

EEE Web Service

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EEEWebService Usage

The uri for the web service is the path to the host (e.g. <http://localhost/eeewebservice>) and

- With EEE web service user authorisation **ENABLED** – eeewebserviceauth.asmx
- With EEE web service user authorisation **DISABLED** – eeewebservice.asmx

All methods listed below are for the eeewebserviceauth.asmx. The eeewebservice.asmx uses the same methods however it does not implement the websiteUserCode and websitePassword parameters on any methods. The eeewebservice.asmx also only supports interface version 1.

Common Methods

EEEVersion

Method	EEEVersion			
Intended Usage	Version of EEE connected to			
Parameters	Name	Type	Max Len	Description
	websiteUserCode	string	20	Usercode (see user permissions)
	websitePassword	string	20	Password (see user permissions)
Returns	String			
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <EEEVersion xmlns="http://www.magentaretail.com.au/"> <websiteUserCode>TEST</websiteUserCode> <webSitePassword>MWSTEST</webSitePassword> </EEEVersion> </soap:Body> </soap:Envelope></pre>			
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <EEEVersionResponse xmlns="http://www.magentaretail.com.au/"> <EEEVersionResult>1.64</EEEVersionResult> </EEEVersionResponse> </soap:Body> </soap:Envelope></pre>			

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GetBranchList

Method	GetBranchList			
Intended Usage	Gets a list of branches (stores) from EEE that are not flagged as Offline.			
Parameters	Name	Type	Max Len	Description
	includeOfflineStores	boolean		True to include offline stores in the output
	websiteUserCode	string	20	Usercode (see user permissions)
	websitePassword	string	20	Password (see user permissions)
Returns	Xml that conforms to GetBranchList.xsd which is in the form of a .NET data table			
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <GetBranchList xmlns="http://www.magentaretail.com.au/"> <includeOfflineStores>false</includeOfflineStores> <websiteUserCode>TEST</websiteUserCode> <webSitePassword>MWSTEST</webSitePassword> </GetBranchList> </soap:Body> </soap:Envelope></pre>			
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <GetBranchListResponse xmlns="http://www.magentaretail.com.au/"> <GetBranchListResult> <xs:schema id="NewDataSet" xmlns="" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:msdata="urn:schemas-microsoft-com:xml-msdata"> <xs:element name="NewDataSet" msdata:IsDataSet="true" msdata:MainDataTable="Data" msdata:UseCurrentLocale="true"> <xs:complexType> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="Data"> <xs:complexType> <xs:sequence> <xs:element name="BranchCode" type="xs:string" minOccurs="0" /> <xs:element name="BranchDescription" type="xs:string" minOccurs="0" /> <xs:element name="RegionCode" type="xs:string" minOccurs="0" /> <xs:element name="RegionDescription" type="xs:string" minOccurs="0" /> <xs:element name="Offline" type="xs:boolean" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:schema> </GetBranchListResult> </GetBranchListResponse> </soap:Body> </soap:Envelope></pre>			

```
</xs:schema>
<diffgr:diffgram xmlns:msdata="urn:schemas-microsoft-com:xml-msdata" xmlns:diffgr="urn:schemas-microsoft-com:xml-diffgram-v1">
<DocumentElement xmlns="">
  <Data diffgr:id="Data1" msdata:rowOrder="0">
    <BranchCode>006</BranchCode>
    <BranchDescription>Test 006</BranchDescription>
    <RegionCode>99</RegionCode>
    <RegionDescription>Region 99</RegionDescription>
    <Offline>false</Offline>
  </Data>
  <Data diffgr:id="Data2" msdata:rowOrder="1">
    <BranchCode>007</BranchCode>
    <BranchDescription>Test 006 </BranchDescription>
    <RegionCode>99</RegionCode>
    <RegionDescription>Region 99</RegionDescription>
    <Offline>false</Offline>
  </Data>
</DocumentElement>
</diffgr:diffgram>
</GetBranchListResult>
</GetBranchListResponse>
</soap:Body>
</soap:Envelope>
```

Layby Methods

ItemsToPromoteToCustomer

Method	ItemsToPromoteToCustomer			
Intended Usage	Gets a list of products to promote to the customer			
Parameters	Name	Type	Max Len	Description
	customerCode	string	20	Customer Code
	branchCode	string	20	Branch Code
	webSiteItemsOnly	int	1	Include items registered for display on websites only? 0 = No, 1 = Yes
	websiteUserCode	string	20	Usercode (see user permissions)
	websitePassword	string	20	Password (see user permissions)
Returns	Xml that conforms to ItemsToPromoteToCustomer.xsd which is in the form of a .NET data set			
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <ItemsToPromoteToCustomer xmlns="http://www.magentaretail.com.au/"> <customerCode>000001</customerCode> <branchCode>99</branchCode> <webSiteItemsOnly>0</webSiteItemsOnly> <websiteUserCode>MWSTEST</websiteUserCode> <websitePassword>TEST</websitePassword> </ItemsToPromoteToCustomer> </soap:Body> </soap:Envelope></pre>			
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <ItemsToPromoteToCustomerResponse xmlns="http://www.magentaretail.com.au/"> <ItemsToPromoteToCustomerResult> <xs:schema id="NewDataSet" xmlns="" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:msdata="urn:schemas-microsoft-com:xml-msdata"> <xs:element name="NewDataSet" msdata:IsDataSet="true" msdata:UseCurrentLocale="true"> <xs:complexType> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="Table"> <xs:complexType></pre>			

```

</xs:sequence>
    <xs:sequence>
        <xs:element name="Type" type="xs:string" minOccurs="0" />
        <xs:element name="productcode" type="xs:string" minOccurs="0" />
        <xs:element name="Code" type="xs:string" minOccurs="0" />
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Table1">
<xs:complexType>
    <xs:sequence>
        <xs:element name="Column1" type="xs:string" minOccurs="0" />
        <xs:element name="productcode" type="xs:string" minOccurs="0" />
        <xs:element name="Code" type="xs:string" minOccurs="0" />
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
</xs:schema>
<diffgr:diffgram xmlns:msdata="urn:schemas-microsoft-com:xml-msdata" xmlns:diffgr="urn:schemas-microsoft-com:xml-diffgram-v1">
    <NewDataSet xmlns="">
        <Table1 diffgr:id="Table11" msdata:rowOrder="0">
            <Column1>RECOMMEND BY ANALYSIS1</Column1>
            <productcode>6686072</productcode>
            <Code>WW</Code>
        </Table1>
        <Table1 diffgr:id="Table12" msdata:rowOrder="1">
            <Column1>RECOMMEND BY ANALYSIS1</Column1>
            <productcode>6686067005</productcode>
            <Code>WW</Code>
        </Table1>
        <Table1 diffgr:id="Table13" msdata:rowOrder="2">
            <Column1>RECOMMEND BY ANALYSIS1</Column1>
            <productcode>6686067006</productcode>
            <Code>WW</Code>
        </Table1>
    </NewDataSet>
</diffgr:diffgram>
</ItemsToPromoteToCustomerResult>
</ItemsToPromoteToCustomerResponse>
</soap:Body>
</soap:Envelope>

```

RetrieveLayby

Method	RetrieveLayby			
Intended Usage	Retrieve the details of a layby for a customer			
Parameters	Name	Type	Max Len	Description
	customerSurname	string	60	The customers surname
	laybyNumber	string	20	The layby reference number
	websiteUserCode	string	20	Usercode (see user permissions)
	websitePassword	string	20	Password (see user permissions)
Returns	Xml that conforms to RetrieveLayby.xsd which is in the form of a .NET data table			
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <RetrieveLayby xmlns="http://www.magentaretail.com.au/"> <customerSurname>smith</customerSurname> <laybyNumber>9999002000022</laybyNumber> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>TEST</webSitePassword> </RetrieveLayby> </soap:Body> </soap:Envelope></pre>			
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <RetrieveLaybyResponse xmlns="http://www.magentaretail.com.au/"> <RetrieveLaybyResult> <xs:schema id="NewDataSet" xmlns="" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:msdata="urn:schemas-microsoft-com:xml-msdata"> <xs:element name="NewDataSet" msdata:IsDataSet="true" msdata:MainDataTable="Data" msdata:UseCurrentLocale="true"> <xs:complexType> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="Data"> <xs:complexType> <xs:sequence> <xs:element name="LaybyNumber" type="xs:string" minOccurs="0" /> <xs:element name="CustomerCode" type="xs:string" minOccurs="0" /> <xs:element name="CreationDate" type="xs:dateTime" minOccurs="0" /> <xs:element name="DueDate" type="xs:dateTime" minOccurs="0" /> <xs:element name="LastPaymentDate" type="xs:dateTime" minOccurs="0" /> <xs:element name="Total" type="xs:decimal" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:schema> </RetrieveLaybyResult> </RetrieveLaybyResponse> </soap:Body> </soap:Envelope></pre>			

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Method	RecordLaybyPayment			
Intended Usage	Record a layby payment for a customers' layby			
Parameters	Name	Type	Max Len	Description
	laybyNumber	string	20	The layby reference number
	transactionNumber	String	20	The external transaction number
	line	int		The line number of the layby that the payment is being made against
	websiteId	String	20	The Id of the website that is the source of the payment. This site must be registered in EEE. This is also known in EEE as a website code.

	<table><tr><td>paymentDate</td><td>String</td><td>8</td><td>The payment date in the format YYYYMMDD (E.g. 20090916)</td></tr><tr><td>amount</td><td>Double</td><td></td><td>The payment amount</td></tr><tr><td>narration</td><td>String</td><td>100</td><td>Any notes accompanying the payment</td></tr><tr><td>websiteUserCode</td><td>string</td><td>20</td><td>Usercode (see user permissions)</td></tr><tr><td>websitePassword</td><td>string</td><td>20</td><td>Password (see user permissions)</td></tr></table>	paymentDate	String	8	The payment date in the format YYYYMMDD (E.g. 20090916)	amount	Double		The payment amount	narration	String	100	Any notes accompanying the payment	websiteUserCode	string	20	Usercode (see user permissions)	websitePassword	string	20	Password (see user permissions)
paymentDate	String	8	The payment date in the format YYYYMMDD (E.g. 20090916)																		
amount	Double		The payment amount																		
narration	String	100	Any notes accompanying the payment																		
websiteUserCode	string	20	Usercode (see user permissions)																		
websitePassword	string	20	Password (see user permissions)																		
Returns	Boolean – true if payment recorded successfully, false if not.																				
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <RecordLaybyPayment xmlns="http://www.magentaretail.com.au/"> <laybyNumber>072101000036</laybyNumber> <transactionNumber>TRN123456</transactionNumber> <line>1</line> <websiteId>MAGENTA</websiteId> <paymentDate>20120806</paymentDate> <amount>10</amount> <narration>10 dollar payment</narration> <websiteUserCode>MWSTEST</websiteUserCode> <websitePassword>TEST</websitePassword> </RecordLaybyPayment> </soap:Body> </soap:Envelope></pre>																				
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <RecordLaybyPaymentResponse xmlns="http://www.magentaretail.com.au/"> <RecordLaybyPaymentResult>true</RecordLaybyPaymentResult> </RecordLaybyPaymentResponse> </soap:Body> </soap:Envelope></pre>																				

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Customer Registration Methods

