Green.Money™

eDebit API
Version 2.6

(HTTP POST, SOAP 1.1, SOAP 1.2)

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eDebit v2.6 API Docs - © 2008-2025 Green.Money™

Introduction

Green.Money™'s (https://green.money) API v2.6 contains all the methods necessary for entering drafts, billpays, and invoices into our system as well as getting information about those entries after acceptance.

The eDebit API allows for complete and customized integration of your application into our real-time debit entry system. The API is a .NET web service written in VB managed code and exposes all of the custom classes you will need for calling its methods and interpreting responses. The service resides on our gateway behind 2048-bit encryption via SSL.

Service Protocols Supported

The eDebit API supports SOAP 1.1 and 1.2 as well as HTTP POST/GET. The choice is left up to your application development team as to which of these methods to use. However, please note that some method parameters require binary data. In those cases, only the SOAP protocol is capable of handling those requests.

SOAP vs. POST/GET

Originally, SOAP was the acronym for Simple Object Access Protocol. However, recently it has also been known to stand for Service Oriented Architecture Protocol. Either way, SOAP is a protocol for exchanging XML-based messages over computer networks, normally using HTTP or HTTPS. SOAP forms the foundation layer of the Web Services stack, providing a basic messaging framework in which more abstract layers can be built upon. SOAP messages transferred over HTTPS works well with firewalls and is the advocated WS-I method to provide web service security.

All Output responses in this document are listed as if the methods were being called using the HTTP GET/POST protocol in XML format. If you use the SOAP protocol instead and are receiving data in XML format the root node of the XML document may be named differently but the data contained therein will be the same.

Message Encryption and Authentication

The SSL protocol allows applications to communicate across a network in a way designed to prevent eavesdropping, tampering, and message forgery. SSL provides endpoint authentication and communications privacy over the Internet using cryptography. Typically, only the server is authenticated (i.e., its identity is ensured) while the client remains unauthenticated; this means that the end user (be that a person, or an application such as a web browser), can be sure with whom they are "talking".

When any method is called, the client must send its Client ID and the appropriate API Service Password along with all of the other input parameters specific to the method. This authorizes use of the method by validating that the password matches a currently active Client ID.

Gateway Endpoint Address

The live web service is hosted at the following web address:
https://www.greenbyphone.com/eCheck.asmx

Terms

We will use several terms throughout this document that may or may not be familiar to you. In this section, we will list several of these terms and explain them as they relate to our system.

Batch Verification

When debits are entered in batch verification mode (BV), the initial call is completed and returned before eVerification has completed. Any debits entered are queued up to be verified on a regular basis determined by our system. You can determine the status of debits entered in Batch mode by using the `CheckStatus` method. The advantage to BV mode is the call returns faster (in fractions of a second) since you don't have to wait for the system to verify the debit.

When a call to the API in BV mode is made, the eDebit system:
1. Authenticates the request using your API credentials
2. Verifies the data format of each parameter
3. Stores the request data
4. Returns results (**without** verification information)
5. Completes verification in the background

Real Time Verification

Debits entered in Real Time Verification mode (RTV), the debit is entered into the system and the verification process is immediately called. The result from the API is only returned once eVerification has been completed. Calls made in RTV mode can take slightly more time -- typically adds at least 1 second -- , but the advantage to RTV mode is that once the API has returned, you know whether the debit received a passing or failing response from eVerification.

When a call to the API is made in RTV mode, the eDebit system:
1. Authenticates the request using your API credentials
2. Verifies the data format of each parameter
3. Stores the request data

4. Runs eVerification on the routing and account number
5. Returns results (**including** verification results)

Response Code

Most calls to the API using RTV mode or gathering the `CheckStatus` will include a field for `ResponseCode`. This field gives you information about what eVerify determined was the issue with your debit. In most cases, an accompanying `ResponseDescription` field is returned by the API as well, but if you need more data you can find details about all available response codes by logging into your Green portal and going to:
https://greenbyphone.com/Secure/Client/Verification_Codes.aspx

Draft

A draft is just a technical term for a debit. We are "drafting" the money from one account into another.

Available Methods

We support several different web methods that will allow you to enter debits, invoices, and billpays based on your needs. There are two methods for inserting one-time drafts, and two for inserting recurring drafts. Additionally, there are two methods to checking verification results that were completed in batch mode and overriding verification results. There are also two web methods to allow you to send Invoices and to get updated information about these invoices.

Please note: Method names are case sensitive when called.

Draft Methods	Utility Methods

`OneTimeDraftBV`
`OneTimeDraftRTV`
`OneTimeDraftWithSignatureImage`
`OneTimeDraftWithSignatureImageString`
`RecurringDraftBV`
`RecurringDraftRTV`
`RecurringDraftWithSignatureImage`
`RecurringDraftWithSignatureImageString`
	`UploadSignatureImage`
	`UploadSignatureImageString`
	`CheckNoPhoneVerification`
	`CheckNote`
	`CancelCheck`
	`CheckStatus`
	`VerificationResult`
	`VerificationOverride`
	`RefundCheck`
	`RefundCheckExpedited`
	`RecurringCheckSeries`
	`RecurringCheckSeriesDetailed`
	`ProcessInfo`

Invoice Methods	

`OneTimeInvoice`
`RecurringInvoice`
`CombinationInvoice`
`InvoiceStatus`
`CancelInvoice`
`ResendInvoiceNotification`
	Payor Methods

Billpay Methods	

`BillPayCheck`
`BillPayCheckNoBankInfo`
`RecurringBillPayCheck`
`RecurringBillPayCheckNoBankInfo`
	`CreateCustomer`
	`EditCustomer`
	`DeleteCustomer`
	`CustomerOneTimeDraftRTV`
	`CustomerOneTimeDraftBV`
	`CustomerRecurringDraftRTV`
	`CustomerRecurringDraftBV`
	`CustomerOneTimeInvoice`
	`CustomerRecurringInvoice`
	`CustomerOneTimeBillpay`
	`CustomerRecurringBillpay`
	`GetCustomerInformation`
	`GetCustomers`
	`EditCustomerWithUserName`
	`CreateCustomerWithLogin`
	`EditCustomerLogin`
	`CustomerAuth`

Testing Methods

You are able to test any of the available web methods online whenever you like. Simply go to the eCheck.asmx page and select a method. A description will be displayed with a test input form (see below). This is a live testing page! Simply enter the data that your system will attempt to enter and you will get live results back.

Please note: We would like to stress that this page is live. By entering debits with your given `Client_ID` and `ApiPassword`, you are adding live debits into your account. Those debits should be manually deleted through your Green Portal or they will be processed at the next batch time and you will be charged for them.

eCheck

Click here for a complete list of operations.

BillPayCheckNoBankInfo

Test

To test the operation using the HTTP POST protocol, click the 'Invoke' button.

Parameter	Value
Client_ID:	
ApiPassword:	
Name:	
Address1:	
Address2:	
City:	
State:	
Zip:	
Country:	
CheckMemo:	
CheckAmount:	
CheckDate:	
x_delim_data:	
x_delim_char:	

Invoke

Common Input Fields

All web methods share 4 common input fields. Two of them are for authentication -- the `Client_ID` and `ApiPassword` fields -- and the other two are for defining output specification -- `x_delim_data` and `x_delim_char`.

Authentication Input Fields

```
<Client_ID>string</Client_ID>
<ApiPassword>string</ApiPassword>
```

Field Name	Data Type	Description
Client_ID	string	Numeric Client ID assigned to your account by the system.
ApiPassword	string	an alphanumeric string assigned to your account by the system.

Note: These credentials are auto-generated and are completely separate from the username and password combination you use for the web interface. These credentials, when created, will be emailed directly to the email account we have on file for your account. If you do not have these yet, contact Customer Support to have them created for you.

Output Specification Fields

```
<x_delim_data>string</x_delim_data>
<x_delim_char>string</x_delim_char>
```

Field Name	Data Type	Description	Accepted Values
x_delim_data	string	Determines whether or not output is delivered as delimited text data.	FALSE *(default)* - "" TRUE - "true", "T", "yes", "Y", "1", "on"
x_delim_char	string	If delimited data is requested, this field allows the user to specify the character used to delimit data	"|" (default) "," "~"

Since we are using XML Web Services, all output defaults to XML. However, many legacy systems still use older character delimited text protocols. Setting x_delim_data to *TRUE*, forces the system output to delimited text.

Examples:

Input Request	Output

x_delim_data=&x_delim_char=	`<ReturnResult>`
	`        <value1>1</value1>`
	`        <value2>$2.00</value2>`
	`        <value3>3.0%</value3>`
	`</ReturnResult>`

x_delim_data=TRUE&x_delim_char=	1|$2.00|3.0%
x_delim_data=y&x_delim_char=,	1,$2.00,3.0%

OneTimeDraftBV - One-Time Draft with Batch Verification

Enter a single one-time only draft debit with batch account verification. OneTimeDraftBV shares the same inputs and outputs as OneTimeDraftRTV.

