

# GTBill Signup API

The Signup API uses a WEB FORM POST to initiate the request to GTBill.

## ***Required Information***

Before you will be able to submit transactions to GTBill, you will need a GTBill merchant account for your website. Once you have a merchant account established, GTBill will supply you with a MerchantID and a SiteID. These IDs uniquely identify your websites, customers, and payments. You will also receive a username and password for access to the reporting and site management tools.

You can view reports, transactions and account details at:

<https://merchant.381808.com/index.aspx>

Finally, you will need the URL to POST transactions to. That URL is:

<https://billing.GTBill.com/signup.aspx>

## **Site Management**

Login at: <https://merchant.381808.com/index.aspx>

Click on 'Merch Setup' -> 'Site Management' -> 'Configure Site'

1. Configure Member Management URL.
2. Configure username and password rules.
3. Upload a logo.
4. Customize the payment form
5. Manage approval, cancel, etc... emails
6. Configure the approval and decline transaction redirect URL's

\*Subscription plans are configured by your GTBill Account Manager.

# Payment Form Configuration

HTML form used for subscription signups.

```
<form method="post" action="https://billing.GTBill.com/signup.aspx">
<!--Required-->
<input type="hidden" name="MerchantID" value="" />
<input type="hidden" name="SiteID" value="" />
<input type="hidden" name="PriceID" value="" />
<input type="hidden" name="CurrencyID" value="USD" />
<!--Optional-->
<input type="hidden" name="Firstname" value="Jane" />
<input type="hidden" name="Lastname" value="Doe" />
<input type="hidden" name="Address1" value="123 Fake St." />
<input type="hidden" name="Address2" value="#3980" />
<input type="hidden" name="City" value="Houston" />
<input type="hidden" name="State" value="Texas" />
<input type="hidden" name="Country" value="US" />
<input type="hidden" name="PostalCode" value="43878" />
<input type="hidden" name="Email" value="" />
<input type="hidden" name="username" value="" />
<input type="hidden" name="password" value="" />
<input type="hidden" name="MerchantReference" value="" />
<input type="hidden" name="PriceListSiteID" value="" />

<input type="submit" value="Subscribe" />
</form>
```

## **Reference – HTML Form**

Field	Description	Type	Required/ Optional
MerchantID	Merchant reference ID supplied by GTBill	Guid	Required
SiteID	A site reference ID supplied by GTBill for each of your websites.	Guid	Required
CurrencyID	A three char code for the currency to be used. Ex. USD, CAD....	String(3)	Required
PriceID	Subscription plan PriceID. Can be sent in as a comma delimited string, Ex. 1,2,3	String	Required
FirstName	Customer first name	String(50)	Optional
LastName	Customer last name	String(50)	Optional
Address1	Customer Address 1	String(50)	Optional

Address2	Customer Address 2	String(50)	Optional
City	Customer City	String(20)	Optional
State	Customer State	String(20)	Optional
Country	Customer country ISO 3166 Country Code	String(2)	Optional
PostalCode	Customer Postal Code	String(10)	Optional
Email	Customer Email	String(50)	Optional
PhoneNumber	Customer PhoneNumber	String(16)	Optional
UserName	Username that will be used for logging on to the subscription site. Length depends on the preset minimum and maximum values set in the merchant site form settings user interface.	String	Optional
Password	Password that will be used when logging on to the subscription site. Length depends on the preset minimum and maximum values set in the merchant site settings user interface.	String	Optional
CrossSellSiteID	The site ID for the cross sell site	Guid	Optional
CrossSellPriceID	The price ID for the cross sell Site.	Int	Optional
MerchantReference	Any value that you want to use to identify the transaction. Ex. Invoice Number	String(50)	Optional
PriceListSiteID	The SiteID for the site that contains the PriceID. Needed only if the PriceID list is under a different site.	Guid	Optional
ApprovalURL	Setting this value overrides approval redirect URL	String	Optional
DenialURL	Setting this value overrides the denial redirect URL	String	Optional
ExistingMemberURL	The URL is used to invoke a script on the merchant's server that returns 0 if the member does not exist or 1 if the member does exist.	String	Optional



## **Member Management**

Under the 'Configure Site' section specify the URL of the member management script.