GetCustomDemographics

Method	GetCustomDemographics
Intended Usage	Gets a list of available customer custom demographic questions and where applicable their available responses. This data is relatively static and the

	method should only be called once a day at most.											
Parameters	<table><thead><tr><th>Name</th><th>Type</th><th>Description</th></tr></thead><tbody><tr><td>websiteUserCode</td><td>string</td><td>Usercode (see user permissions)</td></tr><tr><td>webSitePassword</td><td>string</td><td>Password (see user permissions)</td></tr></tbody></table>	Name	Type	Description	websiteUserCode	string	Usercode (see user permissions)	webSitePassword	string	Password (see user permissions)		
Name	Type	Description										
websiteUserCode	string	Usercode (see user permissions)										
webSitePassword	string	Password (see user permissions)										
Returns	XML that conforms to GetCustomDemographics.xsd. See GetCustomDemographics.xml for sample xml											
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <GetCustomDemographics xmlns="http://www.magentaretail.com.au/"> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>TEST</webSitePassword> </GetCustomDemographics> </soap:Body> </soap:Envelope></pre>											
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <GetCustomDemographicsResponse xmlns="http://www.magentaretail.com.au/"> <GetCustomDemographicsResult> &lt;CustomDemographics&gt; &lt;DemographicQuestions QuestionId="1000" QuestionText="Preferred Branch" QuestionType="TEXT" ResponseGroup="" /&gt; &lt;DemographicQuestions QuestionId="1001" QuestionText="OptOutOfThirdPartyOffers" QuestionType="BOOL" ResponseGroup="" /&gt; &lt;DemographicQuestions QuestionId="1002" QuestionText="Numkids" QuestionType="NUM" ResponseGroup="" /&gt; &lt;DemographicQuestions QuestionId="1003" QuestionText="OptOutOfOnline" QuestionType="BOOL" ResponseGroup="" /&gt; &lt;DemographicQuestions QuestionId="1004" QuestionText="Random" QuestionType="BOOL" ResponseGroup="" /&gt; &lt;DemographicQuestions QuestionId="1005" QuestionText="Homeownershipstatus" QuestionType="SLIST" ResponseGroup="HOStatus"&gt; &lt;DemographicResponses Answer="395" AnswerText="Owning" Sortkey="1.000000" /&gt; &lt;DemographicResponses Answer="396" AnswerText="Renting" Sortkey="2.000000" /&gt; &lt;DemographicResponses Answer="397" AnswerText="Other" Sortkey="3.000000" /&gt; &lt;/DemographicQuestions&gt; &lt;/CustomDemographics&gt; </GetCustomDemographicsResult> </GetCustomDemographicsResponse> </soap:Body> </soap:Envelope></pre>											

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Customer Registration

Method	CustomerRegistration
Intended Usage	Register a new Customer or save updates to an existing Customer. This method accepts an xml string of customer data that conforms to Customer.xsd and then returns the Customer Code on successful save. Throws a SoapFault

	on failure.																
Notes	If the CustomerCode is empty, a new customer record will be added. If the CustomerCode is not empty, the existing customer record will be updated. In the Customer node, the attributes are mapped into the same fields in a Customer record in EEE.																
Parameters	<table><tr><th>Name</th><th>Type</th><th>Max Len</th><th>Description</th></tr><tr><td>customerXmlString</td><td>string</td><td></td><td>The customer xml string. Conforms to Customer.xsd.</td></tr><tr><td>websiteUserCode</td><td>string</td><td>20</td><td>Usercode (see user permissions)</td></tr><tr><td>webSitePassword</td><td>string</td><td>20</td><td>Password (see user permissions)</td></tr></table>	Name	Type	Max Len	Description	customerXmlString	string		The customer xml string. Conforms to Customer.xsd.	websiteUserCode	string	20	Usercode (see user permissions)	webSitePassword	string	20	Password (see user permissions)
Name	Type	Max Len	Description														
customerXmlString	string		The customer xml string. Conforms to Customer.xsd.														
websiteUserCode	string	20	Usercode (see user permissions)														
webSitePassword	string	20	Password (see user permissions)														
Returns	string Customer Code																
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <CustomerRegistration xmlns="http://www.magentaretail.com.au/"> <customerXmlString>&lt;EEECustomer&gt;&lt;EEECustomerTable&gt;&lt;CustomerRecord CustomerCode="" LoyaltyNumber="" CustomerCategoryCode="LOYALTY" Surname="Jones" Firstname="Mary" Salutation="Mrs" Address1="50 George St" Address2="" Address3="" Address4="Sydney" Postcode="2000" State="NSW" Country="Australia" Email="asfdasf@sdfasdf.com" Phone="" Mobile="0000000000" DOB="1985-01-01" Password="Password1" PriceBookCode="TRADE" /&gt;&lt;/EEECustomerTable&gt;&lt;/EEECustomer&gt;</customerXmlString> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>FaGx8MuVql</webSitePassword> </CustomerRegistration> </soap:Body> </soap:Envelope></pre>																
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <CustomerRegistrationResponse xmlns="http://www.magentaretail.com.au/"> <CustomerRegistrationResult>999999516</CustomerRegistrationResult> </CustomerRegistrationResponse> </soap:Body> </soap:Envelope></pre>																
Xml Input Definition	See Customer.xsd for xml structure definition. See Appendix for Demographic Questions definition and description.																
Sample Xml	See CustomerRegistrationSample.xml for sample input xml.																

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Customer Confirmation

Method	CustomerConfirmation
Intended Usage	Used to confirm a customers' email address. If so configured, when a customer is registered EEE can send an email address confirmation email to the customer.

	This should contain a link to a page on the site which invokes this method.																				
Parameters	<table><thead><tr><th>Name</th><th>Type</th><th>Max Len</th><th>Description</th></tr></thead><tbody><tr><td>emailId</td><td>string</td><td></td><td>A unique email Id that is in the email sent to the end user to confirm the email address. E.g. BA70B12D-40B0-4050-BBAA-AB19C4C0B2BC</td></tr><tr><td>customerCode</td><td>string</td><td>20</td><td>The customer code included in the email sent</td></tr><tr><td>websiteUserCode</td><td>string</td><td>20</td><td>Usercode (see user permissions)</td></tr><tr><td>webSitePassword</td><td>string</td><td>20</td><td>Password (see user permissions)</td></tr></tbody></table>	Name	Type	Max Len	Description	emailId	string		A unique email Id that is in the email sent to the end user to confirm the email address. E.g. BA70B12D-40B0-4050-BBAA-AB19C4C0B2BC	customerCode	string	20	The customer code included in the email sent	websiteUserCode	string	20	Usercode (see user permissions)	webSitePassword	string	20	Password (see user permissions)
Name	Type	Max Len	Description																		
emailId	string		A unique email Id that is in the email sent to the end user to confirm the email address. E.g. BA70B12D-40B0-4050-BBAA-AB19C4C0B2BC																		
customerCode	string	20	The customer code included in the email sent																		
websiteUserCode	string	20	Usercode (see user permissions)																		
webSitePassword	string	20	Password (see user permissions)																		
Returns	String – returns the customerCode if the confirmation is successful. If an empty string or an exception are returned then the confirmation failed.																				
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <CustomerConfirmation xmlns="http://www.magentaretail.com.au/"> <emailId>BA70B12D-40B0-4050-BBAA-AB19C4C0B2BC</emailId> <customerCode>0000002</customerCode> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>TEST</webSitePassword> </CustomerConfirmation> </soap:Body> </soap:Envelope></pre>																				
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <CustomerConfirmationResponse xmlns="http://www.magentaretail.com.au/"> <CustomerConfirmationResult>0000002</CustomerConfirmationResult> </CustomerConfirmationResponse> </soap:Body> </soap:Envelope></pre>																				

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Customer Confirmation With Details

Customer Confirmation With Details			
Method	CustomerConfirmationWithDetails		
Parameters	Name	Type	Description
	emailId	String	A unique email Id that is in the email sent to the end user to confirm the email address.
	customerCode	String	The customer code included in the email

	sent websiteUserCode string Usercode (see <u>user permissions</u>) websitePassword string Password (see <u>user permissions</u>)
Returns	DataSet – The same format as the CustomerDetails method

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Customer Validate Login

Method	CustomerValidateLogin																								
Parameters	<table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>LoyaltyCardNumber</td><td>String</td><td>The card number</td></tr><tr><td colspan="3"><u>OR</u></td></tr><tr><td>Emailaddress</td><td>String</td><td>The customers email address</td></tr><tr><td>Password</td><td>String</td><td></td></tr><tr><td colspan="3"><u>AND</u></td></tr><tr><td>websiteUserCode</td><td>string</td><td>Usercode (see <u>user permissions</u>)</td></tr><tr><td>websitePassword</td><td>string</td><td>Password (see <u>user permissions</u>)</td></tr></table>	Name	Type	Description	LoyaltyCardNumber	String	The card number	<u>OR</u>			Emailaddress	String	The customers email address	Password	String		<u>AND</u>			websiteUserCode	string	Usercode (see <u>user permissions</u>)	websitePassword	string	Password (see <u>user permissions</u>)
Name	Type	Description																							
LoyaltyCardNumber	String	The card number																							
<u>OR</u>																									
Emailaddress	String	The customers email address																							
Password	String																								
<u>AND</u>																									
websiteUserCode	string	Usercode (see <u>user permissions</u>)																							
websitePassword	string	Password (see <u>user permissions</u>)																							
Returns	String – CustomerCode if successful. Null if not successful.																								
Sample .NET Usage	<pre>string login = ews.CustomerValidateLogin("test@test.com", "Password");</pre>																								
	<pre>string login = ews.CustomerValidateLogin("GC100000000000651313", "Password");</pre>																								
Return XML	<pre><?xml version="1.0" encoding="utf-8" ?> <string xmlns="http://www.magentaretail.com.au/">000001</string></pre>																								

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Customer Offline Login

Method	CustomerValidateLoginOffline		
Parameters	Name	Type	Description
	LoyaltyCardNumber	String	The card number
	OR		
	CustomerCode	String	The customers customer code
	<u>Plus at least 2 of the following items</u>		
	DOB	String	The customers date of birth in the format ‘YYYYMMDD’
	Surname	String	The customers surname
	EmailAddress	String	The customers email address
	PostCode	String	The customers postcode
	Phone	String	The customers phone number
	Mobile	String	The customers mobile phone number
	<u>AND</u>		
websiteUserCode	string	Usercode (see user permissions)	
websitePassword	string	Password (see user permissions)	
Returns	String – CustomerCode if successful. Null if not successful.		
Sample .NET Usage	string login = ews.CustomerValidateLoginOffline("GC100000000000651313", "Password", "19000101","Smith");		
Return XML	<?xml version="1.0" encoding="utf-8" ?> <string xmlns="http://www.magentaretail.com.au/">000001</string>		

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Customer Details

Method	CustomerDetails		
Parameters	Name	Type	Description
	Emailaddress	String	The customers email address
	Password	String	The customers password
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)
Returns	DataSet - Table 0 is Customer details and Table 1 is Customer answers		
Sample .NET Usage	<pre>DataSet ds = new DataSet(); ds = ews.CustomerDetails("test@test.com", "Password1");</pre>		
Return XML	<pre><diffgr:diffgram xmlns:msdata="urn:schemas-microsoft-com:xml-msdata" xmlns:diffgr="urn:schemas-microsoft-com:xml-diffgram-v1"> <NewDataSet xmlns=""> <Table diffgr:id="Table1" msdata:rowOrder="0"> <customercode>000001</customercode> <loyaltycardnumber>GC000000000000000012</loyaltycardnumber> <surname>Jones</surname> <firstname>Mary</firstname> <salutation>Mrs</salutation> <address1>50 George St</address1> <address2>Address21</address2> <address3>Address31</address3> <address4>Sydney</address4> <postcode>2000</postcode> <state>NSW</state> <country>Australia</country> <email>mary.jones@nopond.com</email> <mobile>0000000000</mobile> <dob>1985-01-01T00:00:00+10:00</dob> <gender>F</gender> <consentgiven>true</consentgiven> <consentdatetime></consentdatetime> <optoutemail /> <optoutmobile /> <donotcontact /> <customercategorycode /> <parentcustomercode /> <customersubcategorycode /> <externalid /> <MasterCustomerCode /> </Table> </NewDataSet> </diffgram></pre>		

```

        <MasterCustomerAssociationDate />
        <MasterCustomerAssociationExpiryDate />
    </Table>
    <Table1 diffgr:id="Table11" msdata:rowOrder="0">
        <Id>105</Id>
        <QuestionId>1</QuestionId>
        <Answer>true</Answer>
    </Table1>
    <Table1 diffgr:id="Table12" msdata:rowOrder="1">
        <Id>106</Id>
        <QuestionId>2</QuestionId>
        <Answer>20100501</Answer>
    </Table1>
    <Table1 diffgr:id="Table13" msdata:rowOrder="2">
        <Id>107</Id>
        <QuestionId>3</QuestionId>
        <Answer>2</Answer>
    </Table1>
    <Table1 diffgr:id="Table14" msdata:rowOrder="3">
        <Id>108</Id>
        <QuestionId>4</QuestionId>
        <Answer />
    </Table1>
    <Table1 diffgr:id="Table15" msdata:rowOrder="4">
        <Id>112</Id>
        <QuestionId>4</QuestionId>
        <Answer />
    </Table1>
    <Table1 diffgr:id="Table16" msdata:rowOrder="5">
        <Id>116</Id>
        <QuestionId>4</QuestionId>
        <Answer />
    </Table1>
    <Table1 diffgr:id="Table17" msdata:rowOrder="6">
        <Id>120</Id>
        <QuestionId>4</QuestionId>
        <Answer />
    </Table1>
    <Table1 diffgr:id="Table18" msdata:rowOrder="7">
        <Id>109</Id>
        <ParentId>108</ParentId>
        <QuestionId>5</QuestionId>
        <Answer>Jimmy</Answer>
    </Table1>
    <Table1 diffgr:id="Table19" msdata:rowOrder="8">
        <Id>110</Id>
        <ParentId>108</ParentId>
        <QuestionId>6</QuestionId>