Input

```
<OneTimeDraftBV>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <EmailAddress>string</EmailAddress>
        <Phone>string</Phone>
        <PhoneExtension>string</PhoneExtension>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</OneTimeDraftBV>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
EmailAddress		string	Email address used for customer notification process. This is not required, but if it is not provided, notification will be made via USPS mail at additional cost to you. Contact Customer Service for more details	"j.smith@test.com"
Phone	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneExtension		string	Extension number if applicable	
Address1	Yes	string	Street number and street name	"123 Test Road"
Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"

City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<DraftResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</DraftResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	Returns a code of '1' indicating that the verification will be completed in Batch Mode. See the Verify Results Code Table.
VerifyResultDescription	string	Will return "No Verification requested, will be done in batch mode"
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

OneTimeDraftRTV - One-Time Draft with Real-Time Verification

Enter a single one-time only draft debit with real-time account verification. OneTimeDraftRTV shares the same inputs and outputs as OneTimeDraftRTV.

Input

```
<OneTimeDraftRTV>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <EmailAddress>string</EmailAddress>
        <Phone>string</Phone>
        <PhoneExtension>string</PhoneExtension>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</OneTimeDraftRTV>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
EmailAddress		string	Email address used for customer notification process. This is not required, but if it is not provided, notification will be made via USPS mail at additional cost to you. Contact Customer Service for more details	"j.smith@test.com"
Phone	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneExtension		string	Extension number if applicable	
Address1	Yes	string	Street number and street name	"123 Test Road"
Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"

City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

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Output

```
<DraftResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</DraftResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	A numeric result code from the verification process. A VerifyResult code of '0' means that the debit will be processed without further action required. See the Verify Results Code Table.
VerifyResultDescription	string	A text description of the VerifyResult field
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

OneTimeDraftWithSignatureImage - One-Time Draft with Signature Image

Enter a single one-time only draft debit with real-time verification. This method shares the same inputs as OneTimeDraftRTV with an additional parameter to allow the image data to be passed. This method should only be called via the SOAP 1.1 or SOAP 1.2 protocols.

Input

```
<OneTimeDraftWithSignatureImage>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <EmailAddress>string</EmailAddress>
        <Phone>string</Phone>
        <PhoneExtension>string</PhoneExtension>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <ImageData>base64Binary</ImageData>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</OneTimeDraftWithSignatureImage>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
EmailAddress		string	Email address used for customer notification process. This is not required, but if it is not provided, notification will be made via USPS mail at additional cost to you. Contact Customer Service for more details	"j.smith@test.com"
Phone	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneExtension		string	Extension number if applicable	

Address1	Yes	string	Street number and street name	"123 Test Road"
Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
ImageData	Yes	base64binary	The jpeg data for a document with the customer's signature encoded and passed in the base64Binary format	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

NOTE: This method has a parameter which requires binary data that cannot be passed by HTTP POST/GET. If you wish to use this method, you must use the SOAP protocol version 1.1 or 1.2

Output

```
<DraftResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</DraftResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	Returns a code of '1' indicating that the verification will be completed in Batch Mode. See the Verify Results Code Table.
VerifyResultDescription	string	Will return "No Verification requested, will be done in batch mode"
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

OneTimeDraftWithSignatureImageString - One-Time Draft with Signature Image in Base64 String format

Enter a single one-time only draft debit with real-time verification. This method shares the same inputs as OneTimeDraftWithSignatureImage but the ImageData must be a Base64 String

Input

```
<OneTimeDraftWithSignatureImageString>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <EmailAddress>string</EmailAddress>
        <Phone>string</Phone>
        <PhoneExtension>string</PhoneExtension>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <ImageData>string</ImageData>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</OneTimeDraftWithSignatureImageString>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
EmailAddress		string	Email address used for customer notification process. This is not required, but if it is not provided, notification will be made via USPS mail at additional cost to you. Contact Customer Service for more details	"j.smith@test.com"
Phone	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneExtension		string	Extension number if applicable	
Address1	Yes	string	Street number and street name	"123 Test Road"

Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
ImageData	Yes	string	The jpeg data for a document with the customer's signature encoded and passed in the Base64 String format	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<DraftResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</DraftResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	Returns a code of '1' indicating that the verification will be completed in Batch Mode. See the Verify Results Code Table.
VerifyResultDescription	string	Will return "No Verification requested, will be done in batch mode"
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

RecurringDraftBV - Recurring Draft with Batch Verification

Enter a single recurring draft debit with batch account verification. RecurringDraftBV shares the same inputs and outputs as RecurringDraftRTV.

Input

```
<RecurringDraftBV>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <EmailAddress>string</EmailAddress>
        <Phone>string</Phone>
        <PhoneExtension>string</PhoneExtension>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</RecurringDraftBV>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
EmailAddress		string	Email address used for customer notification process. This is not required, but if it is not provided, notification will be made via USPS mail at additional cost to you. Contact Customer Service for more details	"j.smith@test.com"
Phone	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneExtension		string	Extension number if applicable	
Address1	Yes	string	Street number and street name	"123 Test Road"

Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<DraftResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</DraftResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	Returns a code of '1' indicating that the verification will be completed in Batch Mode. See the Verify Results Code Table.
VerifyResultDescription	string	Will return "No Verification requested, will be done in batch mode"
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

RecurringDraftRTV - Recurring Draft with Real-Time Verification

Enter a single recurring draft debit with real-time account verification. RecurringDraftRTV shares the same inputs and outputs as RecurringDraftBV.

Input

```
<RecurringDraftRTV>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <EmailAddress>string</EmailAddress>
        <Phone>string</Phone>
        <PhoneExtension>string</PhoneExtension>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</RecurringDraftRTV>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
EmailAddress		string	Email address used for customer notification process. This is not required, but if it is not provided, notification will be made via USPS mail at additional cost to you. Contact Customer Service for more details	"j.smith@test.com"
Phone	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneExtension		string	Extension number if applicable	
Address1	Yes	string	Street number and street name	"123 Test Road"

Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<DraftResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</DraftResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	A numeric result code from the verification process. A VerifyResult code of '0' means that the debit will be processed without further action required. See the Verify Results Code Table.
VerifyResultDescription	string	A text description of the VerifyResult field
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

RecurringDraftWithSignatureImage - Recurring Draft with Signature Image

Enter a single recurring draft debit with real-time account verification. RecurringDraftWithSignatureImage shares the same inputs and outputs as RecurringDraftRTV with an additional parameter to specify the image data to be passed. This method must be called using the SOAP 1.1 or SOAP 1.2 methods.

Input

```
<RecurringDraftWithSignatureImage>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <EmailAddress>string</EmailAddress>
        <Phone>string</Phone>
        <PhoneExtension>string</PhoneExtension>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <ImageData>base64Binary</ImageData>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</RecurringDraftWithSignatureImage>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
EmailAddress		string	Email address used for customer notification process. This is not required, but if it is not provided, notification will be made via USPS mail at additional cost to you. Contact Customer Service for more details	"j.smith@test.com"
Phone	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"

PhoneExtension		string	Extension number if applicable	
Address1	Yes	string	Street number and street name	"123 Test Road"
Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
ImageData	Yes	base64binary	The jpeg data for a document with the customer's signature encoded and passed in the base64Binary format	
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

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NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

NOTE: This method has a parameter which requires binary data that cannot be passed by HTTP POST/GET. If you wish to use this method, you must use the SOAP protocol version 1.1 or 1.2

Output

```
<DraftResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</DraftResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	A numeric result code from the verification process. A VerifyResult code of '0' means that the debit will be processed without further action required. See the Verify Results Code Table.
VerifyResultDescription	string	A text description of the VerifyResult field
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

RecurringDraftWithSignatureImageString - Recurring Draft with Signature Image in Base64 String format

Enter a single recurring draft debit with real-time account verification. RecurringDraftWithSignatureImageString shares the same inputs and outputs as RecurringDraftWithSignatureImage but the image data must be passed in a Base64 String format.

Input

```
<RecurringDraftWithSignatureImageString>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <EmailAddress>string</EmailAddress>
        <Phone>string</Phone>
        <PhoneExtension>string</PhoneExtension>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <ImageData>string</ImageData>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</RecurringDraftWithSignatureImageString>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
EmailAddress		string	Email address used for customer notification process. This is not required, but if it is not provided, notification will be made via USPS mail at additional cost to you. Contact Customer Service for more details	"j.smith@test.com"
Phone	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"

PhoneExtension		string	Extension number if applicable	
Address1	Yes	string	Street number and street name	"123 Test Road"
Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
ImageData	Yes	string	The jpeg data for a document with the customer's signature encoded and passed in the Base64 String format	
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<DraftResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</DraftResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	A numeric result code from the verification process. A VerifyResult code of '0' means that the debit will be processed without further action required. See the Verify Results Code Table.
VerifyResultDescription	string	A text description of the VerifyResult field
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

RecurringCheckSeries - Return Debit ID's for all Children Spawned by a Parent Debit

This method can be used to obtain a list of Check_ID's that have been spawned from an originating debit in a recurring series. Combining this method with others will allow you to efficiently manage recurring debits and their children.

Input

```
<RecurringCheckSeries>
  <Client_ID>string</Client_ID>
  <ApiPassword>string</ApiPassword>
  <RecurringParentCheck_ID>string</RecurringParentCheck_ID>
</RecurringCheckSeries>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
RecurringParentCheck_ID	Yes	string	The Check_ID of the originating debit	"10001"

NOTE: This method does not allow specifying delimited data. It will always return an XML document containing an array of Debit IDs.

