource solution

Feedback | Contact Us | Live Help | Help | Log Out

Home | Tools | Reports | Search | Account

Settings
Merchant Profile
Billing Information
Statements
Verified Merchant Seal
User Administration
User Profile

Transaction Version [Help](#)

The Current Version displayed below represents the transaction version (also known as response string version) currently set for transaction processing on your account. To upgrade the transaction version for your account, select the desired version from the Transaction Version drop-down box.

For more information on the format of each transaction version, please refer to [Reference & User Guides](#).

Current Version: 3.1

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Anhang 2: Response Codes und Response Reason Codes / Texts

Response Codes

Authorize.Net retourniert vier verschiedene Response Codes, welche über den Erfolg der bearbeiteten Transaktion berichten. Der PepperShop akzeptiert nur Transaktionen mit Response Code = 1 als erfolgreich.

Response Code Reason

1	This transaction has been approved.
2	This transaction has been declined.
3	There has been an error processing this transaction.
4	This transaction is being held for review.

Response Reason Codes, Texts und Infos

Neben dem reinen Response Code gibt es immer noch einen sogenannten Response Reason Code von Authorize.Net zurückgeliefert. Dieser Code ist die nähere Beschreibung, welche textuell im Response Reason ausgeführt ist. In der Spalte 'Notes' befinden sich zusätzliche Informationen zu dieser Response (Antwort).

Response Code	Response Reason Code	Response Reason Text	Notes
1	1	This transaction has been approved.	
2	2	This transaction has been declined.	
2	3	This transaction has been declined.	
2	4	This transaction has been declined.	The code returned from the processor indicating that the card used needs to be picked up.
3	5	A valid amount is required.	The value submitted in the amount field did not pass validation for a number.
3	6	The credit card number is invalid.	
3	7	The credit card expiration date is invalid.	The format of the date submitted was incorrect.
3	8	The credit card has expired.	
3	9	The ABA code is invalid.	The value submitted in the x_bank_aba_code field did not pass validation or was not for a valid financial institution.
3	10	The account number is invalid.	The value submitted in the x_bank_acct_num field did not pass validation.
3	11	A duplicate transaction has been submitted.	A transaction with identical amount payment information was submitted during the Duplicate Transaction Window for the original transaction. Please see the .Response for Duplicate Transactions. topic for more details.
3	12	An authorization code is required but not present.	A transaction that required x_auth_code to be present was submitted without a value.

Response Code	Response Reason Code	Response Reason Text	Notes
3	13	The merchant API Login ID is invalid or the account is inactive.	
3	14	The Referrer or Relay Response URL is invalid.	The Relay Response or Referrer URL does not match the merchant.s configured value(s) or is absent. Applicable only to SIM and WebLink APIs.
3	15	The transaction ID is invalid.	The transaction ID value is nonnumeric or was not present for a transaction that requires it (such as VOID, PRIOR_AUTH_CAPTURE, and CREDIT).
3	16	The transaction was not found.	The transaction ID sent in was properly formatted but the gateway had no record of the transaction for the gateway account used.
3	17	The merchant does not accept this type of credit card.	The merchant was not configured to accept the credit card type submitted in the transaction.
3	18	ACH transactions are not accepted by this merchant.	The merchant does not accept electronic checks.
3	19	An error occurred during processing.	Please try again in 5 minutes.
3	20	An error occurred during processing.	Please try again in 5 minutes.
3	21	An error occurred during processing.	Please try again in 5 minutes.
3	22	An error occurred during processing.	Please try again in 5 minutes.
3	23	An error occurred during processing.	Please try again in 5 minutes.
3	24	The Nova Bank Number or Terminal ID is incorrect.	Call Merchant Service Provider.
3	25	An error occurred during processing.	Please try again in 5 minutes.
3	26	An error occurred during processing.	Please try again in 5 minutes.
2	27	The transaction resulted in an AVS mismatch.	The address provided does not match billing address of cardholder.
2	28	The merchant does not accept this type of credit card.	The Merchant ID at the processor was not configured to accept this card type.
2	29	The Paymentech identification numbers are incorrect.	Call Merchant Service Provider.
2	30	The configuration with the processor is invalid.	Call Merchant Service Provider.
2	31	The FDC Merchant ID or Terminal ID is incorrect.	Call Merchant Service Provider. The merchant was incorrectly set up at the processor.
3	32	This reason code is reserved or not applicable to this API.	