```

	<pre> <Answer>20090101</Answer> </Table1> <Table1 diffgr:id="Table110" msdata:rowOrder="9"> <Id>111</Id> <ParentId>108</ParentId> <QuestionId>7</QuestionId> <Answer>M</Answer> </Table1> <Table1 diffgr:id="Table111" msdata:rowOrder="10"> <Id>113</Id> <ParentId>112</ParentId> <QuestionId>5</QuestionId> <Answer>Jenny</Answer> </Table1> <Table1 diffgr:id="Table112" msdata:rowOrder="11"> <Id>114</Id> <ParentId>112</ParentId> <QuestionId>6</QuestionId> <Answer>20080101</Answer> </Table1> <Table1 diffgr:id="Table113" msdata:rowOrder="12"> <Id>115</Id> <ParentId>112</ParentId> <QuestionId>7</QuestionId> <Answer>M</Answer> </Table1> </NewDataSet> </diffgr:diffgram> </DataSet> </pre>
Notes	The following nodes are nullable and will not be present in the dataset if the Customer has a null value for these fields: • SubCategoryCode • MasterCustomerCode • MasterCustomerAssociationDate • MasterCustomerAssociationExpiryDate

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See [Demographic Questions and Associated Answers](#) for information on the relationships of Answers

CustomerDetailsByCustomerCode

Method	CustomerDetailsByCustomerCode
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Parameters	Name	Type	Description
	CustomerCode	String	The customers EEE customer code
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)
Returns	DataSet – The same format as the CustomerDetails method		

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Customer DetailsWithParameters

Method	CustomerDetailsWithParameters		
Parameters	Name	Type	Description
	Emailaddress	String	The customers email address
	<u>OR</u>		
	LoyaltyCardNumber	String	The card number
	<u>Plus at least 2 of the following items</u>		
	DOB	String	The customers date of birth in the format 'YYYYMMDD'
	Surname	String	The customers surname
	EmailAddress	String	The customers email address
	PostCode	String	The customers postcode
	Phone	String	The customers phone number
	Mobile	String	The customers mobile phone number
	websiteUserCode	string	Usercode (see user permissions)

	websitePassword string Password (see <u>user permissions</u>)
Returns	DataSet – The same format as the CustomerDetails method

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CustomerForgotPassword

Method	CustomerForgotPassword																		
Parameters	<table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>LoyaltyCardNumber</td><td>String</td><td>The card number</td></tr><tr><td colspan="3"><u>OR</u></td></tr><tr><td>Emailaddress</td><td>String</td><td>The customers email address</td></tr><tr><td>websiteUserCode</td><td>string</td><td>Usercode (see user permissions)</td></tr><tr><td>websitePassword</td><td>string</td><td>Password (see user permissions)</td></tr></table>	Name	Type	Description	LoyaltyCardNumber	String	The card number	<u>OR</u>			Emailaddress	String	The customers email address	websiteUserCode	string	Usercode (see user permissions)	websitePassword	string	Password (see user permissions)
Name	Type	Description																	
LoyaltyCardNumber	String	The card number																	
<u>OR</u>																			
Emailaddress	String	The customers email address																	
websiteUserCode	string	Usercode (see user permissions)																	
websitePassword	string	Password (see user permissions)																	
Returns	Boolean – true if email sending was successful. False if not successful or a password has not been set.																		
Sample .NET Usage	<pre>bool login = ews.CustomerForgotPassword("test@test.com");</pre>																		
	<pre>bool login = ews.CustomerForgotPassword("GC1000000000000651313");</pre>																		
Return XML	<pre><?xml version="1.0" encoding="utf-8" ?> <boolean xmlns="http://www.magentaretail.com.au/">true</boolean></pre>																		

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CustomerEmailExists

Method	CustomerEmailExists		
Parameters	Name	Type	Description
	Emailaddress	String	The customers email address
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)
Returns	Boolean – true if the email address exists in the customer database.		
Sample .NET Usage	<pre>bool emailexists = ews.CustomerEmailExists("test@test.com");</pre>		

Return XML	<pre><?xml version="1.0" encoding="utf-8" ?> <boolean xmlns="http://www.magentaretail.com.au/">true</boolean></pre>
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CustomerDetailsExtended

Description Returns the customers demographic detail and available coupons. The data conforms to CustomerDetailsExtended.xsd.

Parameters	Name	Type	Description
	CustomerCode	String	The customers customer code
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns XML that conforms to CustomerDetailsExtended.xsd.

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CustomerDetailsExtendedWithParameters

Description Locates the customer record using the supplied details and returns the customers demographic detail and available coupons. The data conforms to CustomerDetailsExtended.xsd.

Parameters	Name	Type	Description
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)
	Emailaddress	String	The customers email address
		OR	
	LoyaltyCardNumber	string	The card number
	PLUS AS LEAST 2 OF THE FOLLOWING		
	DOB	String	The customers date of birth in the format 'YYYYMMDD'
	Surname	String	The customers surname
	EmailAddress	String	The customers email address
	PostCode	String	The customers postcode
	Phone	String	The customers phone number

Mobile	String	The customers mobile phone number
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Returns XML that conforms to CustomerDetailsExtended.xsd.

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CustomerConfirmationWithDetailsExtended

Description Confirms a customers email address as valid and returns the customers demographic detail and available coupons. The data conforms to CustomerDetailsExtended.xsd.

Parameters	Name	Type	Description
	emailId	String	A unique email Id that is in the email sent to the end user to confirm the email address.
	CustomerCode	String	The customers customer code
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns XML that conforms to CustomerDetailsExtended.xsd.

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Loyalty Rewards Methods

Customer Loyalty Card Details

Method	CustomerLoyaltyCardDetails		
Parameters	Name	Type	Description
	LoyaltyCardNumber	String	The customers loyalty card number
	<u>OR</u>		
	Emailaddress	String	The customers email address

	Password String The customers password websiteUserCode string Usercode (see user permissions) websitePassword string Password (see user permissions)
Returns	DataSet Table 1 – Loyalty Card Details
Sample .NET Usage	<pre>DataSet ds = new DataSet(); ds = ews.CustomerLoyaltyCardDetails("GC100000000000651313","", "Password1");</pre>
Return XML	<pre><diffgr:diffgram xmlns:msdata="urn:schemas-microsoft-com:xml-msdata" xmlns:diffgr="urn:schemas-microsoft-com:xml-diffgram-v1"> <NewDataSet xmlns=""> <Table diffgr:id="Table1" msdata:rowOrder="0"> <CustomerCode>0000001</CustomerCode> <LoyaltyCardNumber>GC100000000000651313</LoyaltyCardNumber> <IssueDate>2010-02-12T10:56:39+10:00</IssueDate> <ExpiryDate>9999-12-31T00:00:00+10:00</ExpiryDate> <RemainingValue>0.0000</RemainingValue> <AccumulatedPoints>10</AccumulatedPoints> </Table> </NewDataSet> </diffgr:diffgram> </DataSet></pre>

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LoyaltyGiftCardStatus

Method	LoyaltyGiftCardStatus		
Parameters	Name	Type	Description
	LoyaltyCardNumber	String	The card number
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)
Returns	0 = Card is valid and not issued and can be used 1 = Card is invalid 2 = Card is valid but is already issued to a customer		
Sample .NET Usage	<pre>int cardstatus = ews.LoyaltyGiftCardStatus("GC1000000000000651313");</pre>		
Return XML	<pre><?xml version="1.0" encoding="utf-8" ?> <int xmlns="http://www.magentaretail.com.au/">0</int></pre>		

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CustomerLoyaltyStatement

Method	CustomerLoyaltyStatement			
Latest interface version	2			
Intended Usage	Used to retrieve a customer’s loyalty statement detail.			
Parameters	Name	Type	Max Len	Description
	customerCode	string	20	The customers customer code
	dateFrom	string	8	Optional start date filter. Format YYYYMMDD
	dateTo	string	8	Optional end date filter. Format YYYYMMDD

	websiteUserCode string 20 Usercode (see user permissions) webSitePassword string 20 Password (see user permissions)
Returns	Xml that conforms to CustomerLoyaltyStatement.xsd
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <CustomerLoyaltyStatement xmlns="http://www.magentaretail.com.au"> <customerCode>000002</customerCode> <dateFrom>20120701</dateFrom> <dateTo>20120801</dateTo> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>TEST</webSitePassword> </CustomerLoyaltyStatement> </soap:Body> </soap:Envelope></pre>
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <CustomerLoyaltyStatementResponse xmlns="http://www.magentaretail.com.au"> <CustomerLoyaltyStatementResult> <LoyaltyStatement xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" OpeningBalance="55.25" ClosingBalance="30.45" AsAtDate="01/08/2012" FromDate="01/07/2012" LoyaltyRewardIssued="15.00" LoyaltyRewardRedeemed="5.00" LoyaltyRewardExpired="0.00" LoyaltyRewardClosingBalance="10.00" LoyaltyRewardOpeningBalance="0.00" ConsumedIssued="300.00" ConsumedExpired="0.00" ConsumedTransferred="0.00" xmlns=""> <LoyaltyTransaction TransactionDate="23/07/2012 14:57:58" SortTransactionDate="2012-07-23T14:57:58.140" Detail="Points Bonus: Manual Points 1 (99\SA) " RewardPoints="100.00" ConsumedReason="Points Issued" InvoiceNumber="" /> <LoyaltyTransaction TransactionDate="23/07/2012 14:58:37" SortTransactionDate="2012-07-23T14:58:37" ConsumedReason="Reward Issued" PointsConsumed="-100.00" /> <LoyaltyTransaction TransactionRef="99990200000193" TransactionDate="24/07/2012 16:19:56" SortTransactionDate="2012-07-24T16:19:56" Detail="Gift Card Redemption" RewardPoints="-5.00" BranchDescription="Head Office's" ConsumedReason="Points Issued" InvoiceNumber="9999020000086" /> <LoyaltyTransaction TransactionDate="24/07/2012 17:00:00" SortTransactionDate="2012-07-24T17:00:00" ConsumedReason="Reward Issued" PointsConsumed="-200.00" /> </LoyaltyStatement> </CustomerLoyaltyStatementResult> </CustomerLoyaltyStatementResponse> </soap:Body> </soap:Envelope></pre>

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LoyaltyPointsTransfer

Method	LoyaltyPointsTransfer
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Parameters	Name	Type	Description
	CustomerCodeFrom	String	The customercode of the person transfer points to another loyalty customer
	LoyaltyCardNumberTo	String	The loyalty card number to transfer the points to
	PointstoTransfer	Decimal	The number of points to transfer
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)
Returns	True = transfer complete False = transfer failed		
Sample .NET Usage	<pre>bool success = ews.LoyaltyPointsTransfer("000001", "GC500000000000000001", "20.00");</pre>		
Return XML	<pre><?xml version="1.0" encoding="utf-8" ?> <boolean xmlns="http://www.magentaretail.com.au/">true</boolean></pre>		

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Customer Promotion Coupon Methods

CouponRedemption

Method	CouponRedemption		
Parameters	Name	Type	Description
	CouponCode	String	The coupon to redeem
	CustomerCode	String	The customers customer code
	RedeemTransactionNumber	String	The transaction number that the coupon was redeemed against
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)
Returns	True = coupon redeemed False = coupon not redeemed		
Sample .NET Usage	<code>bool success = ews.CouponRedemption("0000C4", "000001");</code>		
Return XML	<code><?xml version="1.0" encoding="utf-8" ?> <boolean xmlns="http://www.magentaretail.com.au/">true</boolean></code>		
NOTE:	The RedeemedDate of the coupon is set to the time that this method is executed		