Output

```
<RecurringCheckSeriesResult>
  <Result>string</Result>
  <ResultDescription>string</ResultDescription>
  <Checks>
    <string>string</string>
    <string>string</string>
    ...
  </Checks>
</RecurringCheckSeriesResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the series was found and is accessible in the system. All other codes indicate that the data was NOT found or was inaccessible.
ResultDescription	string	A text description of the Result field from above.
Checks	array	An array of strings, each string being the Check_ID of a child debit spawned by the specified originating debit. These are listed in order from earliest to latest

RecurringCheckSeriesDetailed - Returns Full, Detailed Information About all Debits in a Recurring Series

This method takes the same inputs as RecurringCheckSeries but this version will automatically run and return the CheckStatus method on each returned Check_ID. This results in less function calls to our API but can also take much longer. We recommend only using this method when setting up a new system and recommend combining RecurringCheckSeries with manually calling CheckStatus once your system has been set up.

Input

```
<RecurringCheckSeriesDetailed>
  <Client_ID>string</Client_ID>
  <ApiPassword>string</ApiPassword>
  <RecurringParentCheck_ID>string</RecurringParentCheck_ID>
</RecurringCheckSeriesDetailed>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
RecurringParentCheck_ID	Yes	string	The Check_ID of the originating debit	"10001"

NOTE: This method does not allow specifying delimited data. It will always return an XML document containing an array of objects.

Output

```
<RecurringCheckSeriesDetailedResult>
  <Result>string</Result>
  <ResultDescription>string</ResultDescription>
  <Checks>
    <CheckStatusResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <VerifyOverriden>string</VerifyOverriden>
        <Deleted>string</Deleted>
        <DeletedDate>string</DeletedDate>
        <Processed>string</Processed>
        <ProcessedDate>string</ProcessedDate>
        <Rejected>string</Rejected>
        <RejectedDate>string</RejectedDate>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
    </CheckStatusResult>
    ...
  </Checks>
</RecurringCheckSeriesDetailedResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the series was found and is accessible in the system. All other codes indicate that the data was NOT found or was inaccessible.
ResultDescription	string	A text description of the Result field from above.
Checks	array	An array of CheckStatusResult objects the exact same as returned by the CheckStatus method

ProcessInfo - Return detailed information on a Debit

This method takes in a Check_ID and will return detailed information about its type and recurring status

Input

```
<ProcessInfo>
  <Client_ID>string</Client_ID>
  <ApiPassword>string</ApiPassword>
  <Process_ID>string</Process_ID>
  <x_delim_data>string</x_delim_data>
  <x_delim_char>string</x_delim_char>
</ProcessInfo>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Process_ID	Yes	string	The Check_ID of the debit	"10001"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```xml
<ProcessInfoResult>
  <Result>string</Result>
  <ResultDescription>string</ResultDescription>
  <ProcessType>string</ProcessType>
  <Process_ID>string</Process_ID>
  <NameFirst>string</NameFirst>
  <NameLast>string</NameLast>
  <CompanyName>string</CompanyName>
  <EmailAddress>string</EmailAddress>
  <Phone>string</Phone>
  <PhoneExtension>string</PhoneExtension>
  <Address1>string</Address1>
  <Address2>string</Address2>
  <City>string</City>
  <State>string</State>
  <Zip>string</Zip>
  <Country>string</Country>
  <CheckMemo>string</CheckMemo>
  <CheckAmount>string</CheckAmount>
  <CheckDate>string</CheckDate>
  <CheckNumber>string</CheckNumber>
  <RecurringType>string</RecurringType>
  <RecurringOffset>string</RecurringOffset>
  <RecurringPayments>string</RecurringPayments>
</ProcessInfoResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was found and is accessible in the system. All other codes indicate that the data was NOT found or was inaccessible.
ResultDescription	string	A text description of the Result field from above.
ProcessType	string	The CheckType_ID of the debit
Process_ID	string	The Check_ID of the debit
NameFirst	string	First name on checking account
NameLast	string	Last name on checking account
CompanyName	string	Name of payor's company
EmailAddress	string	Email address used for customer notification process
Phone	string	10-digit phone number in the format 999-999-9999
PhoneExtension	string	Extension number if applicable
Address1	string	Street number and street name

Address2	string	Additional address information if applicable (Suite/Apartment number, floor number, etc).
City	string	City name
State	string	Two character state abbreviation
Zip	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999
Country	string	Two character country code
CheckMemo	string	Memo on debit
CheckAmount	string	Amount of debit
CheckDate	string	Date on debit
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
RecurringType	string	See Recurring Parameter Explanation and Examples
RecurringOffset	string	See Recurring Parameter Explanation and Examples
RecurringPayments	string	See Recurring Parameter Explanation and Examples

UploadSignatureImage - Upload Signature Data for a Debit

Upload signature image data for a previously entered debit.

Input

```
<UploadSignatureImage>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <ImageData>base64Binary</ImageData>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</UploadSignatureImage>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
ImageData	Yes	base64binary	The jpeg data for a document with the customer's signature encoded and passed in the base64Binary format	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: This method has a parameter which requires binary data that cannot be passed by HTTP POST/GET. If you wish to use this method, you must use the SOAP protocol version 1.1 or 1.2

Output

```
<APIResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
</APIResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the image was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.

UploadSignatureImageString - Upload Signature Data for a Debit

Upload signature image data in Base 64 String format for a previously entered debit.

Input

```
<UploadSignatureImageString>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <ImageData>string</ImageData>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</UploadSignatureImageString>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
ImageData	Yes	string	The jpeg data for a document with the customer's signature encoded and passed in the Base64 String format	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<APIResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
</APIResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the image was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.

VerificationResult

Retrieve the verification results for a debit that was previously input.

Input

```
<VerificationResult>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</VerificationResult>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<DraftResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</DraftResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was found and is accessible in the system. All other codes indicate that the data was NOT found or was inaccessible.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	A numeric result code from the verification process. A VerifyResult code of '0' means that the debit will be processed without further action required. See the Verify Results Code Table.
VerifyResultDescription	string	A text description of the VerifyResult field
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CheckStatus

Retrieves various system status values for a debit that was previously input

Input

```
<CheckStatus>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CheckStatus>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CheckStatusResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <VerifyOverriden>string</VerifyOverriden>
        <Deleted>string</Deleted>
        <DeletedDate>string</DeletedDate>
        <Processed>string</Processed>
        <ProcessedDate>string</ProcessedDate>
        <Rejected>string</Rejected>
        <RejectedDate>string</RejectedDate>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</CheckStatusResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was found and is accessible in the system. All other codes indicate that the data was NOT found or was inaccessible.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	A numeric result code from the verification process. A VerifyResult code of '0' means that the debit will be processed without further action required. See the Verify Results Code Table.
VerifyResultDescription	string	A text description of the VerifyResult field
VerifyOverriden	string	True if verification code has been Client overridden
Deleted	string	True if the debit was deleted
DeletedDate	string	The date the debit was deleted in the form "mm/dd/yyyy"
Processed	string	True if the debit has been processed
ProcessedDate	string	The date the debit was processed in the form "mm/dd/yyyy"
Rejected	string	True if the debit was rejected
RejectedDate	string	The date the debit was rejected in the form "mm/dd/yyyy"
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CheckNote

Allows you to add a custom note to a debit that was previously entered. These notes can be seen through your Green Portal

Input

```
<CheckNote>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <Note>string</Note>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CheckNote>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
Note	Yes	string	Max 2000 characters. The note to be added to the system.	"Customer called to verify processing happened"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CheckNoteResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
</CheckNoteResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the note was accepted and added to the debit. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.

CancelCheck

Cancel a previously entered debit. This method can only cancel debits that have NOT been processed.

NOTE: For recurring debits, this method cancels the entire series of payments.