Response Code	Response Reason Code	Response Reason Text	Notes
3	33	FIELD cannot be left blank.	The word FIELD will be replaced by an actual field name. This error indicates that a field the merchant specified as required was not filled in. Please see the Form Settings topic in the Merchant Integration Guide for details.
2	34	The VITAL identification numbers are incorrect.	Call Merchant Service Provider. The merchant was incorrectly set up at the processor.
2	35	An error occurred during processing.	Call Merchant Service Provider. The merchant was incorrectly set up at the processor.
3	36	The authorization was approved, but settlement failed.	
2	37	The credit card number is invalid.	
2	38	The Global Payment System identification numbers are incorrect.	Call Merchant Service Provider. The merchant was incorrectly set up at the processor.
3	40	This transaction must be encrypted.	
2	41	This transaction has been declined.	Only merchants set up for the FraudScreen.Net service would receive this decline. This code will be returned if a given transaction's fraud score is higher than the threshold set by the merchant.
3	43	The merchant was incorrectly set up at the processor.	Call your Merchant Service Provider. The merchant was incorrectly set up at the processor.
2	44	This transaction has been declined.	The card code submitted with the transaction did not match the card code on file at the card issuing bank and the transaction was declined.
2	45	This transaction has been declined.	This error would be returned if the transaction received a code from the processor that matched the rejection criteria set by the merchant for both the AVS and Card Code filters.
3	46	Your session has expired or does not exist.	You must log in to continue working.
3	47	The amount requested for settlement may not be greater than the original amount authorized.	This occurs if the merchant tries to capture funds greater than the amount of the original authorization-only transaction.
3	48	This processor does not accept partial reversals.	The merchant attempted to settle for less than the originally authorized amount.
3	49	A transaction amount greater than \$[amount] will not be accepted.	The transaction amount submitted was greater than the maximum amount allowed.
3	50	This transaction is awaiting settlement and cannot be refunded.	Credits or refunds can only be performed against settled transactions. The transaction against which the credit/refund was submitted has not been settled, so a credit cannot be issued.

Response Code	Response Reason Code	Response Reason Text	Notes
3	51	The sum of all credits against this transaction is greater than the original transaction amount.	
3	52	The transaction was authorized, but the client could not be notified; the transaction will not be settled.	
3	53	The transaction type was invalid for ACH transactions.	If x_method = ECHECK, x_type cannot be set to CAPTURE_ONLY.
3	54	The referenced transaction does not meet the criteria for issuing a credit.	
3	55	The sum of credits against the referenced transaction would exceed the original debit amount.	The transaction is rejected if the sum of this credit and prior credits exceeds the original debit amount
3	56	This merchant accepts ACH transactions only; no credit card transactions are accepted.	The merchant processes eCheck.Net transactions only and does not accept credit cards.
3	57	An error occurred in processing.	Please try again in 5 minutes.
3	58	An error occurred in processing.	Please try again in 5 minutes.
3	59	An error occurred in processing.	Please try again in 5 minutes.
3	60	An error occurred in processing.	Please try again in 5 minutes.
3	61	An error occurred in processing.	Please try again in 5 minutes.
3	62	An error occurred in processing.	Please try again in 5 minutes.
3	63	An error occurred in processing.	Please try again in 5 minutes.
2	65	This transaction has been declined.	The transaction was declined because the merchant configured their account through the Merchant Interface to reject transactions with certain values for a Card Code mismatch. 3 66 This transaction cannot be accepted for processing. The transaction did not meet gateway security guidelines.
3	68	The version parameter is invalid.	The value submitted in x_version was invalid.
3	69	The transaction type is invalid.	The value submitted in x_type was invalid.
3	70	The transaction method is invalid.	The value submitted in x_method was invalid.