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CouponRedemptionById

Method	CouponRedemptionById		
Parameters	Name	Type	Description
	PromotionCouponId	Int	The id of the coupon to redeem
	CustomerCode	String	The customers customer code
	RedeemTransactionNumber	String	The transaction number that the

	RedeemDate DateTime coupon was redeemed against The date that the coupon was redeemed websiteUserCode string Usercode (see user permissions) websitePassword string Password (see user permissions)
Returns	True = coupon redeemed False = coupon not redeemed
Sample .NET Usage	<code>bool success = ews.CouponRedemption(1, "000001", "TN1000","01/01/2010 10:00:00");</code>
Return XML	<pre><?xml version="1.0" encoding="utf-8" ?> <boolean xmlns="http://www.magentaretail.com.au/">true</boolean></pre>

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CouponValid

Method	CouponValid																	
Parameters	<table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>CouponCode</td><td>String</td><td>The coupon to redeem</td></tr><tr><td>CustomerCode</td><td>String</td><td>The customers customer code</td></tr><tr><td>websiteUserCode</td><td>string</td><td>Usercode (see user permissions)</td></tr><tr><td>websitePassword</td><td>string</td><td>Password (see user permissions)</td></tr></table>	Name	Type	Description	CouponCode	String	The coupon to redeem	CustomerCode	String	The customers customer code	websiteUserCode	string	Usercode (see user permissions)	websitePassword	string	Password (see user permissions)		
Name	Type	Description																
CouponCode	String	The coupon to redeem																
CustomerCode	String	The customers customer code																
websiteUserCode	string	Usercode (see user permissions)																
websitePassword	string	Password (see user permissions)																
Returns	True = coupon able to be used False = coupon not able to be used																	
Sample .NET Usage	<pre>bool success = ews.CouponValid("0000C4", "000001");</pre>																	
Return XML	<pre><?xml version="1.0" encoding="utf-8" ?> <boolean xmlns="http://www.magentaretail.com.au/">true</boolean></pre>																	

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CouponsAvailableToCustomer

Method	CouponsAvailableToCustomer												
Parameters	<table><thead><tr><th>Name</th><th>Type</th><th>Description</th></tr></thead><tbody><tr><td>CustomerCode</td><td>String</td><td>The customers customer code</td></tr><tr><td>websiteUserCode</td><td>string</td><td>Usercode (see user permissions)</td></tr><tr><td>websitePassword</td><td>string</td><td>Password (see user permissions)</td></tr></tbody></table>	Name	Type	Description	CustomerCode	String	The customers customer code	websiteUserCode	string	Usercode (see user permissions)	websitePassword	string	Password (see user permissions)
Name	Type	Description											
CustomerCode	String	The customers customer code											
websiteUserCode	string	Usercode (see user permissions)											
websitePassword	string	Password (see user permissions)											
Returns	Data Table containing coupons that can be used by the customer												
Sample .NET Usage	DataTable dt = ews.CouponsAvailableToCustomer("000001");												
Return XML	<pre><?xml version="1.0" encoding="utf-8" ?><DataTable xmlns="http://www.magentaretail.com.au/"> <xs:schema id="NewDataSet" xmlns="" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:msdata="urn:schemas-microsoft-com:xml-msdata"> <xs:element name="NewDataSet" msdata:IsDataSet="true" msdata:MainDataTable="Data" msdata:UseCurrentLocale="true"> <xs:complexType><xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="Data"><xs:complexType><xs:sequence> <xs:element name="CouponCode" type="xs:string" minOccurs="0" /> <xs:element name="CouponNumber" type="xs:long" minOccurs="0" /> <xs:element name="CouponImage" type="xs:base64Binary" minOccurs="0" /> <xs:element name="PromotionCode" type="xs:string" minOccurs="0" /> <xs:element name="StartDate" type="xs:dateTime" minOccurs="0" /> <xs:element name="EndDate" type="xs:dateTime" minOccurs="0" /> <xs:element name="CustomerCode" type="xs:string" minOccurs="0" /> <xs:element name="IssueDate" type="xs:dateTime" minOccurs="0" /> <xs:element name="ExpiryDate" type="xs:dateTime" minOccurs="0" /> <xs:element name="RedeemDate" type="xs:dateTime" minOccurs="0" /> <xs:element name="RedeemTransactionNumber" type="xs:string" minOccurs="0" /> <xs:element name="PromotionType" type="xs:string" minOccurs="0" /> <xs:element name="CouponPercentageValue" type="xs:decimal" minOccurs="0" /> <xs:element name="CouponDollarValue" type="xs:decimal" minOccurs="0" /> <xs:element name="PromotionDescription" type="xs:string" minOccurs="0" /> <xs:element name="PromotionCouponId" type="xs:int" minOccurs="0" /> </xs:sequence></xs:complexType></xs:element></xs:choice></xs:complexType></xs:element> </xs:schema> <diffgr:diffgram xmlns:msdata="urn:schemas-microsoft-com:xml-msdata" xmlns:diffgr="urn:schemas-microsoft-com:xml-diffgram-v1"> <DocumentElement xmlns=""><Data diffgr:id="Data1" msdata:rowOrder="0"> <CouponCode>0000C4</CouponCode> <CouponNumber>12</CouponNumber><CouponImage></CouponImage> <PromotionCode>FIRST</PromotionCode> <StartDate>2010-01-01T00:00:00+10:00</StartDate> <CustomerCode>000001</CustomerCode> <IssueDate>2010-06-02T10:14:12.527+10:00</IssueDate> <ExpiryDate>2010-06-02T23:59:59.997+10:00</ExpiryDate> <PromotionType>Acquisition Offer 1</PromotionType> <CouponPercentageValue>0.00</CouponPercentageValue> <CouponDollarValue>20.0000</CouponDollarValue> </Data></DocumentElement> </xs:element> </xs:sequence></xs:complexType></xs:element></xs:choice></xs:complexType></xs:element></pre>												

	<PromotionDescription>A02</PromotionDescription> <PromotionCouponId>5</PromotionCouponId> </Data></DocumentElement> </diffgr:diffgram> </DataTable>
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Transaction Methods

GetTransactionPrices

Method	GetTransactionPrices												
Parameters	<table><thead><tr><th>Name</th><th>Type</th><th>Description</th></tr></thead><tbody><tr><td>transactionXML</td><td>String</td><td>An xml string that meets the criteria as per the SalesImport.xsd (sample below)</td></tr><tr><td>websiteUserCode</td><td>string</td><td>Usercode (see user permissions)</td></tr><tr><td>websitePassword</td><td>string</td><td>Password (see user permissions)</td></tr></tbody></table>	Name	Type	Description	transactionXML	String	An xml string that meets the criteria as per the SalesImport.xsd (sample below)	websiteUserCode	string	Usercode (see user permissions)	websitePassword	string	Password (see user permissions)
Name	Type	Description											
transactionXML	String	An xml string that meets the criteria as per the SalesImport.xsd (sample below)											
websiteUserCode	string	Usercode (see user permissions)											
websitePassword	string	Password (see user permissions)											
Returns	An xml string that meets the criteria as per SalesImport.xsd that includes the prices as calculated by EEE.												
Sample .NET Usage	<pre>string xmlinput = " <Sales xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'> <Sale> <TranId>GF99999999</TranId> <TranDate>2009-09-11T00:00:00</TranDate> <CustomerCode>000001</CustomerCode> <SaleBranchCode>0721</SaleBranchCode> <StockBranchCode>0721</StockBranchCode> <MasterCustomerCode /> <DINumber>11111</DINumber> <WebsiteCode>REBEL</WebsiteCode> <SaleLine xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'> <SaleLineId>1</SaleLineId> <ProductCode>1</ProductCode> <Quantity>1.000000</Quantity> <UnitSellingPrice>149.9500</UnitSellingPrice> <ExtendedDiscount>10.0000</ExtendedDiscount> <DiscountReason>MD03</DiscountReason> <GiftCardNumber xsi:nil='true' /> </SaleLine> </Sale> </Sales> string xmloutput = ews.GetTransactionPrices(xmlInput);</pre>												
Return XML	<pre><?xml version="1.0" encoding="utf-16" ?> <Sales xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'> <Sale> <TranId>GF99999999</TranId> <TranDate>2009-09-11T00:00:00</TranDate> <CustomerCode>000001</CustomerCode> <SaleBranchCode>0721</SaleBranchCode></pre>												

	<pre><StockBranchCode>0721</StockBranchCode> <MasterCustomerCode xsi:nil="true" /> <DINumber>11111</DINumber> <WebsiteCode>REBEL</WebsiteCode> <SaleLine xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <SaleLineId>1</SaleLineId> <ProductCode>1</ProductCode> <Quantity>1.000000</Quantity> <UnitSellingPrice>-5.10</UnitSellingPrice> <ExtendedDiscount>15.10</ExtendedDiscount> <DiscountReason>MD03</DiscountReason> <GiftCardNumber xsi:nil="true" /> </SaleLine> </Sale> </Sales></pre>
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Email Statistics Methods

Email Statistics

Method	Email Statistics												
Parameters	<table><thead><tr><th>Name</th><th>Type</th><th>Description</th></tr></thead><tbody><tr><td>emailStatsXmlString</td><td>String</td><td>An xml string that meets the criteria as per the EmailStats.xsd (sample below)</td></tr><tr><td>websiteUserCode</td><td>string</td><td>Usercode (see user permissions)</td></tr><tr><td>websitePassword</td><td>string</td><td>Password (see user permissions)</td></tr></tbody></table>	Name	Type	Description	emailStatsXmlString	String	An xml string that meets the criteria as per the EmailStats.xsd (sample below)	websiteUserCode	string	Usercode (see user permissions)	websitePassword	string	Password (see user permissions)
Name	Type	Description											
emailStatsXmlString	String	An xml string that meets the criteria as per the EmailStats.xsd (sample below)											
websiteUserCode	string	Usercode (see user permissions)											
websitePassword	string	Password (see user permissions)											
Returns	(Bool) true if the statistics were imported without errors												
Sample .NET Usage	<pre>string xmlInput = " <?xml version='1.0' ?> <stats xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'> <stat> <ccid>3008</ccid> <action>1</action> <linkid xsi:nil='true' /> <clicksourceid xsi:nil='true' /> <sourceid>1</sourceid> <utccreated>2010-06-15T06:17:21.993</utccreated> </stat> <stat> <ccid>3008</ccid> <action>2</action> <linkid>100</linkid> <clicksourceid xsi:nil='true' /> <sourceid>2</sourceid> <utccreated>2010-06-15T06:17:21.993</utccreated> </stat> <stat> <ccid>3008</ccid> <action>3</action> <linkid xsi:nil='true' /> <clicksourceid>2</clicksourceid> <sourceid>3</sourceid> <utccreated>2010-06-15T06:17:21.993</utccreated> </stat> </stats>" bool importResult = ews.EmailStatistics(xmlInput);</pre>												
Return Values	True if the statistics were imported without errors												

	False if there were errors Exception if there were errors
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Website Synchronisation Methods

The website synchronisation methods are in place to enable customers to retrieve product and related data from EEE for use on their public facing web stores. There are also methods for the web stores to use to send sales and customer orders to the EEE database.

Overview

This document describes data extraction methods via web service from EEE to external systems.

As a general rule each extraction method (_Get) can be operated in either full load or incremental mode and each extraction supports an acknowledgement (_AcknowledgeGet) process to confirm successful receipt of the data. Acknowledging an extraction will let the system prepare and monitor changes for the next incremental extraction. This applies to both full and incremental mode.

Look Up methods (_LookUp) provide a real time lookup of EEE.

Insert (_Insert) methods commit data to EEE.