Input

```
<CancelCheck>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CancelCheck>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CancelCheckResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
</CancelCheckResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was found and deleted. All other codes indicate that the debit could not be found or could not be deleted.
ResultDescription	string	A text description of the Result field from above.

RefundCheck

Create a refund debit for a previously entered and processed debit. This method can only refund debits that HAVE been processed and have NOT been archived.

Input

```
<RefundCheck>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <RefundMemo>string</RefundMemo>
        <RefundAmount>string</RefundAmount>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</RefundCheck>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
RefundMemo	Yes	string	The reason to appear in the memo field of the refund debit	"Incorrect charge"
RefundAmount	Yes	string	The amount to refund from the debit in the form 99.99. Do NOT include monetary symbols.	10.26
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

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Output

```
<RefundCheckResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <RefundCheckNumber>string</RefundCheckNumber>
        <RefundCheck_ID>string</RefundCheck_ID>
</RefundCheckResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was found and refunded. All other codes indicate that the debit could not be found or could not be refunded.
ResultDescription	string	A text description of the Result field from above.
RefundCheckNumber	string	The system assigned debit number of the newly created refund debit
RefundCheck_ID	string	The uniquely identifiable record number for the newly created refund debit.

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RefundCheckExpedited - Refund a debit overnight

Create a refund debit for a previously entered and processed debit and process the refund debit at the next available batch and shipped by Next Day service. There will be a $20.00 fee to process this refund overnight. This method can only refund debits that HAVE been processed and have NOT been archived.

Input

```
<RefundCheckExpedited>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <RefundMemo>string</RefundMemo>
        <RefundAmount>string</RefundAmount>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</RefundCheckExpedited>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
RefundMemo	Yes	string	The reason to appear in the memo field of the refund debit	"Incorrect charge"
RefundAmount	Yes	string	The amount to refund from the debit in the form 99.99. Do NOT include monetary symbols.	10.26
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<RefundCheckResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <RefundCheckNumber>string</RefundCheckNumber>
        <RefundCheck_ID>string</RefundCheck_ID>
</RefundCheckResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was found and refunded. All other codes indicate that the debit could not be found or could not be refunded.
ResultDescription	string	A text description of the Result field from above.
RefundCheckNumber	string	The system assigned debit number of the newly created refund debit
RefundCheck_ID	string	The uniquely identifiable record number for the newly created refund debit.

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VerificationOverride

Allows you to request that the system process a debit that has been eVerified and deemed risky from a previous verification call.

Input

```
<VerificationOverride>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</VerificationOverride>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```xml
<VerificationOverrideResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</VerificationOverrideResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was found and overridden. All other codes indicate that the debit could not be found or could not be overridden.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	A numeric result code from the verification process. A VerifyResult code of '0' means that the debit will be processed without further action required. See the Verify Results Code Table.
VerifyResultDescription	string	A text description of the VerifyResult field
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CheckNoPhoneVerification

Allows you to request that the system flag a debit so that no phone verification is done.

Input

```
<CheckNoPhoneVerification>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Check_ID>string</Check_ID>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CheckNoPhoneVerification>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Check_ID	Yes	string	Uniquely identifiable record number for the debit in the Green System	"1234567"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CheckNoPhoneVerificationResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
</CheckNoPhoneVerificationResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was found and flagged. All other codes indicate that the debit could not be found or could not be flagged.
ResultDescription	string	A text description of the Result field from above.

OneTimeInvoice - Enter Invoice for One-Time Payment

Enter a single invoice that sends the customer an invoice via email that they can use to pay you through Green Payments. OneTimeInvoice shares similar inputs and the same outputs as RecurringInvoice.

Input

```
<OneTimeInvoice>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <CustomerName>string</CustomerName>
        <EmailAddress>string</EmailAddress>
        <ItemName>string</ItemName>
        <ItemDescription>string</ItemDescription>
        <Amount>string</Amount>
        <PaymentDate>string</PaymentDate>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</OneTimeInvoice>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
CustomerName	Yes	string	Full name on checking account	"John Smith"
EmailAddress	Yes	string	Customer's email address. Used for notification process. If not provided, your customer will be notified by USPS mail at additional cost. Contact Customer Support for more details.	"john.smith@test.com"
ItemName	Yes	string	Item name of invoice. Limit 100 characters.	"Widget"
ItemDescription	Yes	string	A description of the item. Limit 500 characters	"A fancy gadget"
Amount	Yes	string	The amount of the invoice in the format 99.99. Do NOT include Monetary symbols like '$'	"10.25"
PaymentDate	Yes	string	The date of the payment in the format "mm/dd/yyyy"	"01/15/2017"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

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Output

```
<OneTimeInvoiceResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <PaymentResult>string</PaymentResult>
        <PaymentResultDescription>string</PaymentResultDescription>
        <Invoice_ID>string</Invoice_ID>
        <Check_ID>string</Check_ID>
</OneTimeInvoiceResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the invoice was accepted and stored. All other codes indicate that the data was NOT stored.
ResultDescription	string	A text description of the Result field from above.
PaymentResult	string	A numeric result code from the payment process. Since the invoice is just being created, this will always return a value of 3. See the Invoice Payment Results Codes table for more details.
PaymentResultDescription	string	A text description of the VerifyResult field. Since the invoice is just being created, this will always return "No payment entered" when called.
Invoice_ID	string	Uniquely identifiable record number for this invoice in the Green System.
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

RecurringInvoice - Enter Invoice for Recurring Draft Payment

Enter a single invoice that sends the customer an invoice via email for a recurring draft. RecurringInvoice shares similar inputs and the same outputs as OneTimeInvoice.

Input

```
<RecurringInvoice>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <CustomerName>string</CustomerName>
        <EmailAddress>string</EmailAddress>
        <ItemName>string</ItemName>
        <ItemDescription>string</ItemDescription>
        <Amount>string</Amount>
        <PaymentDate>string</PaymentDate>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</RecurringInvoice>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
PayorName	Yes	string	Full name on checking account	"John Smith"
EmailAddress	Yes	string	Customer's email address. Used for notification process. If not provided, your customer will be notified by USPS mail at additional cost. Contact Customer Support for more details.	"john.smith@test.com"
ItemName	Yes	string	Item name of invoice. Limit 100 characters.	"Widget"
ItemDescription	Yes	string	A description of the item. Limit 500 characters	"A fancy gadget"
Amount	Yes	string	The amount of the invoice in the format 99.99. Do NOT include Monetary symbols like '$'	"10.25"
PaymentDate	Yes	string	The date of the payment in the format "mm/dd/yyyy"	"01/15/2017"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"

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RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<RecurringInvoiceResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <PaymentResult>string</PaymentResult>
        <PaymentResultDescription>string</PaymentResultDescription>
        <Invoice_ID>string</Invoice_ID>
        <Check_ID>string</Check_ID>
</RecurringInvoiceResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the invoice was accepted and stored. All other codes indicate that the data was NOT stored.
ResultDescription	string	A text description of the Result field from above.
PaymentResult	string	A numeric result code from the payment process. Since the invoice is just being created, this will always return a value of 3. See the Invoice Payment Results Codes table for more details.
PaymentResultDescription	string	A text description of the VerifyResult field. Since the invoice is just being created, this will always return "No payment entered" when called.
Invoice_ID	string	Uniquely identifiable record number for this invoice in the Green System.
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CombinationInvoice - Enter Invoice for Down Payment + Recurring Draft Payments

Enter a single invoice that sends the customer an invoice via email for a down payment and a recurring draft. CombinationInvoice shares similar inputs and the same outputs as RecurringInvoice.

Input

```xml
<CombinationInvoice>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <CustomerName>string</CustomerName>
        <EmailAddress>string</EmailAddress>
        <ItemName>string</ItemName>
        <ItemDescription>string</ItemDescription>
        <InitialAmount>string</InitialAmount>
        <InitialPaymentDate>string</InitialPaymentDate>
        <RecurringAmount>string</RecurringAmount>
        <RecurringPaymentDate>string</RecurringPaymentDate>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CombinationInvoice>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See [Authentication Input Fields](#)	
ApiPassword	Yes	string	See [Authentication Input Fields](#)	
PayorName	Yes	string	Full name on checking account	"John Smith"
EmailAddress	Yes	string	Customer's email address. Used for notification process. If not provided, your customer will be notified by USPS mail at additional cost. Contact [Customer Support](#) for more details.	"john.smith@test.com"
ItemName	Yes	string	Item name of invoice. Limit 100 characters.	"Widget"
ItemDescription	Yes	string	A description of the item. Limit 500 characters	"A fancy gadget"
InitialAmount	Yes	string	The amount of the down payment in the format 99.99. Do NOT include Monetary symbols like '$'	"10.25"
InitialPaymentDate	Yes	string	The date of the initial payment in the format "mm/dd/yyyy"	"01/15/2017"

RecurringAmount	Yes	string	Recurring amount in the form 99.99. Do NOT include monetary symbols like "$"	"10.23"
RecurringPaymentDate	Yes	string	The initial payment date for the start of the recurring series in the form "mm/dd/yyyy". Must be AFTER the InitialPaymentDate	"01/16/2017"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CombinationInvoiceResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <PaymentResult>string</PaymentResult>
        <PaymentResultDescription>string</PaymentResultDescription>
        <Invoice_ID>string</Invoice_ID>
        <Check_ID>string</Check_ID>
</CombinationInvoiceResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the invoice was accepted and stored. All other codes indicate that the data was NOT stored.
ResultDescription	string	A text description of the Result field from above.
PaymentResult	string	A numeric result code from the payment process. Since the invoice is just being created, this will always return a value of 3. See the Invoice Payment Results Codes table for more details.
PaymentResultDescription	string	A text description of the VerifyResult field. Since the invoice is just being created, this will always return "No payment entered" when called.
Invoice_ID	string	Uniquely identifiable record number for this invoice in the Green System.
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

InvoiceStatus

Allows you to retrieve the payment status of a previously entered invoice. InvoiceStatus shares the same outputs as RecurringInvoice and OneTimeInvoice.