Response Code	Response Reason Code	Response Reason Text	Notes
3	71	The bank account type is invalid.	The value submitted in x_bank_acct_type was invalid.
3	72	The authorization code is invalid.	The value submitted in x_auth_code was more than six characters in length.
3	73	The driver`s license date of birth is invalid.	The format of the value submitted in x_drivers_license_dob was invalid.
3	74	The duty amount is invalid.	The value submitted in x_duty failed format validation.
3	75	The freight amount is invalid.	The value submitted in x_freight failed format validation.
3	76	The tax amount is invalid.	The value submitted in x_tax failed format validation.
3	77	The SSN or tax ID is invalid.	The value submitted in x_customer_tax_id failed validation.
3	78	The Card Code (CVV2/CVC2/CID) is invalid.	The value submitted in x_card_code failed format validation.
3	79	The driver`s license number is invalid.	The value submitted in x_drivers_license_num failed format validation.
3	80	The driver`s license state is invalid.	The value submitted in x_drivers_license_state failed format validation.
3	81	The requested form type is invalid.	The merchant requested an integration method not compatible with the AIM API.
3	82	Scripts are only supported in version 2_5.	The system no longer supports version 2.5; requests cannot be posted to scripts.
3	83	The requested script is either invalid or no longer supported.	The system no longer supports version 2.5; requests cannot be posted to scripts.
3	84	This reason code is reserved or not applicable to this API.	
3	85	This reason code is reserved or not applicable to this API.	
3	86	This reason code is reserved or not applicable to this API.	
3	87	This reason code is reserved or not applicable to this API.	
3	88	This reason code is reserved or not applicable to this API.	
3	89	This reason code is reserved or not applicable to this API.	
3	90	This reason code is reserved or not applicable to this API.	
3	91	Version 2_5 is no longer supported.	
3	92	The gateway no longer supports the requested method of integration.	
3	98	This transaction cannot be accepted.	Applicable only to SIM API. The transaction fingerprint has already been used.

Response Code	Response Reason Code	Response Reason Text	Notes
3	97	This transaction cannot be accepted.	Applicable only to SIM API. Fingerprints are only valid for a short period of time. This code indicates that the transaction fingerprint has expired.
3	99	This transaction cannot be accepted.	Applicable only to SIM API. The server-generated fingerprint does not match the merchant-specified fingerprint in the x_fp_hash field.
3	100	The eCheck_Net type is invalid.	Applicable only to eCheck.Net. The value specified in the x_echeck_type field is invalid.
3	101	The given name on the account and/or the account type does not match the actual account.	Applicable only to eCheck.Net. The specified name on the account and/or the account type do not match the NOC record for this account.
3	102	This request cannot be accepted.	A password or Transaction Key was submitted with this WebLink request. This is a high security risk.
3	103	This transaction cannot be accepted.	A valid fingerprint, Transaction Key, or password is required for this transaction.
3	104	This transaction is currently under review.	Applicable only to eCheck_Net. The value submitted for country failed validation.
3	105	This transaction is currently under review.	Applicable only to eCheck_Net. The values submitted for city and country failed validation.
3	106	This transaction is currently under review.	Applicable only to eCheck_Net. The value submitted for company failed validation.
3	107	This transaction is currently under review.	Applicable only to eCheck_Net. The value submitted for bank account name failed validation.
3	108	This transaction is currently under review.	Applicable only to eCheck_Net. The values submitted for first name and last name failed validation.
3	109	This transaction is currently under review.	Applicable only to eCheck_Net. The values submitted for first name and last name failed validation.
3	110	This transaction is currently under review.	Applicable only to eCheck_Net. The value submitted for bank account name does not contain valid characters.
3	120	An error occurred during processing.	Please try again. The system-generated void for the original timed-out transaction failed. (The original transaction timed out while waiting for a response from the authorizer.)
3	121	An error occurred during processing.	Please try again. The system-generated void for the original errored transaction failed. (The original transaction experienced a database error.)
3	122	An error occurred during processing.	Please try again. The system-generated void for the original errored transaction failed. (The original transaction experienced a processing error.)
3	123	This account has not been given the permission(s) required for this request.	The transaction request must include the API Login ID associated with the payment gateway account.
2	127	The transaction resulted in an AVS mismatch.	The address provided does not match billing address of cardholder. The system-generated void for the original AVS-rejected transaction failed.