Product

Product_Get

Method	Product_Get			
Intended Usage	Returns a gzipped UTF8 encoded byte array of Product xml data. In incremental mode (fullLoad = false), the set returned also identifies Products previously sent that are no longer available on the website. The data conforms to ProductExchange.xsd.			
Parameters	Name	Type	Max Len	Description
	fullLoad	bool		True for all Products, false for incremental.
	websiteCode	string	20	The website code. Blank if none assigned.
	maxRows	int		The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	20	Usercode (see user permissions)
	websitePassword	string	20	Password (see user permissions)
Returns	byte[] - Returns a gzipped UTF8 encoded byte array.			
Sample	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body></pre>			

Soap Request	<pre> <Product_Get xmlns="http://www.magentaretail.com.au/"> <fullLoad>true</fullLoad> <maxRows>0</maxRows> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>PZmuYczbDQ</webSitePassword> </Product_Get> </soap:Body> </soap:Envelope> </pre>
Sample Soap Response	<pre> <?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Product_GetResponse xmlns="http://www.magentaretail.com.au/"> <Product_GetResult>H4sIAAAAAAAEA0y9B2AcSZY1Ji9tynt/SvVK1+B0oQiAYBMk2JBAEOzBiM3mkuwdaUcjKasqgcplVmVdZhZ Az02dvPfee++999577733ujudTif33/8/XGZkAwz2zkrayZ4hgKrIH29+fB8/Iv7Hv/cffPyymbrafs6b9N3i3LZPHrXFJ99NG/b1a07d6+ursZX98ZVfXF3b2dn9+7v/cXz19N5v si2i2XTZstp/1F6+q6ts2n7+bqYffBR/v2D4093njzZfnj68Hh7/+Hus+0nz3a0tw/27z15uL//6Y0DB08+Onr8NC/zNp9p382RwSLVnyfVLP/so1+880t+792P0rubvv69925s8Hv fu6nJDQ1u60LGDjZ8vb0z83B3b+feP0Sg/Z3btteFW356b1Pd3b2b+6Z2z3Yv127g1v1e/9g71Nud7c3zXcdtx39PwEAAP//UB86XH0CAAA=</Product_GetResult> </Product_GetResponse> </soap:Body> </soap:Envelope> </pre>

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Product_AcknowledgeGet

Method	Product_AcknowledgeGet			
Intended Usage	Acknowledge a batch retrieved using Product_Get.			
Parameters	Name	Type	Max Len	Description
	extractGuid	string	36	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	20	Usercode (see user permissions)
	websitePassword	string	20	Password (see user permissions)
Returns	True on success, false otherwise.			
Sample Soap Request	<pre> <?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Product_Get xmlns="http://www.magentaretail.com.au/"> <fullLoad>true</fullLoad> <maxRows>0</maxRows> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>PZmuYczbDQ</webSitePassword> </Product_Get> </soap:Body> </soap:Envelope> </pre>			
Sample Soap Response	<pre> <?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <ProductExtended_AcknowledgeGetResponse xmlns="http://www.magentaretail.com.au/"> <ProductExtended_AcknowledgeGetResult>true</ProductExtended_AcknowledgeGetResult> </ProductExtended_AcknowledgeGetResponse> </soap:Body> </soap:Envelope> </pre>			

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ProductExtended_Get

Description Returns a gzipped UTF8 encoded byte array of Product xml data including renamed Extra Info fields and Extended Attributes as defined in EEE. These fieldnames may change if they are changed in EEE. In incremental mode (fullLoad = false), the set returned also identifies Products previously sent that are no longer available on the website.

Parameters	Name	Type	Description
	fullLoad	bool	True for all Products, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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ProductExtended_AcknowledgeGet

Description Acknowledge a batch retrieved using ProductExtended_Get.

Parameters	Name	Type	Description
	extractGuid	String	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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ProductPromotion_Get

Description Returns a gzipped UTF8 encoded byte array of ProductPromotion xml data. In incremental mode (fullLoad = false), the set returned also identifies ProductPromotions previously sent that are no longer available on the website. The data conforms to ProductPromotionExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all ProductPromotions, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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ProductPromotion_AcknowledgeGet

Description Acknowledge a batch retrieved using ProductPromotion_Get.

Parameters	Name	Type	Description
	extractGuid	String	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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ProductPromotionPrice_Get

Description Returns a gzipped UTF8 encoded byte array of ProductPromotionPrice xml data. In

incremental mode (fullLoad = false), the set returned also identifies ProductPromotionPrices previously sent that are no longer available on the website. The data conforms to ProductPromotionPriceExchange.xsd.

Parameters

Name	Type	Description
fullLoad	bool	True for all ProductPromotionPrices, false for incremental.
websiteCode	string	The website code. Blank if none assigned. Max length 20.
maxRows	int	The maximum number of rows to retrieve. 0 for all.
websiteUserCode	string	Usercode (see user permissions)
websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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ProductPromotionPrice_AcknowledgeGet

Description Acknowledge a batch retrieved using ProductPromotionPrice_Get.

Parameters

Name	Type	Description
extractGuid	String	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
websiteUserCode	string	Usercode (see user permissions)
websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Inventory

Inventory_Get

Description Returns a gzipped UTF8 encoded byte array of Inventory xml data. The data conforms to InventoryExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all web product Inventory, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	branchCode	string	The branch code whose inventory is to be returned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Inventory_AcknowledgeGet

Description Acknowledge a batch retrieved using Inventory_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Inventory_LookUp

Description Real time Inventory look up for a single product.

Parameters	Name	Type	Description
	productCode	string	Product code to look up. Max length 20.
	branchCode	string	The branch code whose inventory is to be returned. Max length 20.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns decimal - Quantity on hand.

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Inventory_LookUps

Method	Inventory_Lookups			
Intended Usage	Used to retrieve the current inventory levels for a product or products at multiple locations			
Parameters	Name	Type	Max Len	Description
	lookupXml	byte[]		A gzipped byte array of Xml data that conforms to Inventory_Lookups_Request.xsd
	websiteUserCode	string	20	Usercode (see user permissions)
	webSitePassword	string	20	Password (see user permissions)
Returns	Returns a gzipped UTF8 encoded byte array of Inventory xml data that conforms to Inventory_Lookups_Response.xsd			
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Inventory_LookUps xmlns="http://www.magentaretail.com.au/"> <lookupXml> H4slAAAAAAAAEOy9B2AcSZYIi9tynt</lookupXml> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>TEST</webSitePassword> </Inventory_LookUps> </soap:Body> </soap:Envelope></pre>			
Sample Soap	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"></pre>			

Response	<pre> <soap:Body> <Inventory_LookupsResponse xmlns="http://www.magentaretail.com.au/"> <Inventory_LookupsResult>H4slIAAAAAEAOy9B2AcSZYlji9tynt</Inventory_LookupsResult> </Inventory_LookupsResponse> </soap:Body> </soap:Envelope> </pre>
Sample Xml Request (before zip)	<pre> <InventoryLookup> <Product ProductCode="100"> <Branch BranchCode="0721" /> <Branch BranchCode="0722" /> </Product> <Product ProductCode="200"> <Branch BranchCode="0723" /> <Branch BranchCode="0724" /> </Product> </InventoryLookup> </pre>
Sample Xml Response (after unzip)	<pre> <InventorySet> <Inventory ProductCode="100" BranchCode="0721" Quantity="3.000000" /> <Inventory ProductCode="100" BranchCode="0722" Quantity="0.000000" /> <Inventory ProductCode="200" BranchCode="0723" Quantity="0.000000" /> <Inventory ProductCode="200" BranchCode="0724" Quantity="0.000000" /> </InventorySet> </pre>

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Price

Price_Get

Description Returns a gzipped UTF8 encoded byte array of Price xml data. The data conforms to PriceExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all web product Prices, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	branchCode	string	The branch code whose Prices are to be returned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Price_AcknowledgeGet

Description Acknowledge a batch retrieved using Price_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Price_LookUp

Description Real time Price look up for a product. Considers Customer discounts if CustomerCode is specified.

Parameters	Name	Type	Description
	productCode	string	Product code to look up.
	quantity	decimal	The quantity.
	branchCode	string	The branch code whose price is to be used. Max length 20.
	customerCode	string	Blank if none. Customer making purchase for discount consideration. Max length 20.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns decimal - Extended Price for the specified Product and Quantity.

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CustomerCategoryPrice_Get

Description Returns a gzipped UTF8 encoded byte array of Customer Category Price xml data. The data conforms to CustomerCategoryPriceExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all web product Prices, false for incremental.
	websiteCode	string	The web site code. Blank if none assigned. Max length 20.
	branchCode	string	The branch code whose Prices are to be returned. Max length 20.
	customerCategoryCode	string	The customer category code to return prices for. Max length of 20. Blank for all Customer Categories configured for the web site customer category price build.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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CustomerCategoryPrice_AcknowledgeGet

Description Acknowledge a batch retrieved using CustomerCategoryPrice_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Cost

Cost_Get

Description Returns a gzipped UTF8 encoded byte array of Cost xml data. The data conforms to CostExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all web product Costs, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	branchCode	string	The branch code whose Costs are to be returned. Max length 20.
	CostType	Int	0 = WAC Cost 1 = Buy price 1 2 = Both WAC and Buy price 1
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Cost_AcknowledgeGet

Description Acknowledge a batch retrieved using Cost_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Colour

Colour_Get

Description Returns a gzipped UTF8 encoded byte array of Colour xml data. The data conforms to ColourExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all Colours, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Colour_AcknowledgeGet

Description Acknowledge a batch retrieved using Colour_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Size

Size_Get

Description Returns a gzipped UTF8 encoded byte array of Size xml data. The data conforms to SizeExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all Sizes, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Size_AcknowledgeGet

Description Acknowledge a batch retrieved using Size_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Style

Style_Get

Description Returns a gzipped UTF8 encoded byte array of Style xml data. The data conforms to StyleExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all Sizes, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Style_AcknowledgeGet

Description Acknowledge a batch retrieved using Style_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see <u>user permissions</u>)
	websitePassword	string	Password (see <u>user permissions</u>)

Returns bool - True on success, false otherwise

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Analysis1

Analysis1_Get

Description Returns a gzipped UTF8 encoded byte array of Analysis1 xml data. The data conforms to Analysis1Exchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all Sizes, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see <u>user permissions</u>)
	websitePassword	string	Password (see <u>user permissions</u>)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Analysis1_AcknowledgeGet

Description Acknowledge a batch retrieved using Analysis1_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see <u>user permissions</u>)
	websitePassword	string	Password (see <u>user permissions</u>)

Returns bool - True on success, false otherwise

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Analysis2

Analysis2_Get

Description Returns a gzipped UTF8 encoded byte array of Analysis2 xml data. The data conforms to Analysis2Exchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all Sizes, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Analysis2_AcknowledgeGet

Description Acknowledge a batch retrieved using Analysis2_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Analysis3

Analysis3_Get

Description Returns a gzipped UTF8 encoded byte array of Analysis3 xml data. The data conforms to AnalysisExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all Sizes, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see <u>user permissions</u>)
	websitePassword	string	Password (see <u>user permissions</u>)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Analysis3_AcknowledgeGet

Description Acknowledge a batch retrieved using Analysis3_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see <u>user permissions</u>)
	websitePassword	string	Password (see <u>user permissions</u>)

Returns bool - True on success, false otherwise

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Analysis4

Analysis4_Get

Description Returns a gzipped UTF8 encoded byte array of Analysis4 xml data. The data conforms to Analysis4Exchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all Sizes, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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Analysis4_AcknowledgeGet

Description Acknowledge a batch retrieved using Analysis4_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Product Images

ProductImage_Get

Description Returns a gzipped UTF8 encoded byte array of Product Image xml data. The data conforms to ProductImageExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all Sizes, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	sizeType	String	The size type to get. e.g.: THM for Thumbnails
	Priority	Int	The image priority to get.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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ProductImage_AcknowledgeGet

Description Acknowledge a batch retrieved using ProductImage_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Customers