This URL is used to add, remove and change passwords for your members.

### **Configuring the Member Script**

How members are managed varies depending on how the membership site is configured to allow access to the subscription site.

Popular methods include using PHP utilizing the .htaccess file and Classic ASP using AuthentiX for security. GTBill can provide scripts for both PHP and ASP.

Whether the site utilizes the .htaccess file, ASP with Authentix, other third party solution or a custom database management solution, the Member Management URL must be configured to accept the fields as outlined in the Postback Field Descriptions to follow. Responses must also follow a simple set of rules.

<Status of the Request>:<Message>

Status of the Request

0 = Failure

1 = Successful

Example:

A new member has completed the subscription payment requirements successfully. The details will be posted to the 'Member Management URL' set up by the merchant.

If the member is successfully added to the site the response must be as follows:

- 1:User added successfully

### **Security**

To verify that a postback comes from a GTBill system you can compare the postback referer IP address to the list of addresses in the followin url

[https://billing.GTBill.com/ip\\_list.txt](https://billing.GTBill.com/ip_list.txt)

## Member Postback Field Descriptions

### *Add Member Postback Fields*

<b>Field</b>	<b>Description</b>	<b>Type</b>
Action	Action=Add This indicates that a new member has successfully signed up	String
Username	The member username	String
Password	The member password	String
Email	The member email address	String
Firstname	Member first name	String
Lastname	Member last name	String
MemberID	GtBill Member Identifier	String
TransactionID	GtBill Transaction Identifier (Subscription ID)	String
GroupID	Subscription Group Identifier	String
PricelD	Subscription Plan Identifier	String
MerchantReference	Merchant Reference	String

### *Cancel Member Postback Fields*

<b>Field</b>	<b>Description</b>	<b>Type</b>
Action	Action=Cancel This indicates that an existing member has canceled membership	String
Username	The member username	String
Email	The member email address	String
Firstname	Member first name	String
Lastname	Member last name	String
MemberID	GtBill Member Identifier	String

### *Password Change Postback Fields*

<b>Field</b>	<b>Description</b>	<b>Type</b>
Action	Action=Password This indicates that an existing member is changing the password	String
Username	The member username	String
Email	The member email address	String

MemberID	GtBill Member Identifier	String
Password	New Password	String

### ***Deactivate Member Postback Fields***

<b>Field</b>	<b>Description</b>	<b>Type</b>
Action	Action=Deactivate This indicates that an existing member has been deactivated. A member is deactivated when rebilling has failed.	String
Username	The member username	String
Email	The member email address	String
Firstname	Member first name	String
Lastname	Member last name	
MemberID	GtBill Member Identifier	String

## **Canceling Membership**

Option 1:

Place a link on your site that points to <http://www.gtbill.com/>

Option 2:

Cancel remotely using a form post.

```
<form action="https://billing.gtbill.com/service/cancelmembership.aspx"
method="post" name="FormName">
<input type="hidden" name="MerchantID" value=""/>
<input type="hidden" name="SiteID" value=""/>
<input type="text" name="Username" value=""/>
<input type="submit" name="submitbutton" value="Cancel Membership" />
</form>
```

The GTBill response:

<Status of the Request>:<Message>

Status of the Request

0 = Failure

1 = Successful

## Reseting Password

```
<form action="https://billing.gtbill.com/service/resetpassword.aspx"
method="post" name="FormName">
<input type="hidden" name="MerchantID" value="" />
<input type="hidden" name="SiteID" value="">
<input type="hidden" name="Username" value="" />
<input type="hidden" name="NewPassword" value="" />
<input type="submit" name="submitbutton" value="Reset Password" />
</form>
```

The GTBill response:

<Status of the Request>:<Message>

Status of the Request

0 = Failure

1 = Successful