Response Code	Response Reason Code	Response Reason Text	Notes
3	128	This transaction cannot be processed.	The customer.s financial institution does not currently allow transactions for this account.
3	130	This payment gateway account has been closed.	IFT: The payment gateway account status is Blacklisted.
3	131	This transaction cannot be accepted at this time.	IFT: The payment gateway account status is Suspended-STA.
3	132	This transaction cannot be accepted at this time.	IFT: The payment gateway account status is Suspended-Blacklist.
2	141	This transaction has been declined.	The system-generated void for the original FraudScreen-rejected transaction failed.
2	145	This transaction has been declined.	The system-generated void for the original card code-rejected and AVSrejected transaction failed.
3	152	The transaction was authorized, but the client could not be notified; the transaction will not be settled.	The system-generated void for the original transaction failed. The response for the original transaction could not be communicated to the client.
2	165	This transaction has been declined.	The system-generated void for the original card code-rejected transaction failed.
3	170	An error occurred during processing.	Please contact the merchant. Concord EFS . Provisioning at the processor has not been completed.
2	171	An error occurred during processing.	Please contact the merchant. Concord EFS . This request is invalid.
2	172	An error occurred during processing.	Please contact the merchant. Concord EFS . The store ID is invalid.
3	173	An error occurred during processing.	Please contact the merchant. Concord EFS . The store key is invalid.
2	174	The transaction type is invalid.	Please contact the merchant. Concord EFS . This transaction type is not accepted by the processor.
3	175	The processor does not allow voiding of credits.	Concord EFS . This transaction is not allowed. The Concord EFS processing platform does not support voiding credit transactions. Please debit the credit card instead of voiding the credit.
3	180	An error occurred during processing.	Please try again. The processor response format is invalid.
3	181	An error occurred during processing.	Please try again. The system-generated void for the original invalid transaction failed. (The original transaction included an invalid processor response format.)
3	185	This reason code is reserved or not applicable to this API.	
4	193	The transaction is currently under review.	The transaction was placed under review by the risk management system.
2	200	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The credit card number is invalid.
2	201	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The expiration date is invalid.

Response Code	Response Reason Code	Response Reason Text	Notes
2	202	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The transaction type is invalid.
2	203	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The value submitted in the amount field is invalid.
2	204	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The department code is invalid.
2	205	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The value submitted in the merchant number field is invalid.
2	206	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The merchant is not on file.
2	207	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The merchant account is closed.
2	208	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The merchant is not on file.
2	209	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. Communication with the processor could not be established.
2	210	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The merchant type is incorrect.
2	211	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The cardholder is not on file.
2	212	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The bank configuration is not on file
2	213	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The merchant assessment code is incorrect.
2	214	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. This function is currently unavailable.
2	215	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The encrypted PIN field format is invalid.
2	216	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The ATM term ID is invalid.
2	217	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. This transaction experienced a general message format problem.
2	218	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The PIN block format or PIN availability value is invalid.
2	219	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The ETC void is unmatched.
2	220	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The primary CPU is not available.
2	221	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. The SE number is invalid.
2	222	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. Duplicate auth request (from INAS).