Customer_Get

Method	Customer_Get																								
Intended Usage	Used to synchronise customer details that have been added / changed since the last call to Customer_Get.																								
Parameters	<table><tr><th>Name</th><th>Type</th><th>Max Len</th><th>Description</th></tr><tr><td>fullLoad</td><td>boolean</td><td></td><td>True for all available customers, false for incremental</td></tr><tr><td>websiteCode</td><td>string</td><td>20</td><td>The website code. Blank if none assigned.</td></tr><tr><td>maxRows</td><td>int</td><td></td><td>The maximum number of rows to retrieve in a batch. 0 for all rows</td></tr><tr><td>websiteUserCode</td><td>string</td><td>20</td><td>Usercode (see user permissions)</td></tr><tr><td>webSitePassword</td><td>string</td><td>20</td><td>Password (see user permissions)</td></tr></table>	Name	Type	Max Len	Description	fullLoad	boolean		True for all available customers, false for incremental	websiteCode	string	20	The website code. Blank if none assigned.	maxRows	int		The maximum number of rows to retrieve in a batch. 0 for all rows	websiteUserCode	string	20	Usercode (see user permissions)	webSitePassword	string	20	Password (see user permissions)
Name	Type	Max Len	Description																						
fullLoad	boolean		True for all available customers, false for incremental																						
websiteCode	string	20	The website code. Blank if none assigned.																						
maxRows	int		The maximum number of rows to retrieve in a batch. 0 for all rows																						
websiteUserCode	string	20	Usercode (see user permissions)																						
webSitePassword	string	20	Password (see user permissions)																						
Returns	Returns a gzipped UTF8 encoded byte array of Customer xml data that conforms to CustomerExchange.xsd																								
EEE Configuration	<table><tr><th>Name</th><th>Description</th><th>Mandatory</th></tr><tr><td>Only include customers that have an email address in the Customer_Get method results</td><td>If on then only customers that have an email address will be included in the results for this method</td><td>No</td></tr></table>				Name	Description	Mandatory	Only include customers that have an email address in the Customer_Get method results	If on then only customers that have an email address will be included in the results for this method	No															
Name	Description	Mandatory																							
Only include customers that have an email address in the Customer_Get method results	If on then only customers that have an email address will be included in the results for this method	No																							
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Customer_Get xmlns="http://www.magentaretail.com.au/"> <fullLoad>true</fullLoad> <websiteCode>MAGENTA</websiteCode> <maxRows>1000</maxRows> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>TEST</webSitePassword> </Customer_Get> </soap:Body> </soap:Envelope></pre>																								
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Customer_GetResponse xmlns="http://www.magentaretail.com.au/"> <Customer_GetResult>H4slIAAAAAEAOy9B2AcSZYIj9tynt</Customer_GetResult> </Customer_GetResponse> </soap:Body> </soap:Envelope></pre>																								

Sample XML	<pre> <CustomerSet xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ExtractGuid="FDF10B9B-2453-4E8B-B84F-AC588CFDB69C"> <Customers xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <Customer> <CustomerCode>0000002</CustomerCode> <CustomerRecord CustomerCode="0000002" LoyaltyNumber="" Surname="Jones" FirstName="Mary" Salutation="Mrs" Address1="50 George St" Address2="" Address3="" Address4="Sydney" Postcode="2000" State="NSW" Country="Australia" Delivery1="" Delivery2="" Delivery3="" Delivery4="" DeliveryPostcode="" DeliveryState="" Email="mary.jones@nopond.com" Phone="" Mobile="0000000000" DOB="1985-01-01T00:00:00" Demographic1="" Demographic2="" Demographic3="" Demographic4="" Demographic5="" Demographic6="" Demographic7="" Demographic8="" Demographic9="" Demographic10="" Demographic11="" Demographic12="" Demographic13="" Demographic14="" Demographic15="" Demographic16="" Demographic17="" Demographic18="" Demographic19="" Demographic20="" Gender="" ConsentGiven="0" ConsentDateTime="1900-01-01T00:00:00" OptOutEmail="0" OptOutMobile="0" DoNotContact="0" CustomerCategoryCode="LOYALTY" ParentCustomerCode="" CustomerSubCategoryCode="" ExternalId="" MasterCustomerCode="" MasterCustomerAssociationDate="1900-01-01T00:00:00" PriceBookCode="" /> <DemographicQuestions Id="4277" QuestionId="21" Answer="False" /> <DemographicQuestions Id="4339" QuestionId="1001" Answer="False" /> <DemographicQuestions Id="4340" QuestionId="1003" Answer="True" /> <DemographicQuestions Id="4341" QuestionId="1004" Answer="False" /> <DemographicQuestions Id="4342" QuestionId="1007" Answer="False" /> </Customer> </Customers> </CustomerSet> </pre>
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Customer_AcknowledgeGet

Method	Customer_AcknowledgeGet			
Intended Usage	Acknowledge the data received from the Customer_Get call			
Parameters	Name	Type	Max Len	Description
	extractGuid	string		The string representation of the extractGuid for the batch to acknowledge e.g. FDF10B9B-2453-4E8B-B84F-AC588CFDB69C
	websiteUserCode	string	20	Usercode (see user permissions)
	webSitePassword	string	20	Password (see user permissions)
Returns	Boolean – true on success, false otherwise			
Sample Soap Request	<pre> <?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Customer_AcknowledgeGet xmlns="http://www.magentaretail.com.au/"> <extractGuid>FDF10B9B-2453-4E8B-B84F-AC588CFDB69C</extractGuid> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>TEST</webSitePassword> </Customer_AcknowledgeGet> </soap:Body> </soap:Envelope> </pre>			
Sample	<pre> <?xml version="1.0" encoding="utf-8"?> </pre>			

Soap Response	<pre> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Customer_AcknowledgeGetResponse xmlns="http://www.magentaretail.com.au/"> <Customer_AcknowledgeGetResult>true</Customer_AcknowledgeGetResult> </Customer_AcknowledgeGetResponse> </soap:Body> </soap:Envelope> </pre>
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Master Customers

MasterCustomer_Get

Description Returns a gzipped UTF8 encoded byte array of Master Customer xml data. The data conforms to MasterCustomerExchange.xsd.

Parameters	Name	Type	Description
	fullLoad	bool	True for all, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	customerCategoryCode	String	The customer category to get
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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MasterCustomer_AcknowledgeGet

Description Acknowledge a batch retrieved using MasterCustomer_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585

websiteUserCode	string	Usercode (see user permissions)
websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Promotion Customers

PromotionCustomer_Get

Description Returns a gzipped UTF8 encoded byte array of Promotion Customer xml data. The data conforms to PromotionCustomerExchange.xsd.

NOTE: This method only returns PromotionCustomer records where an explicit Customer is added to the promotion. It does not include PromotionCustomer records where a Customer Category or Customer Sub Category is added to the promotion.

Parameters	Name	Type	Description
	fullLoad	bool	True for all, false for incremental.
	websiteCode	string	The website code. Blank if none assigned. Max length 20.
	maxRows	int	The maximum number of rows to retrieve. 0 for all.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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PromotionCustomer_AcknowledgeGet

Description Acknowledge a batch retrieved using PromotionCustomer_Get.

Parameters

Name	Type	Description
extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
websiteUserCode	string	Usercode (see user permissions)
websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Price Book

PriceBook_Get

Description Returns a gzipped UTF8 encoded byte array of Price Book Prices xml data. The data conforms to PriceBookExchange.xsd.

Parameters

Name	Type	Description
fullLoad	bool	True for all, false for incremental.
websiteCode	string	The website code. Blank if none assigned. Max length 20.
branchCode	string	The branch code. Blank for all branches for the websiteCode.
priceBookCode	string	The price book code. Blank for all price books that apply to the website/branch.
maxRows	int	The maximum number of rows to retrieve. 0 for all.
websiteUserCode	string	Usercode (see user permissions)
websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

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PriceBook_AcknowledgeGet

Description Acknowledge a batch retrieved using PriceBook_Get.

Parameters

Name	Type	Description
extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
websiteUserCode	string	Usercode (see user permissions)
websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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Sales

Sale_Insert

Description Commit one sale to EEE. This method accepts a gzipped UTF8 encoded byte array of Sale xml. The data must conform to SaleExchange.xsd and is rejected if non-conforming.

Parameters

Name	Type	Description
saleXml	byte[]	gzipped UTF8 encoded byte array
websiteUserCode	string	Usercode (see user permissions)
websitePassword	string	Password (see user permissions)

Returns bool - True on success, False otherwise.

Configuration The following settings need to be correctly configured in the EEE Configuration screen on the Comms tab.

Setting	Description
Sale_Insert_TillCode	The till to simulate when processing the sale e.g. 01. Mandatory.

Sale_Insert_WriteSaleToHostLogExportStagingFlag	True to write to Host Log. False otherwise. Mandatory.
Sale_Insert_CustomerRequired	True to ensure that a valid Customer Code is specified for the Sale. False otherwise. Mandatory.

Notes

Nilable fields are required to have the attribute: xsi:nil="true" when no value is supplied. If this attribute is not set, Sale_Insert will throw business rule violation exceptions.

Emails alert to admin on exception

Discounts

The following examples illustrate how to use the UnitSellingPrice and ExtendedDiscount values to generate the correct Tender amount.

- UnitSellingPrice - price of individual item with discount applied
- ExtendedDiscount - total discount amount for sale line

Examples:

1. An item has a retail price of \$100 and sells for \$60 (discount of \$40), only one item is sold.
 - Quantity = 1
 - UnitSellingPrice = \$60
 - ExtendedDiscountPrice = \$40
 - Tendered Amount = \$60
2. An item is returned which had a retail price of \$100 and sells for \$60 (discount of \$40), only one item is RETURNED.
 - Quantity = -1 -ve
 - UnitSellingPrice = \$60 +ve
 - ExtendedDiscountPrice = -\$40 -ve
 - Tendered Amount = \$60 -ve
3. An item has a retail price of \$100 and sells for \$60 (discount of \$40), TWO

items sold.

- Quantity = 2
 - UnitSellingPrice = \$60
 - ExtendedDiscountPrice = \$80
 - Tendered Amount = \$120
4. An item is returned which had a retail price of \$100 and sells for \$60 (discount of \$40), TWO items RETURNED.
- Quantity = -2 -ve
 - UnitSellingPrice = \$60 +ve
 - ExtendedDiscountPrice = -\$80 -ve
 - Tendered Amount = -\$120 -ve

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Sales_Insert (EEEWebserviceauth.asmx only)

Description Commits a batch of sales to EEE. This method accepts a gzipped UTF8 encoded byte array of Sales xml. The data must conform to SalesExchange.xsd and is rejected if non-conforming.

Parameters	Name	Type	Description
	saleXml	byte[]	gzipped UTF8 encoded byte array
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns Byte[] - gzipped UTF8 encoded byte array of xml data with a status for each sale insert as per the example below

```
<SaleInsertResults>
<Sale TranId="1121" Success="1" ReturnText="" />
<Sale TranId="1122" Success="0" ReturnText="A sale may not be imported if the sale
date is older than 180 days." />
</SaleInsertResults>
```

Configuration Configuration and Notes are the same as those for the [Sale_Insert](#) method above

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Sales_History

Method	Sales_History			
Latest interface version	2			
Intended Usage	Retrieves a customers sale history for sales and customer orders that have been recognised as sales (note: only lines that have been taken will appear in the sale lines for customer orders)			
Parameters	Name	Type	Max Len	Description
	customerCode	string	20	The customer code of the customer

	dateFrom string 8 Optional start date filter. Format YYYYMMDD dateTo string 8 Optional end date filter. Format YYYYMMDD websiteUserCode string 20 Usercode (see user permissions) websitePassword string 20 Password (see user permissions)
Returns	Byte[] - gzipped UTF8 encoded byte array of xml data that conforms to the Sales_History.xsd
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Sales_History xmlns="http://www.magentaretail.com.au/"> <customerCode>000002</customerCode> <dateFrom>20120701</dateFrom> <dateTo>20120801</dateTo> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>TEST</webSitePassword> </Sales_History> </soap:Body> </soap:Envelope></pre>
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Sales_HistoryResponse xmlns="http://www.magentaretail.com.au/"> <Sales_HistoryResult>H4slIAAAAAEAOy9B2AcSZYIi9tynt/SvVK1+B0oQiAYv6se2tH/EwAA//8VaT8urgkAAA==</Sales_HistoryResult> </Sales_HistoryResponse> </soap:Body> </soap:Envelope></pre>
Sample XML	<pre><History xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <Sale> <BranchCode>99</BranchCode> <SaleDate>2012-07-24T16:17:27</SaleDate> <Reference1>99990200000191</Reference1> <Reference2>9999020000085</Reference2> <WebSiteCode xsi:nil="true" /> <TotalIncTax>170.2000</TotalIncTax> <TotalDiscountIncTax>0.0000</TotalDiscountIncTax> <TotalTax>15.4700</TotalTax> <Address1>1 ItsNotUnusual St</Address1> <Address2 /> <Address3>Springwood</Address3> <Address4 /> <State>QLD</State> <PostCode>4127</PostCode> <Country /> <DeliveryAddress1>PO Box 1000</DeliveryAddress1> <DeliveryAddress2 /> <DeliveryAddress3>Springwood</DeliveryAddress3></pre>

	<pre> <DeliveryAddress4 /> <DeliveryState>QLD</DeliveryState> <DeliveryPostCode>4207</DeliveryPostCode> <CustomerOrderNumber>999902000007</CustomerOrderNumber> <SaleLine xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <SaleLine>1</SaleLine> <KitItemNumber>0</KitItemNumber> <ProductCode>100</ProductCode> <Quantity>1.000000</Quantity> <ExtendedNetAmount>85.1000</ExtendedNetAmount> <ExtendedTaxAmount>7.7400</ExtendedTaxAmount> <ExtendedDiscountAmount>0.0000</ExtendedDiscountAmount> </SaleLine> <SaleLine xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <SaleLine>2</SaleLine> <KitItemNumber>0</KitItemNumber> <ProductCode>100</ProductCode> <Quantity>1.000000</Quantity> <ExtendedNetAmount>85.1000</ExtendedNetAmount> <ExtendedTaxAmount>7.7400</ExtendedTaxAmount> <ExtendedDiscountAmount>0.0000</ExtendedDiscountAmount> </SaleLine> </Sale> </History> </pre>
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Customer Orders

CustomerOrder_Insert

Description Commit one Customer Order to EEE. This method accepts a gzipped UTF8 encoded byte array of Customer Order xml. The data must conform to CustomerOrderExchange.xsd or CustomerOrderExchangeOptional.xsd (depending on configuration below) and is rejected if non-conforming.