Input

```
<InvoiceStatus>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Invoice_ID>string</Invoice_ID>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</InvoiceStatus>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Invoice_ID	Yes	string	The uniquely identifiable record number of the invoice in Green as returned from a method like OneTimeInvoice or RecurringInvoice.	"1234567"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<InvoiceStatusResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <PaymentResult>string</PaymentResult>
        <PaymentResultDescription>string</PaymentResultDescription>
        <Invoice_ID>string</Invoice_ID>
        <Check_ID>string</Check_ID>
</InvoiceStatusResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the invoice was found and is accessible in the system. All other codes indicate that the data was NOT found or was inaccessible.
ResultDescription	string	A text description of the Result field from above.
PaymentResult	string	A numeric result code from the payment process. See the Invoice Payment Results Codes table for more details.
PaymentResultDescription	string	A text description of the VerifyResult field.
Invoice_ID	string	Uniquely identifiable record number for this invoice in the Green System.
Check_ID	string	Uniquely identifiable record number for the debit used to pay this invoice in the Green System if available

CancelInvoice

Allows the cancelation of an invoice if not already processed.

Input

```
<CancelInvoice>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Invoice_ID>string</Invoice_ID>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CancelInvoice>
```

Field Name	Required	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Invoice_ID	Yes	string	Uniquely identifiable record number for this invoice in the Green System.	"1234567"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CancelInvoiceResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
</CancelInvoiceResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the data was accepted and the invoice was canceled. All other codes indicate that the invoice was NOT canceled.
ResultDescription	string	A text description of the Result field from above.

ResendInvoiceNotification

Resend the email asking for routing number, account number, and the invoice to be signed.

Input

```
<ResendInvoiceNotification>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Invoice_ID>string</Invoice_ID>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</ResendInvoiceNotification>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Invoice_ID	Yes	string	Uniquely identifiable record number for this invoice in the Green System.	"1234567"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<ResendInvoiceNotificationResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
</ResendInvoiceNotificationResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the data was accepted and the invoice notification was sent. All other codes indicate that the invoice notification was NOT sent.
ResultDescription	string	A text description of the Result field from above.

BillPayCheck - With Full Bank Information

Allows you to enter a single billpay debit that will be withdrawn for your merchant's default bank account on file to another merchant, customer, or company's bank account. Most banks offer this feature already, however, if you would like to integrate this into your system to handle rebates or incentives this is the feature you need.

Input

```
<BillPayCheck>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</BillPayCheck>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
Address1	Yes	string	Street number and street name	"123 Test Road"
Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"

Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's (the recipient of the Billpay) information only. Entering debits with your own merchant information will result in errors.

Output

```
<BillPayCheckResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</BillPayCheckResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the billpay was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

BillPayCheckNoBankInfo - Without Bank Information

Allows you to enter a single billpay debit that will be withdrawn for your merchant's default bank account on file to another merchant, customer, or company's bank account. Most banks offer this feature already, however, if you would like to integrate this into your system to handle rebates or incentives this is the feature you need.

This differs from the previous method in that it doesn't require the recipient's bank information. Using this method, we cannot deposit these debits directly so the customer is sent the billpay directly. These debits are sent via multiple carriers.

Input

```
<BillPayCheckNoBankInfo>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</BillPayCheckNoBankInfo>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
Address1	Yes	string	Street number and street name	"123 Test Road"
Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"

CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's (the recipient of the Billpay) information only. Entering debits with your own merchant information will result in errors.

Output

```
<BillPayCheckResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</BillPayCheckResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the billpay was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

RecurringBillPayCheck - With Full Bank Information

Allows you to enter a recurring billpay debit that will be withdrawn for your merchant's default bank account on file to another merchant, customer, or company's bank account. Most banks offer this feature already, however, if you would like to integrate this into your system to handle rebates or incentives this is the feature you need.

This differs from the previous method in that it doesn't require the recipient's bank information. Using this method, we cannot deposit these debits directly and so the customer is sent the billpay directly. These debits are sent via multiple carriers.

Input

```
<RecurringBillPayCheck>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <BankName>string</BankName>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</RecurringBillPayCheck>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
Address1	Yes	string	Street number and street name	"123 Test Road"
Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"

Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's (the recipient of the Billpay) information only. Entering debits with your own merchant information will result in errors.

Output

```
<RecurringBillPayCheckResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</RecurringBillPayCheckResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the billpay was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

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RecurringBillPayCheckNoBankInfo - Without Bank Information

Allows you to enter a recurring billpay debit that will be withdrawn for your merchant's default bank account on file to another merchant, customer, or company's bank account. Most banks offer this feature already, however, if you would like to integrate this into your system to handle rebates or incentives this is the feature you need.

Input

```
<RecurringBillPayCheckNoBankInfo>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Name>string</Name>
        <Address1>string</Address1>
        <Address2>string</Address2>
        <City>string</City>
        <State>string</State>
        <Zip>string</Zip>
        <Country>string</Country>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <CheckNumber>string</CheckNumber>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</RecurringBillPayCheckNoBankInfo>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Name	Yes	string	Full name on the checking account	"John Smith"
Address1	Yes	string	Street number and street name	"123 Test Road"
Address2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
City	Yes	string	City name	
State	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
Zip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
Country		string	Two character country code	"US"
CheckMemo		string	The memo to appear on the debit	

CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
CheckNumber		string	Optional debit number for your or your customer's identification. Must be numeric only. If not provided, it will be system defined.	"" or "10001"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's (the recipient of the Billpay) information only. Entering debits with your own merchant information will result in errors.

Output

```
<RecurringBillPayCheckNoBankInfoResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</RecurringBillPayCheckNoBankInfoResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the billpay was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CreateCustomer

Creates a payor in the Green system that holds all personally identifiable information along with routing number and account number.

Input

```
<CreateCustomer>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <NickName>string</NickName>
        <NameFirst>string</NameFirst>
        <NameLast>string</NameLast>
        <PhoneWork>string</PhoneWork>
        <PhoneWorkExtension>string</PhoneWorkExtension>
        <EmailAddress>string</EmailAddress>
        <MerchantAccountNumber>string</MerchantAccountNumber>
        <BankAccountCompanyName>string</BankAccountCompanyName>
        <BankAccountAddress1>string</BankAccountAddress1>
        <BankAccountAddress2>string</BankAccountAddress2>
        <BankAccountCity>string</BankAccountCity>
        <BankAccountState>string</BankAccountState>
        <BankAccountZip>string</BankAccountZip>
        <BankAccountCountry>string</BankAccountCountry>
        <BankName>string</BankName>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <Note>string</Note>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CreateCustomer>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
NickName	Yes	string	Nickname for the payor	"Johnny"
NameFirst	Yes	string	First name on checking account	"John"
NameLast	Yes	string	Last name on checking account	"Smith"
PhoneWork	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneWorkExtension		string	Extension number if applicable	
EmailAddress	Yes	string	Email address used for customer notification process	"j.smith@test.com"
MerchantAccountNumber		string	Personal identifier for the account number	
BankAccountCompanyName	Yes	string		

BankAccountAddress1	Yes	string	Street number and street name	"123 Test Road"
BankAccountAddress2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
BankAccountCity	Yes	string	City name	
BankAccountState	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
BankAccountZip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
BankAccountCountry	Yes	string	Two character country code	"US"
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
Note		string	Note about the payor	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CreateCustomerResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <Payor_ID>string</Payor_ID>
</CreateCustomerResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the data was accepted and the payor was created. All other codes indicate that the payor was NOT created.
ResultDescription	string	A text description of the Result field from above.
Payor_ID	string	Uniquely identifiable record number for this payor in the Green System.

EditCustomer

Edit a payor in the system that holds all personally identifiable information along with routing number and account number.

Input

```
<EditCustomer>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <NickName>string</NickName>
        <NameFirst>string</NameFirst>
        <NameLast>string</NameLast>
        <PhoneWork>string</PhoneWork>
        <PhoneWorkExtension>string</PhoneWorkExtension>
        <EmailAddress>string</EmailAddress>
        <MerchantAccountNumber>string</MerchantAccountNumber>
        <BankAccountCompanyName>string</BankAccountCompanyName>
        <BankAccountAddress1>string</BankAccountAddress1>
        <BankAccountAddress2>string</BankAccountAddress2>
        <BankAccountCity>string</BankAccountCity>
        <BankAccountState>string</BankAccountState>
        <BankAccountZip>string</BankAccountZip>
        <BankAccountCountry>string</BankAccountCountry>
        <BankName>string</BankName>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <Note>string</Note>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</EditCustomer>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	"10426"
NickName	Yes	string	Nickname for the payor	"Johnny"
NameFirst	Yes	string	First name on checking account	"John"
NameLast	Yes	string	Last name on checking account	"Smith"
PhoneWork	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneWorkExtension		string	Extension number if applicable	
EmailAddress	Yes	string	Email address used for customer notification process	"j.smith@test.com"

MerchantAccountNumber		string	Personal identifier for the account number	
BankAccountCompanyName	Yes	string		
BankAccountAddress1	Yes	string	Street number and street name	"123 Test Road"
BankAccountAddress2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
BankAccountCity	Yes	string	City name	
BankAccountState	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
BankAccountZip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
BankAccountCountry	Yes	string	Two character country code	"US"
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
Note		string	Note about the payor	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<EditCustomerResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <Payor_ID>string</Payor_ID>
</EditCustomerResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the data was accepted and the payor was edited. All other codes indicate that the payor was NOT edited.
ResultDescription	string	A text description of the Result field from above.
Payor_ID	string	Uniquely identifiable record number for this payor in the Green System.

