



**QuantumGateway**  
*the next evolution in processing*

# QGWdatabase Engine

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For support, please contact:  
(800) 929-1848  
<http://www.quantumgateway.com>

## What Is QGWdatabase Engine

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We have developed our Database Engine (QGWdbe) for our customers who collect and save ALL customer information and only wish to process the credit card through us.

This template below will allow just that.

### Form Fields

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| Field Name               | Required | Description  | Notes/Values   |
|--------------------------|----------|--|--|
| gwlogin                  | Yes      | Gateway Login  | Assigned Login   |
| trans_method             | No       | Payment Type   | CC or EFT (CC is default)  |
| ccnum                    | No       | Credit Card Number   |  |
| ccmo                     | No       | CC Expiration Month  | 2 digit month  |
| ccyr                     | No       | CC Expiration Year   | 2 digit year   |
| aba                      | No       | ABA/Routing Number   | 9 digit routing number   |
| checkacct                | No       | Account Number   | Checking Account Number  |
| amount                   | Yes      | Total To Charge  | Numeric Value IE 19.00   |
| ResponseMethod           | No       | How To Return To   | GET or POST (POST is default)  |
|                          |          | Merchants Site   |  |
| BADDR1                   | Yes      | Billing Address  | Needed for AVS   |
| BZIP1                    | Yes      | Billing Zip  | Needed for AVS   |
| BCUST_EMAIL              | No       | Customer Email Address   |  |
| override_email_customer  | No       | Override Default Send Customer Email   |  |
| override_trans_email     | No       | Override Default Send Merchant Email   |  |
| RestrictKey              | No       | Restrict Key - Your key if use Restrict Key is enabled                         |  |
| invoice_num              | No       | Invoice Number   |  |
| invoice_description      | No       | Invoice Description  |  |
| CVV2                     | No       | CVV2 Code  | 3 or 4 Digit Number  |
| CVVtype                  | No       | CVV Type   | 0 - Not Passing CVV2<br>1 - CVV2 is being passed<br>2 - CVV2 on card is unreadable<br>9 - Card has no CVV2 imprint |
| MAXMIND                  | No       | Max Mind Fraud Control   | 1 - Use Maxmind (default if not sent)<br>2 - Do not use Maxmind  |
| post_return_url_approved | Yes      | URL To Post After Approved Transaction   |  |
| post_return_url_declined | Yes      | URL To Post After Declined Transaction   |  |
| ID                       | No       | Your database generated ID   |  |
| bg_color                 | No       | Background Color   |  |
| txt_color                | No       | Text Color   |  |
| company_logo             | No       | Url To Company Logo  |  |
| FNAME                    | No       | Billing First name   |  |
| LNAME                    | No       | Billing Last Name  |  |
| BCITY                    | No       | Billing City   |  |
| BSTATE                   | No       | Billing State  |  |
| BCOUNTRY                 | No       | Billing Country  |  |
| phone                    | No       | Billing Phone  |  |
| SFNAME                   | No       | Shipping First Name  |  |
| SLNAME                   | No       | Shipping Last Name   |  |
| SADDR1                   | No       | Shipping Address   |  |
| SCITY                    | No       | Shipping City  |  |
| SSTATE                   | No       | Shipping State   |  |
| SZIP1                    | No       | Shipping Zip   |  |
| SCOUNTRY                 | No       | Shipping Country   |  |
| UserVar                  | No       | Any item passed along with this will be sent in email to merchant IE UserLogin |  |

|                   |    |  |
|-------------------|----|--|
| CustomerVar       | No | Any item passed along with this will be sent in email to customer IE CustomerLogin |
| header_receipt    | No | This will be displayed at the top of the receipt page                              |
| payment_heading   | No | This will be shown at the top of the checkout/payment page.                        |
| page_heading      | No | The heading you see at the top of your browser bar                                 |
| cust_id           | No | Customer ID  |
| override_recur    | No | Override Default Recur Price Y/N   |
| OverRideRecureDay | No | Override Default Recurring Day Y/N   |
| RID               | No | Recipe ID  |
| initial_amount    | No | Initial Amount<br>(if different than recurring)                                    |
| recur_times       | No | Times To Recur<br>(if different than recipe default.                               |

## Samples

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### Simple Form

```
<form method="Post" action="https://secure.quantumgateway.com/cgi/qgwdbe.php">
<input name="gwlogin" type="hidden" value="your_gateway_login">
<input name="post_return_url_approved" type="hidden"
value="http://www.mydomain.com/approved.html">
<input name="post_return_url_declined" type="hidden"
value="http://www.mydomain.com/declined.html">
<input name="ID" type="hidden" value="your_database_generatedID">
<input name="amount" type="hidden" value="the_trans_dollar_amount">
<input type="hidden" name="BADDR1" value="your value">
<input type="hidden" name="BZIP1" value="your value">
<input type="hidden" name="BCUST_EMAIL" value="your value">
<input type="hidden" name="bg_color" value="rgb color">
<input type="hidden" name="txt_color" value="rgb color">
<input type="hidden" name="company_logo"
value="http://www.mydomain.com/images/company_logo.gif">
<input type="SUBMIT" value="Submit">
</form>
```

### Submitting Payment Information

Please note that if you are collecting this information you should have a secure certificate to protect their information.

```
<form method="Post" action="https://secure.quantumgateway.com/cgi/qgwdbe.php">
<input name="gwlogin" type="hidden" value="your_gateway_login">
<input name="post_return_url_approved" type="hidden"
value="http://www.mydomain.com/approved.html">
<input name="post_return_url_declined" type="hidden"
value="http://www.mydomain.com/declined.html">
<input name="ID" type="hidden" value="your_database_generatedID">
<!--The ID can be anything you wish. ID, email address, username, etc. Something
that will get updated when they are finished-->
<input name="amount" type="hidden" value="the_trans_dollar_amount">
```

```
<input type="hidden" name="BADDR1" value="your value">
<input type="hidden" name="BZIP1" value="your value">
<input type="hidden" name="BCUST_EMAIL" value="your value">
<input type="hidden" name="bg_color" value="rgb color">
<input type="hidden" name="txt_color" value="rgb color">
<input type="hidden" name="company_logo"
value="http://www.mydomain.com/images/company_logo.gif">
<input type="hidden" name="trans_method" value="CC"> <!-- CC for Credit Card, EFT to
for checks ->
<input type="hidden" name="ccnum" value="your value">
<input type="hidden" name="ccmo" value="your value">
<input type="hidden" name="ccyr" value="your value">
</form>
```

## Sample Response Form

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```
<form action ="either accepted or declined url " method="Post">
<input name="ID" type="hidden" value="your_database_generatedID">
<input name="transID" type="hidden" value="transID">
<input name="authCode" type="hidden" value="authCode">
<input name="decline_reason" type="hidden" value="decline_reason"> # If declined
<input name="errorcode" type="hidden" value="errorcode"> # If declined
<input name="trans_result" type="hidden" value="APPROVED">#incase you have one page
to handle declines and approvals
<input name="avs_result" type="hidden" value="AVS Response ">
<input name="cvv2_result" type="hidden" value="CVV2 Result ">
<input name="max_score" type="hidden" value="MaxMind Score ">
<input type ="SUBMIT" value="Finish Processing Order">
</FORM>
```

## Sample GET Response

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```
post_url&invoice_num=1234
&trans_result=APPROVED&transID=2356874&amount=10.00&cust_id=8675309&ID=1&max_score=2.3
&authCode=194521&avs_result=Y&cvv2_result=M&md5_hash=&decline_reason=&errorcode=
```