Parameters	Name	Type	Description
	customerOrderXml	byte[]	gzipped UTF8 encoded byte array
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, False otherwise.

Configuration The following settings need to be correctly configured in the EEE Configuration Screen on the Comms tab for this method:

Name	Configuration Setting Name	Description	Mandatory
Default Order Type	WebservicesCustomerOrderDefaultOrderType	The default order type to use for the order detail rows if the OrderType attribute is not specified in the customerOrderXml. If this is not passed in the xml and it is not configured here, it is defaulted to 'W'	N
Insert Customer orders using User	CustomerOrder_Insert_DefaultInsertionUser	The User Code to attribute the creation of the order to e.g. WEB. Mandatory .	Y
Warehouse Bin Transfer Source	CustomerOrder_Insert_BinTransferSource	If stock should be moved to a separate bin for the order, this is the transfer source e.g. MAINSTOCK. Note that both the Source and Destination settings are required to contain a value or both should be blank. Optional - leave blank/empty if stock should stay in the default bin MAINSTOCK.	N
Warehouse Bin Transfer Destination	CustomerOrder_Insert_BinTransferDestination	If stock should be moved to a separate bin for the order, this is the transfer destination e.g. WEBRESERVE. Optional - leave blank/empty if stock should stay in the default bin	N

		MAINSTOCK.	
Default Customer Category	CustomerOrder_Insert_DefaultCustomerCategory	If the Customer Code specified in the Order does not exist, EEE will create a new Customer assigned to this Customer Category e.g. WEB. Optional - leave blank/empty if no category is to be assigned.	N
Reference 2	CustomerOrder_Insert_Reference2	The Customer Order will have this note attached upon creation e.g. WEB ORDER. Optional - leave blank/empty for none.	N
Tillcode to use for Customer orders	CustomerOrder_Insert_TillCode	The till to simulate when processing the order e.g. 01. Mandatory.	Y
Customer record for customer orders must already exist	WebservicesCustomerOrderCustomerMustExist	If this option is on then the customer code specified in the customerOrderXml must already exist in EEE. The customer details do not need to be supplied in this instance. If this option is on then the xml is validated against CustomerOrderExchangeOptional.xsd	N
Customer order payment details are optional	WebservicesCustomerOrderPaymentOptional	If this option is on then the payment section of the customerOrderXml can be left out. If this option is on then the xml is validated against CustomerOrderExchangeOptional.xsd	N
Customer Orders are processed in Enabler dBase	WebservicesCustomerOrdersEnablerDbase	This option must be on if web customer orders are going to be processed in Enabler dBase. This limits customer order numbers to a maximum 12 characters	N
Get customer order status for orders marked as Web Orders only	WebservicesCustomerOrderStatusWebOrdersOnly	This option should be on if the status of web orders only are to be retrieved by the web service.	N

Notes

- Emails alert to admin on exception
- EEE will insert/update its copy of the customer record based on the existence in EEE of the customer code - which may not be blank.
- EEE will automatically assign customers imported/updated from the web site to a **configured customer category**.
- Also flag any new customer records as belonging to the **configured webstore branch**.
- Email alert on exception
- OrderTypes T, C are reserved order types and cannot be passed in using the web service

XSD and
Format Notes

- Nillable fields are required to have the attribute: xsi:nil="true" when no value is supplied. If this attribute is not set, insert will throw business rule violation exceptions.
- DiscountAmount is the Extended Discount Amount. So if 2 items are ordered on a line and the unit discount is \$3.00 the DiscountAmount should be \$6.00.

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CustomerOrderLineStatus_Get

Description Obtain updated order status information for each order line. Returns a gzipped UTF8 encoded byte array of order line xml data. Conforms to OrderStatus.xsd.

Parameters	Name	Type	Description
	fullLoad	boolean	True to get the current status for all order lines for all orders
	branchCode	string	BranchCode of the website the orders were inserted against. If empty then orders for all branches are retrieved.
	maxRows	int	Maximum number of rows you want to retrieve. Set to 0 to retrieve all rows.
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns byte[] - Returns a gzipped UTF8 encoded byte array.

Configuration	Name	Description	Default Setting
	Get customer order status for orders marked as Web Orders only	This option should be on if the status of web orders only are to be retrieved by the web service.	N

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CustomerOrderLineStatus_AcknowledgeGet

Description Acknowledge a batch retrieved using CustomerOrderLineStatus_Get.

Parameters	Name	Type	Description
	extractGuid	string	The string representation of the extractGuid for the batch to acknowledge e.g. B0619126-F9D2-47E6-8555-59E493F31585
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns bool - True on success, false otherwise

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EEE / Enabler internal Messages

Message_Insert

Method	Message_Insert			
Intended Usage	Inserts a new message into the EEE / Enabler internal notification system			
Parameters	Name	Type	Max Len	Description
	BranchCode	string	20	The branch code of the branch to send the message to. This must be a valid branch code.
	MessageSubject	string	300	The subject of the message
	MessageText	string	6500	The text of the message. NOTE: If this includes a URL the URL must be complete. E.g.: http://www.magentaretail.com.au
	websiteUserCode	string	20	Usercode (see user permissions)
	websitePassword	string	20	Password (see user permissions)
Returns	True on success of message insert, false otherwise			
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Message_Insert xmlns="http://www.magentaretail.com.au"> <BranchCode>0721</BranchCode> <MessageSubject>Test Subject</MessageSubject> <MessageText>Test Message Text</MessageText> <websiteUserCode>MWSTEST</websiteUserCode> <webSitePassword>8B4a8mOtWT</webSitePassword> </Message_Insert> </soap:Body> </soap:Envelope></pre>			

Sample Soap Response	<pre> <?xml version="1.0" encoding="utf-8"?> <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <Message_InsertResponse xmlns="http://www.magentaretail.com.au/"> <Message_InsertResult>true</Message_InsertResult> </Message_InsertResponse> </soap:Body> </soap:Envelope> </pre>
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Referral Cards

ReferralCardValidate

Description Validates a referral card and checks whether or not it can be redeemed.

Parameters	Name	Type	Description
	CardNumber	string	The referral card number
	WebsiteUserCode	string	Usercode (see user permissions)
	WebsitePassword	string	Password (see user permissions)

Returns Xml. The Allowed element dictates if the card can be redeemed. If this is false then the Reason element will detail why the card is not able to be redeemed.

E.g.

```

<ReferralCardValidateResponse>
  <Allowed>FALSE</Allowed>
  <Reason>The referral card has already been redeemed</Reason>
</ReferralCardValidateResponse>

```

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ReferralCardRedeem

Description Marks a referral card as redeemed.

Parameters	Name	Type	Description
	CardNumber	string	The referral card number

RedeemTransactionNumber	String	The transaction id that the referral card is used on. If a sale then this is the Tran Id. If a customer order then this is the Order Number.
RedeemDate	DateTime	The date of the redemption
WebsiteUserCode	string	Usercode (see <u>user permissions</u>)
WebsitePassword	string	Password (see <u>user permissions</u>)

Returns bool - True on success of redemption, false otherwise

Notes If the card is not marked as redeemed using this call, it will be marked as redeemed when the sale or customer order is inserted through the Sale_Insert or CustomerOrder_Insert methods.

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Debtors

NOTE: A debtor is a customer with the ChargeAccount flag set on.

DebtorAuthorisation

Description Checks that the transaction amount can be charged to the debtors account

Parameters	Name	Type	Description
	CustomerCode	string	The customer code of the debtor
	Amount	double	The amount of the transaction to be authorised.
	BranchCode	String	The branch code that the transaction will be applied against
	WebsiteUserCode	string	Usercode (see user permissions)
	WebsitePassword	string	Password (see user permissions)

Returns Xml. The Authorised element dictates if the authorisation was successful. If this is false then the Reason element will detail why the authorisation was refused.

E.g.

```
<DebtorAuthorisationResponse>
  <Authorised>FALSE</Authorised>
  <Reason>This customer does not have a charge account.</Reason>
</DebtorAuthorisationResponse>
```

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Gift Cards

Please note that use of the previous GiftCardService.asmx web service is no longer supported.

GiftCardBalance

Method	GiftCardBalance
Intended Usage	Checks the balance and status of a gift card (or Loyalty Gift Card)

Parameters	<table><thead><tr><th>Name</th><th>Type</th><th>Max Len</th><th>Description</th></tr></thead><tbody><tr><td>voucherNumber</td><td>string</td><td>20</td><td>The voucher / card number to check</td></tr><tr><td>requirePin</td><td>Boolean</td><td></td><td>True if the pin must be validated</td></tr><tr><td>pin</td><td>String</td><td>6</td><td>The pin assigned to the voucher</td></tr><tr><td>WebsiteUserCode</td><td>string</td><td>20</td><td>Usercode (see user permissions)</td></tr><tr><td>WebsitePassword</td><td>string</td><td>20</td><td>Password (see user permissions)</td></tr></tbody></table>	Name	Type	Max Len	Description	voucherNumber	string	20	The voucher / card number to check	requirePin	Boolean		True if the pin must be validated	pin	String	6	The pin assigned to the voucher	WebsiteUserCode	string	20	Usercode (see user permissions)	WebsitePassword	string	20	Password (see user permissions)
Name	Type	Max Len	Description																						
voucherNumber	string	20	The voucher / card number to check																						
requirePin	Boolean		True if the pin must be validated																						
pin	String	6	The pin assigned to the voucher																						
WebsiteUserCode	string	20	Usercode (see user permissions)																						
WebsitePassword	string	20	Password (see user permissions)																						
Returns	Xml that conforms to GiftCardBalance.xsd																								
Sample Soap Request	<pre><?xml version="1.0" encoding="utf-8"?><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <GiftCardBalance xmlns="http://www.magentaretail.com.au/"> <voucherNumber>GC11111111111112091</voucherNumber> <requirePin>true</requirePin> <pin>8291</pin> <WebsiteUserCode>MWSTEST</WebsiteUserCode> <WebsitePassword>TEST</WebsitePassword> </GiftCardBalance> </soap:Body> </soap:Envelope></pre>																								
Sample Soap Response	<pre><?xml version="1.0" encoding="utf-8"?><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <soap:Body> <GiftCardBalanceResponse xmlns="http://www.magentaretail.com.au/"> <GiftCardBalanceResult> &lt;VoucherStatus&gt; &lt;VoucherNumber&gt;GC11111111111112091&lt;/VoucherNumber&gt; &lt;CardValid&gt;TRUE&lt;/CardValid&gt; &lt;PinValid&gt;TRUE&lt;/PinValid&gt; &lt;Redeemable&gt;TRUE&lt;/Redeemable&gt; &lt;Balance&gt;10.0000&lt;/Balance&gt; &lt;ExpiryDate&gt;2015-01-12T00:00:00&lt;/ExpiryDate&gt; &lt;Active&gt;TRUE&lt;/Active&gt; &lt;LostStolen&gt;FALSE&lt;/LostStolen&gt; &lt;LostStolenNotes /&gt; &lt;Returned&gt;FALSE&lt;/Returned&gt; &lt;PostedToExpenses&gt;FALSE&lt;/PostedToExpenses&gt; &lt;PostedToRevenue&gt;FALSE&lt;/PostedToRevenue&gt; &lt;StatusReason /&gt; &lt;Issued&gt;TRUE&lt;/Issued&gt; &lt;/VoucherStatus&gt; </GiftCardBalanceResult> </GiftCardBalanceResponse> </soap:Body> </soap:Envelope></pre>																								

Sample XML	<pre> <VoucherStatus> <VoucherNumber>GC111111111111112091</VoucherNumber> <CardValid>TRUE</CardValid> <PinValid>TRUE</PinValid> <Redeemable>TRUE</Redeemable> <Balance>10.0000</Balance> <ExpiryDate>2015-01-12T00:00:00</ExpiryDate> <Active>TRUE</Active> <LostStolen>FALSE</LostStolen> <LostStolenNotes /> <Returned>FALSE</Returned> <PostedToExpenses>FALSE</PostedToExpenses> <PostedToRevenue>FALSE</PostedToRevenue> <StatusReason /> <Issued>TRUE</Issued> </VoucherStatus> </pre>
------------	--

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GiftCardRedeem

Description Checks that the redeemamount can be redeemed against this gift card and that the card is valid. If this is true the the redeemed amount is redeemed against the card. This method can also be used to redeem value from a loyalty gift card.