DeleteCustomer

Deletes a payor from the system and optionally deletes that payor's pending debits in the system.

Input

```
<DeleteCustomer>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <DeletePendingChecks>string</DeletePendingChecks>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</DeleteCustomer>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID		string	Uniquely identifiable record number for this payor in the Green System.	"10426"
DeletePendingChecks	Yes	string	Should be a boolean-like value which specifies whether or not to delete any pending, unprocessed debits. For possible values, see Output Specification Fields	"T"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<DeleteCustomerResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
</DeleteCustomerResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the data was accepted and the payor was deleted. All other codes indicate that the payor was NOT deleted.
ResultDescription	string	A text description of the Result field from above.

CustomerOneTimeDraftBV

Enter a single one-time only draft debit with <u>batch account verification.</u>
CustomerOneTimeDraftBV shares the same inputs and outputs as CustomerOneTimeDraftRTV.

Input

```
<CustomerOneTimeDraftBV>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CustomerOneTimeDraftBV>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See <u>Authentication Input Fields</u>	
ApiPassword	Yes	string	See <u>Authentication Input Fields</u>	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	"1234567"
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
x_delim_data		string	See <u>Output Specification Fields</u>	
x_delim_char		string	See <u>Output Specification Fields</u>	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<CustomerOneTimeDraftBVResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</CustomerOneTimeDraftBVResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	Returns a code of '1' indicating that the verification will be completed in Batch Mode. See the Verify Results Code Table.
VerifyResultDescription	string	Will return "No Verification requested, will be done in batch mode"
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CustomerOneTimeDraftRTV

Enter a single one-time only draft debit with real time verification. CustomerOneTimeDraftRTV shares the same inputs and outputs as CustomerOneTimeDraftBV.

Input

```
<CustomerOneTimeDraftRTV>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CustomerOneTimeDraftRTV>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<CustomerOneTimeDraftRTVResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</CustomerOneTimeDraftRTVResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	Returns a code of '1' indicating that the verification will be completed in Batch Mode. See the Verify Results Code Table.
VerifyResultDescription	string	Will return "No Verification requested, will be done in batch mode"
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CustomerRecurringDraftBV

Enter a single recurring draft debit with batch account verification. CustomerRecurringDraftBV shares the same inputs and outputs as CustomerRecurringDraftRTV.

Input

```
<CustomerRecurringDraftBV>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CustomerRecurringDraftBV>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<CustomerRecurringDraftBVResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</CustomerRecurringDraftBVResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	Returns a code of '1' indicating that the verification will be completed in Batch Mode. See the Verify Results Code Table.
VerifyResultDescription	string	Will return "No Verification requested, will be done in batch mode"
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CustomerRecurringDraftRTV

Enter a single recurring draft debit with batch account verification. CustomerRecurringDraftRTV shares the same inputs and outputs as CustomerRecurringDraftBV.

Input

```
<CustomerRecurringDraftRTV>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CustomerRecurringDraftRTV>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	Dollar amount in the form 99.99. Do NOT include monetary symbols like "$"	62.35
CheckDate	Yes	string	The date the debit is to be considered drafted in the format mm/dd/yyyy. Can be up to 2 months prior or 1 year in the future	"01/15/2017"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

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NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<CustomerRecurringDraftRTVResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <VerifyResult>string</VerifyResult>
        <VerifyResultDescription>string</VerifyResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</CustomerRecurringDraftRTVResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the debit was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
VerifyResult	string	Returns a code of '1' indicating that the verification will be completed in Batch Mode. See the Verify Results Code Table.
VerifyResultDescription	string	Will return "No Verification requested, will be done in batch mode"
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CustomerOneTimeInvoice

Enter a single invoice that sends the customer an invoice via email that they can use to pay you through Green Payments. CustomerOneTimeInvoice shares similar inputs and the same outputs as CustomerRecurringInvoice.

Input

```
<CustomerOneTimeInvoice>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <ItemName>string</ItemName>
        <ItemDescription>string</ItemDescription>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CustomerOneTimeInvoice>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	The amount of the invoice in the format 99.99. Do NOT include Monetary symbols like '$'	"10.25"
CheckDate	Yes	string	The date of the payment in the format "mm/dd/yyyy"	"01/15/2017"
ItemName	Yes	string	Item name of invoice. Limit 100 characters.	"Widget"
ItemDescription	Yes	string	A description of the item. Limit 500 characters	"A fancy gadget"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CustomerOneTimeInvoiceResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <PaymentResult>string</PaymentResult>
        <PaymentResultDescription>string</PaymentResultDescription>
        <Invoice_ID>string</Invoice_ID>
        <Check_ID>string</Check_ID>
</CustomerOneTimeInvoiceResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the invoice was accepted and stored. All other codes indicate that the data was NOT stored.
ResultDescription	string	A text description of the Result field from above.
PaymentResult	string	A numeric result code from the payment process. Since the invoice is just being created, this will always return a value of 3. See the Invoice Payment Results Codes table for more details.
PaymentResultDescription	string	A text description of the VerifyResult field. Since the invoice is just being created, this will always return "No payment entered" when called.
Invoice_ID	string	Uniquely identifiable record number for this invoice in the Green System.
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CustomerRecurringInvoice

Enter a single invoice that sends the customer an invoice via email for a recurring draft. CustomerRecurringInvoice shares similar inputs and the same outputs as CustomerOneTimeInvoice.

Input

```
<CustomerRecurringInvoice>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <ItemName>string</ItemName>
        <ItemDescription>string</ItemDescription>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CustomerRecurringInvoice>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	The amount of the invoice in the format 99.99. Do NOT include Monetary symbols like '$'	"10.25"
CheckDate	Yes	string	The date of the payment in the format "mm/dd/yyyy"	"01/15/2017"
ItemName	Yes	string	Item name of invoice. Limit 100 characters.	"Widget"
ItemDescription	Yes	string	A description of the item. Limit 500 characters	"A fancy gadget"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"

RecurringPayments	Yes	string	See [Recurring Parameter Explanation](#) and [Examples](#)	"-1"
x_delim_data		string	See [Output Specification Fields](#)	
x_delim_char		string	See [Output Specification Fields](#)	

Output

```
<CustomerRecurringInvoiceResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <PaymentResult>string</PaymentResult>
        <PaymentResultDescription>string</PaymentResultDescription>
        <Invoice_ID>string</Invoice_ID>
        <Check_ID>string</Check_ID>
</CustomerRecurringInvoiceResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the invoice was accepted and stored. All other codes indicate that the data was NOT stored.
ResultDescription	string	A text description of the Result field from above.
PaymentResult	string	A numeric result code from the payment process. Since the invoice is just being created, this will always return a value of 3. See the [Invoice Payment Results Codes](#) table for more details.
PaymentResultDescription	string	A text description of the VerifyResult field. Since the invoice is just being created, this will always return "No payment entered" when called.
Invoice_ID	string	Uniquely identifiable record number for this invoice in the Green System.
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CustomerOneTimeBillpay

Allows you to enter a single billpay debit that will be withdrawn for your merchant's default bank account on file to another merchant, customer, or company's bank account. Most banks offer this feature already, however, if you would like to integrate this into your system to handle rebates or incentives this is the feature you need.

Input

```
<CustomerOneTimeBillpay>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CustomerOneTimeBillpay>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	The amount of the invoice in the format 99.99. Do NOT include Monetary symbols like '$'	"10.25"
CheckDate	Yes	string	The date of the payment in the format "mm/dd/yyyy"	"01/15/2017"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<CustomerOneTimeBillpayResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</CustomerOneTimeBillpayResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the billpay was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

CustomerRecurringBillpay

Allows you to enter a recurring billpay debit that will be withdrawn for your merchant's default bank account on file to another merchant, customer, or company's bank account. Most banks offer this feature already, however, if you would like to integrate this into your system to handle rebates or incentives this is the feature you need.

Input

```
<CustomerRecurringBillpay>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <CheckMemo>string</CheckMemo>
        <CheckAmount>string</CheckAmount>
        <CheckDate>string</CheckDate>
        <RecurringType>string</RecurringType>
        <RecurringOffset>string</RecurringOffset>
        <RecurringPayments>string</RecurringPayments>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CustomerRecurringBillpay>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	
CheckMemo		string	The memo to appear on the debit	
CheckAmount	Yes	string	The amount of the invoice in the format 99.99. Do NOT include Monetary symbols like '$'	"10.25"
CheckDate	Yes	string	The date of the payment in the format "mm/dd/yyyy"	"01/15/2017"
RecurringType	Yes	string	See Recurring Parameter Explanation and Examples	"M"
RecurringOffset	Yes	string	See Recurring Parameter Explanation and Examples	"1"
RecurringPayments	Yes	string	See Recurring Parameter Explanation and Examples	"-1"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

NOTE: All personal fields above (email address, name, address, etc.) are to be filled out with your customer's information only. Entering debits with your own merchant information will result in errors.