Response Code	Response Reason Code	Response Reason Text	Notes
2	223	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. This transaction experienced an unspecified error.
2	224	This transaction has been declined.	This error code applies only to merchants on FDC Omaha. Please reenter the transaction.
3	243	Recurring billing is not allowed for this eCheck_Net type.	The combination of values submitted for x_recurring_billing and x_echeck_type is not allowed.
3	244	This eCheck_Net type is not allowed for this Bank Account Type.	The combination of values submitted for x_bank_acct_type and x_echeck_type is not allowed.
3	245	This eCheck_Net type is not allowed when using the payment gateway hosted payment form.	The value submitted for x_echeck_type is not allowed when using the payment gateway hosted payment form.
3	246	This eCheck_Net type is not allowed.	The merchant.s payment gateway account is not enabled to submit the eCheck.Net type.
3	247	This eCheck_Net type is not allowed.	The combination of values submitted for x_type and x_echeck_type is not allowed.
2	250	This transaction has been declined.	This transaction was submitted from a blocked IP address.
2	251	This transaction has been declined.	The transaction was declined as a result of triggering a Fraud Detection Suite filter.
4	252	Your order has been received.	Thank you for your business! The transaction was accepted, but is being held for merchant review. The merchant can customize the customer response in the Merchant Interface.
4	253	Your order has been received.	Thank you for your business! The transaction was accepted and was authorized, but is being held for merchant review. The merchant can customize the customer response in the Merchant Interface.
2	254	Your transaction has been declined.	The transaction was declined after manual review.
3	261	An error occurred during processing.	Please try again. The transaction experienced an error during sensitive data encryption and was not processed.
3	270	The line item [item number] is invalid.	A value submitted in x_line_item for the item referenced is invalid.
3	271	The number of line items submitted is not allowed.	A maximum of 30 line items can be submitted. The number of line items submitted exceeds the allowed maximum of 30.
3	288	Merchant is not registered as a Cardholder Authentication participant.	This transaction cannot be accepted. The merchant has not indicated participation in any Cardholder Authentication Programs in the Merchant Interface.
3	289	This processor does not accept zero dollar authorization for this card type.	Your credit card processing service does not yet accept zero dollar authorizations for Visa credit cards. You can find your credit card processor listed on your merchant profile.

Response Code	Response Reason Code	Response Reason Text	Notes
3	290	One or more required AVS values for zero dollar authorization were not submitted.	When submitting authorization requests for Visa, the address and zip code fields must be entered.
4	295	The amount of this request was only partially approved on the given pre-paid credit card.	A second credit card is required to complete the balance of this transaction. The amount authorized is less than the requested transaction amount.
3	296	The specified SplitTenderId is not valid.	
3	297	A Transaction ID and a Split Tender ID cannot both be used in a single transaction request.	
3	300	The device ID is invalid.	The value submitted for x_device_id is invalid.
3	301	The device batch ID is invalid.	The value submitted for x_device_batch_id is invalid.
3	302	The reversal flag is invalid.	The value submitted for x_reversal is invalid.
3	303	The device batch is full.	Please close the batch. The current device batch must be closed manually from the POS device.
3	304	The original transaction is in a closed batch.	The original transaction has been settled and cannot be reversed.
3	305	The merchant is configured for autoclose.	This merchant is configured for autoclose and cannot manually close batches.
3	306	The batch is already closed.	
1	307	The reversal was processed successfully.	
1	308	Original transaction for reversal not found.	The transaction submitted for reversal was not found.
3	309	The device has been disabled.	The device has been disabled.
1	310	This transaction has already been voided.	This transaction has already been voided.
1	311	This transaction has already been captured This transaction has already been captured.	
3	312	The specified security code was invalid.	The customer entered the wrong security code. A new security code will be generated, and the customer will be prompted to try again until successful.
3	313	The customer requested a new security code.	The customer requested a new security code. A new security code will be generated, and the customer will be prompted to try again until successful.
2	315	The credit card number is invalid.	This is a processor-issued decline.
2	316	The credit card expiration date is invalid.	This is a processor-issued decline.
2	317	The credit card has expired.	This is a processor-issued decline.

Response Code	Response Reason Code	Response Reason Text	Notes
2	318	A duplicate transaction has been submitted.	This is a processor-issued decline.
2	319	The transaction cannot be found.	This is a processor-issued decline.
2	-1	PepperShop internal Problem.	PepperShop interner Response Code / Response Reason.