Output

```
<CustomerRecurringBillpayResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <CheckNumber>string</CheckNumber>
        <Check_ID>string</Check_ID>
</CustomerRecurringBillpayResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the billpay was accepted into the system. All other codes indicate that the data was NOT stored in the system.
ResultDescription	string	A text description of the Result field from above.
CheckNumber	string	CheckNumber assigned to the debit by system or by API call
Check_ID	string	Uniquely identifiable record number for the debit in the Green System.

GetCustomerInformation

Retrieve full customer information on a single payor using the unique payor id.

Input

```
<GetCustomerInformation>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</GetCustomerInformation>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```xml
<GetCustomerInformationResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <Payor_ID>string</Payor_ID>
        <Client_ID>string</Client_ID>
        <NickName>string</NickName>
        <PhoneWork>string</PhoneWork>
        <PhoneWorkExtension>string</PhoneWorkExtension>
        <EmailAddress>string</EmailAddress>
        <MerchantAccountNumber>string</MerchantAccountNumber>
        <NameFirst>string</NameFirst>
        <NameLast>string</NameLast>
        <BankAccountCompanyName>string</BankAccountCompanyName>
        <BankAccountAddress1>string</BankAccountAddress1>
        <BankAccountAddress2>string</BankAccountAddress2>
        <BankAccountCity>string</BankAccountCity>
        <BankAccountState>string</BankAccountState>
        <BankAccountZip>string</BankAccountZip>
        <BankAccountCountry>string</BankAccountCountry>
        <DefaultMemo>string</DefaultMemo>
        <BankName>string</BankName>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
</GetCustomerInformationResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the Customer was found in the system. All other codes indicate that the Customer was NOT found in the system.
ResultDescription	string	A text description of the Result field from above.
Payor_ID	string	Uniquely identifiable record number for this payor in the Green System.
Client_ID	string	See Authentication Input Fields
NickName	string	Nickname for the payor
PhoneWork	string	10-digit phone number in the format 999-999-9999
PhoneWorkExtension	string	Extension number if applicable
EmailAddress	string	Email address used for customer notification process
MerchantAccountNumber	string	Personal identifier for the account number
NameFirst	string	First name on checking account
NameLast	string	Last name on checking account
BankAccountCompanyName	string	Name of payor's company

BankAccountAddress1	string	Street number and street name
BankAccountAddress2	string	Additional address information if applicable (Suite/Apartment number, floor number, etc).
BankAccountCity	string	City name
BankAccountState	string	Two character state abbreviation
BankAccountZip	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999
BankAccountCountry	string	Two character country code
DefaultMemo	string	Default memo for payor
BankName	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)
RoutingNumber	string	9-digit routing number
AccountNumber	string	Bank account number

GetCustomers

Return a full list of payors with payor id and personally identifiable information that are under some client.

Input

```
<GetCustomers>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</GetCustomers>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<GetCustomersResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <Customers>
                <Customer>
                        <Customer_ID>long</Customer_ID>
                        <Client_ID>long</Client_ID>
                        <NickName>string</NickName>
                        <PhoneWork>string</PhoneWork>
                        <PhoneWorkExtension>string</PhoneWorkExtension>
                        <EmailAddress>string</EmailAddress>
                        <MerchantAccountNumber>string</MerchantAccountNumber>
                        <NameFirst>string</NameFirst>
                        <NameLast>string</NameLast>
                        <BankAccountCompanyName>string</BankAccountCompanyName>
                        <BankAccountAddress1>string</BankAccountAddress1>
                        <BankAccountAddress2>string</BankAccountAddress2>
                        <BankAccountCity>string</BankAccountCity>
                        <BankAccountState>string</BankAccountState>
                        <BankAccountZip>string</BankAccountZip>
                        <BankAccountCountry>string</BankAccountCountry>
                        <DefaultMemo>string</DefaultMemo>
                        <BankName>string</BankName>
                        <Note>string</Note>
                        <userUpdated>long</userUpdated>
                        <timeUpdated>dateTime</timeUpdated>
                        <timeCreated>dateTime</timeCreated>
                        <deleted>boolean</deleted>
                        <RoutingNumberSafe>string</RoutingNumberSafe>
                        <AccountNumberSafe>string</AccountNumberSafe>
                </Customer>
                ...
        </Customers>
</GetCustomersResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that there were Customers found in the system. All other codes indicate that there were NO Customers found in the system or they were inaccessible.
ResultDescription	string	A text description of the Result field from above.
Customers	CustomerCollection	A collection of all payors and all information about those payors under some client with Client_ID
Customer	Collection	The payor entity with all information
Customer_ID	long	Uniquely identifiable record number for this payor in the Green System. This is the same as Payor_ID
Client_ID	long	See Authentication Input Fields
NickName	string	Nickname for the payor
PhoneWork	string	10-digit phone number in the format 999-999-9999

PhoneWorkExtension	string	Extension number if applicable
EmailAddress	string	Email address used for customer notification process
MerchantAccountNumber	string	Personal identifier for the account number
NameFirst	string	First name on checking account
NameLast	string	Last name on checking account
BankAccountCompanyName	string	Name of payor's company
BankAccountAddress1	string	Street number and street name
BankAccountAddress2	string	Additional address information if applicable (Suite/Apartment number, floor number, etc).
BankAccountCity	string	City name
BankAccountState	string	Two character state abbreviation
BankAccountZip	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999
BankAccountCountry	string	Two character country code
DefaultMemo	string	Default memo for payor
BankName	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)
Note	string	Note about payor
userUpdated	long	
timeUpdated	date	The date when the payor was last updated
timeCreated	date	The date the payor was created
deleted	string	Boolean value to determine if this payor has been marked for deletion
RoutingNumberSafe	string	9-digit routing number
AccountNumberSafe	string	Bank account number

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EditCustomerWithUserName

Like EditCustomer but also allows editing of the UserName at the same time. This is a separate endpoint to avoid interrupting integrations which may already be using the EditCustomer endpoint as the UserName is a new field for the Customer records.

Input

```
<EditCustomerWithUserName>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <NickName>string</NickName>
        <NameFirst>string</NameFirst>
        <NameLast>string</NameLast>
        <PhoneWork>string</PhoneWork>
        <PhoneWorkExtension>string</PhoneWorkExtension>
        <EmailAddress>string</EmailAddress>
        <MerchantAccountNumber>string</MerchantAccountNumber>
        <BankAccountCompanyName>string</BankAccountCompanyName>
        <BankAccountAddress1>string</BankAccountAddress1>
        <BankAccountAddress2>string</BankAccountAddress2>
        <BankAccountCity>string</BankAccountCity>
        <BankAccountState>string</BankAccountState>
        <BankAccountZip>string</BankAccountZip>
        <BankAccountCountry>string</BankAccountCountry>
        <BankName>string</BankName>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <Note>string</Note>
        <UserName>string</UserName>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</EditCustomerWithUserName>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	"10426"
NickName	Yes	string	Nickname for the payor	"Johnny"
NameFirst	Yes	string	First name on checking account	"John"
NameLast	Yes	string	Last name on checking account	"Smith"
PhoneWork	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneWorkExtension		string	Extension number if applicable	

EmailAddress	Yes	string	Email address used for customer notification process	"j.smith@test.com"
MerchantAccountNumber		string	Personal identifier for the account number	
BankAccountCompanyName	Yes	string		
BankAccountAddress1	Yes	string	Street number and street name	"123 Test Road"
BankAccountAddress2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
BankAccountCity	Yes	string	City name	
BankAccountState	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
BankAccountZip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
BankAccountCountry	Yes	string	Two character country code	"US"
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
Note		string	Note about the payor	
UserName		string	The intended UserName	"ExampleUsername"
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<EditCustomerWithUserNameResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <Payor_ID>string</Payor_ID>
</EditCustomerWithUserNameResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the data was accepted and the payor was edited. All other codes indicate that the payor was NOT edited.
ResultDescription	string	A text description of the Result field from above.
Payor_ID	string	Uniquely identifiable record number for this payor in the Green System.

CreateCustomerWithLogin

Like CreateCustomer but also allows setting the UserName and Password for this Customer to be used alongside the CustomerAuth endpoint.

Input

```
<CreateCustomerWithLogin>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <NickName>string</NickName>
        <NameFirst>string</NameFirst>
        <NameLast>string</NameLast>
        <PhoneWork>string</PhoneWork>
        <PhoneWorkExtension>string</PhoneWorkExtension>
        <EmailAddress>string</EmailAddress>
        <MerchantAccountNumber>string</MerchantAccountNumber>
        <BankAccountCompanyName>string</BankAccountCompanyName>
        <BankAccountAddress1>string</BankAccountAddress1>
        <BankAccountAddress2>string</BankAccountAddress2>
        <BankAccountCity>string</BankAccountCity>
        <BankAccountState>string</BankAccountState>
        <BankAccountZip>string</BankAccountZip>
        <BankAccountCountry>string</BankAccountCountry>
        <BankName>string</BankName>
        <RoutingNumber>string</RoutingNumber>
        <AccountNumber>string</AccountNumber>
        <Note>string</Note>
        <UserName>string</UserName>
        <Password>string</Password>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CreateCustomerWithLogin>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See [Authentication Input Fields](#)	
ApiPassword	Yes	string	See [Authentication Input Fields](#)	
NickName	Yes	string	Nickname for the payor	"Johnny"
NameFirst	Yes	string	First name on checking account	"John"
NameLast	Yes	string	Last name on checking account	"Smith"
PhoneWork	Yes	string	10-digit phone number in the format 999-999-9999	"123-123-1231"
PhoneWorkExtension		string	Extension number if applicable	
EmailAddress	Yes	string	Email address used for customer notification process	"j.smith@test.com"
MerchantAccountNumber		string	Personal identifier for the account number	

BankAccountCompanyName	Yes	string		
BankAccountAddress1	Yes	string	Street number and street name	"123 Test Road"
BankAccountAddress2		string	Additional address information if applicable (Suite/Apartment number, floor number, etc).	"Apt. 310"
BankAccountCity	Yes	string	City name	
BankAccountState	Yes	string	Two character state abbreviation	"GA", "CA", "ME"
BankAccountZip	Yes	string	5-digit or 9-digit zip code in the format 99999 or 99999-9999	"90001"
BankAccountCountry	Yes	string	Two character country code	"US"
BankName	Yes	string	The name of the bank the checking account is with (ex. Wachovia, BB&T, etc.)	"Test Bank"
RoutingNumber	Yes	string	9-digit routing number	000000000
AccountNumber	Yes	string	Bank account number	10000001
Note		string	Note about the payor	
UserName		string	The intended UserName	"ExampleUsername"
Password		string	The Customer's password for the CustomerAuth endpoint	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CreateCustomerWithLoginResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <Payor_ID>string</Payor_ID>
</CreateCustomerWithLoginResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the data was accepted and the payor was created. All other codes indicate that the payor was NOT created.
ResultDescription	string	A text description of the Result field from above.
Payor_ID	string	Uniquely identifiable record number for this payor in the Green System.

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EditCustomerLogin

Allows initial setting or later on updating of a Customer record's saved Password. If the Customer record already has a Password saved, the old password must be provided in order to save the new password. If the old password is unavailable and cannot be recovered by the end user, a new Customer record would be needed for this user as we will not be manually making changes to any Customer passwords.

Input

```
<EditCustomerLogin>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <Payor_ID>string</Payor_ID>
        <OldPassword>string</OldPassword>
        <NewPassword>string</NewPassword>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</EditCustomerLogin>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
Payor_ID	Yes	string	Uniquely identifiable record number for this payor in the Green System.	
OldPassword		string	The Customer's old password if there is one already saved	
NewPassword	Yes	string	The Customer's new password for the CustomerAuth endpoint	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<EditCustomerLoginResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <Payor_ID>string</Payor_ID>
</EditCustomerLoginResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the data was accepted and the payor was created. All other codes indicate that the payor was NOT created.
ResultDescription	string	A text description of the Result field from above.
Payor_ID	string	Uniquely identifiable record number for this payor in the Green System.

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CustomerAuth

Authenticate the UserName and Password for a Customer belonging to your Client. If the authentication is successful, you will receive the matched Customer record's Payor_ID in the response. Any other response will indicate a failed authentication of the UserName and Password for this Customer.

Input

```
<CustomerAuth>
        <Client_ID>string</Client_ID>
        <ApiPassword>string</ApiPassword>
        <UserName>string</UserName>
        <Password>string</Password>
        <x_delim_data>string</x_delim_data>
        <x_delim_char>string</x_delim_char>
</CustomerAuth>
```

Field Name	Required?	Data Type	Description	Example Values
Client_ID	Yes	string	See Authentication Input Fields	
ApiPassword	Yes	string	See Authentication Input Fields	
UserName	Yes	string	The Customer record's UserName which we are authenticating	"ExampleUsername"
Password	Yes	string	The Customer record's Password which we are authenticating	
x_delim_data		string	See Output Specification Fields	
x_delim_char		string	See Output Specification Fields	

Output

```
<CustomerAuthResult>
        <Result>string</Result>
        <ResultDescription>string</ResultDescription>
        <Payor_ID>string</Payor_ID>
</CustomerAuthResult>
```

Field Name	Data Type	Description
Result	string	The numeric result code. A value of '0' means that the data was accepted and the payor was created. All other codes indicate that the payor was NOT created.

| ResultDescription | string | A text description of the Result field from above. |
| Payor_ID | string | Uniquely identifiable record number for this payor in the Green System. |

Recurring Parameter Explanation

Any API method which inputs a recurring payment, invoice, or billpay uses three distinct fields to determine when the item itself recurs.

Field Name	Description	Accepted Values
RecurringType	The period on which the item will recur.	"M" - monthly recurring "W" - weekly recurring "D" - daily recurring
RecurringOffset	The number of periods between recurring items	Numeric value. Ex. "2", "20", "1"
RecurringPayments	The number of items total to be processed over time.	"-1" - recur until payments stopped by your or your customer. **OR** Numeric value between 2-99.

Examples

RecurringType	RecurringOffset	RecurringPayments	Result
M	1	5	One payment every month for 5 months
M	4	-1	One payment every 4 months indefinitely
W	2	15	One payment every 2 weeks for 15 payments

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Verify Results Codes

This table matches the values contained in the "VerifyResult" field of any API result which supplies it to explain what the numeric code means.

VerifyResult Code	VerifyResultDescription
0	Success - **message may vary.**
1	No verification requested, will be done in batch mode.
2	Risky Account - will not be processed without client override - **message may vary**
3	Bad Account - cannot be processed at all - **message may vary**
4	Verification System Offline: Will verify when system becomes available

Invoice Payment Results Codes

This table matches the values contained in the "PaymentResult" field of the Invoice API results to explain what the numeric code means.

PaymentResult Code	PaymentResultDescription
0	Debit Processed
1	Debit entered, but not yet processed.
2	Debit was deleted.
3	No payment yet entered for invoice.

Common Error Results

This section will contain many of the most common errors received from our API, what they potentially mean, and a few first steps you can take to try and resolve that problem. If any of the solutions presented here do not match your problem, feel free to reach out to Customer Support for more in depth help!

The requested URL was rejected. Please consult with your administrator. Your support ID is: XXXXXXXXXXXX

This is the most general, catchall of the errors returned by our API. In most cases this is caused because your integration is not sending all fields with the request to a method. Remember that even though a field is optional, it MUST be sent with the request, even if it is a blank or empty string.

Client_ID Not Found

This message simply means that the Client_ID you're passing to the API method could not be found in our system. Please verify a few things:
1. Your account is Active with Green. You've completed the underwriting process and Green Technical Support has sent you the system generated API credentials. If your account is inactive, you will be unable to make API calls.
2. Your Client_ID and ApiCredentials match those sent to the account on file by the system when the API was set up for you.
3. You're pointed to the correct endpoint. Note that we do have two different available APIs (one for the live system and another for our Sandbox system). These two endpoints require completely separate API credentials so if you're attempting to use the Client_ID and ApiPassword given to you by the Sandbox system but your integration is pointed to the live endpoint, you will get the Client_ID Not Found error.

Password Supplied Not Correct

As the error message states, the ApiPassword sent does not match what the system generated for the given Client_ID. Please verify again that the ApiPassword matches what was sent to the email account on file when the system generated credentials for this account.

If you have verified that they match and you are still receiving this error, simply send Customer Support a request email and they can easily reset and resend your API credentials. In this email, please either send the request from the email address we have on file with the account or make note of what merchant account you are the developer for. That will help speed the process up!

_____ Does Not Belong To Client

This happens when an API call attempts to access an item that does not belong to the Client_ID passed to the API. If you're using one of the status or update methods (CheckStatus, InvoiceStatus, CheckNote, etc.), please verify that the Item_ID field you're passing matches the unique record identifier in Green. Note that the Item_ID field is not equivalent to the Item_Number field. Ex. Check_ID is not equal to Check_Number.

_____ Not Found

This happens because the given request could not find the Item_ID passed. Please verify that you're entering the correct Check_ID, Invoice_ID, etc. Note as above that the Item_ID field is not equivalent to the Item_Number field. Ex. Check_ID is not equal to Check_Number.