NOTE: this method should only be used for sales when the gift card is redeemed upon committing the web order and the sale is not passed to the EEE web service immediately.

Parameters	Name	Type	Description
	voucherNumber	string	The voucher number to check
	requirePin	Bool	True if the pin must be validated
	Pin	String	The pin assigned to the voucher
	redeemAmount	Double	The amount of the redemption
	redeemBranchCode	String	The branch code that the transaction will be applied against
	redeemTransactionNumber	String	The transaction id that the card is used on. For a sale this is the Tran Id.
	WebsiteUserCode	string	Usercode (see user permissions)
	WebsitePassword	string	Password (see user permissions)

Returns Xml. Note that the Balance in the xml is the balance AFTER the redemption has been

processed OR the balance BEFORE the redemption if the redemption failed.

E.g.

```
<VoucherRedemptionStatus>
  <VoucherNumber>GC100000000000070135</VoucherNumber>
  <RedeemedSuccessfully>TRUE</RedeemedSuccessfully>
  <CardValid>TRUE</CardValid>
  <PinValid>TRUE</PinValid>
  <Redeemable>TRUE</Redeemable>
  <Balance>2.5000</Balance>
  <ExpiryDate>2012-07-14T00:00:00</ExpiryDate>
  <Active>TRUE</Active>
  <LostStolen>FALSE</LostStolen>
  <LostStolenNotes />
  <Returned>FALSE</Returned>
  <PostedToExpenses>FALSE</PostedToExpenses>
  <PostedToRevenue>FALSE</PostedToRevenue>
  <StatusReason />
</VoucherRedemptionStatus>
```

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GiftCardRedeemWithDate

Description Checks that the redeemamount can be redeemed against this gift card and that the card is valid. If this is true the the redeemed amount is redeemed against the card. This method can also be used to redeem value from a loyalty gift card.

NOTE: This is the preferred web method for redeeming gift cards in Customer Orders and for Sales when the sale is passed to the EEE web service immediately.

Parameters

Name	Type	Description
voucherNumber	string	The voucher number to check
requirePin	Bool	True if the pin must be validated
pin	String	The pin assigned to the voucher
redeemAmount	Double	The amount of the redemption
redeemBranchCode	String	The branch code that the transaction will be applied against
redeemTransactionNumber	String	The transaction id that the card is used on. If a sale then this is the Tran Id. If a customer order then this is order number.
redeemTransactionDate	DateTime	The transaction date of the transaction that the card is redeemed on. This must be the same value at the transaction date supplied to the sale or customer order methods.
WebsiteUserCode	string	Usercode (see user permissions)
WebsitePassword	string	Password (see user permissions)

Returns Xml. Note that the Balance in the xml is the balance AFTER the redemption has been processed OR the balance BEFORE the redemption if the redemption failed.

E.g.

```
<VoucherRedemptionStatus>
  <VoucherNumber>GC100000000000070135</VoucherNumber>
  <RedeemedSuccessfully>TRUE</RedeemedSuccessfully>
  <CardValid>TRUE</CardValid>
  <PinValid>TRUE</PinValid>
  <Redeemable>TRUE</Redeemable>
```

```
<Balance>2.5000</Balance>
<ExpiryDate>2012-07-14T00:00:00</ExpiryDate>
<Active>TRUE</Active>
<LostStolen>FALSE</LostStolen>
<LostStolenNotes />
<Returned>FALSE</Returned>
<PostedToExpenses>FALSE</PostedToExpenses>
<PostedToRevenue>FALSE</PostedToRevenue>
<StatusReason />
</VoucherRedemptionStatus>
```

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GiftCardActivate

Description The Sale_Insert method xml now supports an activation code for physical gift cards. The activation code is generated by the web site and passed to EEE and stored against the vouchertransaction table for the gift card issue. This method activates those cards by passing in the transaction number and a valid activation code.

Parameters	Name	Type	Description
	transactionNumber	string	The transaction number of the gift card sale
	activationCode	String	The activation code for the cards (max 5 characters)
	voucherNumber	string	The voucher number to activate (optional depending on configuration)
	WebsiteUserCode	string	Usercode (see user permissions)
	WebsitePassword	string	Password (see user permissions)

Returns bool - True on success of card activation, false otherwise

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GiftCardVirtualReserve

Description Reserves a number of virtual gift cards for a transaction so they can be activated through the Sale_Insert method. This method ensures that Gift Cards exist for purchase and provides the gift card numbers to be used in the sale lines of the purchase.
Note that you can reserve multiple gift cards of the same amount (eg: 2 x \$20) in a single call, but you must use separate calls for different amounts (eg: 2 x \$20 and 1 x \$50)

Parameters	Name	Type	Description
	transactionNumber	string	The transaction number of the gift card sale
	transactionDate	datetime	The transaction date time of the gift card sale
	issueAmount	Decimal	The \$ value of each gift card requested

quantity	Int	The total number of gift cards in the transaction of the same value
WebsiteUserCode	String	Usercode (see user permissions)
WebsitePassword	string	Password (see user permissions)

Returns Byte[] - gzipped UTF8 encoded byte array of xml data containing the list of gift cards reserved for purchasing in this transaction. The xml document conforms to GiftCardVirtualReserveResult.xsd. Sample Xml:

```
<reservedVouchers>
  <voucher reference1="GF1" tranDate="2012-03-22T00:00:00"
voucherNumber="GC000000000012051959" pin="3734" amount="100.0000" />
  <voucher reference1="GF1" tranDate="2012-03-22T00:00:00"
voucherNumber="GC000000000012051967" pin="5096" amount="100.0000" />
  <voucher reference1="GF1" tranDate="2012-03-22T00:00:00"
voucherNumber="GC000000000012051975" pin="5123" amount="100.0000" />
</reservedVouchers>
```

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GiftCardVirtualReserveIssue

Description The preferred method of activation for gift cards is via the Sale_Insert method. However if sales are imported on a delay and a virtual gift card needs to be issued immediately use this method. You should still import the gift card details through Sale_Insert afterwards.

Parameters	Name	Type	Description
	transactionNumber	string	The transaction number of the gift card sale – must match the transactionNumber in the Sale_Insert
	transactionDate	datetime	The transaction date time of the gift card sale – must match the transactionDate in the Sale_Insert
	voucherNumber	string	The gift card number to issue
	branchCode	String	The branchCode the sale will be imported against
	tillNumber	String	The Till the sale will be imported against

WebsiteUserCode	String	Usercode (see user permissions)
WebsitePassword	string	Password (see user permissions)

Returns A Byte[] - gzipped UTF8 encoded byte array of xml data containing the list of gift cards reserved in this transaction and their issued status. Sample Xml:

```
<issuedVouchers>
  <voucher voucherNumber="GC000000000012051959" pin="3734" amount="100.0000"
expiryDate="2014-03-22T00:00:00" status="Issued" />
  <voucher voucherNumber="GC000000000012051960" pin="3734" amount="100.0000"
expiryDate="2014-03-22T00:00:00" status="Issued but not active" />
  <voucher voucherNumber="GC000000000012051961" pin="3734" amount="100.0000"
expiryDate="2014-03-22T00:00:00" status="Reserved and not Issued" />
</issuedVouchers>
```

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Customer Communications

CustomerCommunication_GetAvailable

Description Gets a list of available communications as configured in EEE by the user

Parameters	Name	Type	Description
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns Byte[]. GZipped stream of Xml.

E.g.

```
<AvailableCommunication xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Communication xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Id="54"
Description="Test Web Service" />
  <Communication xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Id="55"
Description="web svc" />
</AvailableCommunication>
```

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CustomerCommunication_Get

Description Gets the customer details of the customers attached to the communication

Parameters	Name	Type	Description
	communicationBatchId	Int	The Id of the communication
	communicationBatchDescription	String	The description of the communication (optional – only used if the batch id is not available)
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns Byte[]. GZipped stream of Xml.

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CustomerCommunication_AcknowledgeGet

Description Acknowledges that the customer records have been retrieved for the specified communication batch

Parameters	Name	Type	Description
	communicationBatchId	Int	The Id of the communication
	websiteUserCode	string	Usercode (see user permissions)
	websitePassword	string	Password (see user permissions)

Returns Boolean. True if acknowledgement successful

Appendix A – Exceptions

Web Method	Exception	Cause	Solution
All methods	NotLicencedException	The EEE installation is not licenced for WebSiteIntegration	Contact Magenta Support
CustomerRegistration	A customer record already exists with this email address	A customer record already exists with this email address	Email addresses must be unique in EEE.
	A customer code must be supplied when Auto-Generate Customer Numbers is not enabled in EEE	The Auto –generate customer numbers option is turned off	Turn the option on in EEE or supply data in the CustomerCode field
	The customer code cannot be blank	A customer code was not passed on a new customer and the Auto –generate customer numbers option is turned off	Turn the option on in EEE or supply data in the CustomerCode field
CustomerConfirmation CustomerConfirmationWithDetails	The supplied email id is invalid	The email id (which is a GUID) is not a valid guid.	It may be that the customer copied and pasted the confirmation link into their browser. They need to retry.
	The Email Id passed is not recognised. Confirmation was not successful	The email id was not located in the database	It may be that the customer copied and pasted the confirmation link into their browser. They need to retry.
CustomerDetails CusotmerDetailsWithParameters	An email address or loyalty card number must be supplied	An email address or loyalty card number must be supplied	Supply required details
	Either a password, date of birth, surname, postcode, phone or mobile number must be supplied for a details enquiry	Either a password, date of birth, surname, postcode, phone or mobile number must be supplied for a details enquiry	Supply required details
	Customer identity not verified. The loyalty card number or email address and at least 2 other items must be supplied correctly	Customer identity not verified. The loyalty card number or email address and at least 2 other items must be supplied correctly	Supply required details
CustomerValidateLogin	An email address or loyalty card number must be supplied		
	The email address or password supplied is invalid or the email address has not been confirmed		
	The email address supplied has not yet been confirmed		
CustomerValidateLoginOffline	A loyalty card number must be supplied		
	The loyalty card does not exist or has expired		
	Customer identity not verified. The loyalty card number and at least 2 other items must be supplied		

	correctly
CustomerForgotPassword	The email address or loyalty card number supplied is invalid
	The email address has not been verified
CustomerEmailExists	An email address is required.
CouponRedemption	A customer code is required.
	A coupon code is required.
	A promotion coupon id or a coupon code must be specified
	A valid promotion coupon must be specified. The coupon entered does not exist or has expired
CouponValid	A customer code is required.
	A coupon code is required.
CouponsAvailableToCustomer	A customer code is required.

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Appendix B – EEE Configuration Options

Web service user permissions

EEE clients can restrict access to the EEE web service by setting which methods a website can access.

Prior to enabling the configuration option “Use EEE web service user authorisation” any existing consumers of the EEE web service must have:

- 1. been issued a User code and Password (see below)**
- 2. been given access to the methods that they currently consume**
- 3. been assigned the WEBSITE codes they can access (see allowed websites below)**
- 4. implemented the use of the EEEWebServiceAuth.asmx web service and the use of the user code and password parameters on the web service methods.**

To configure EEE web service users, go to EEE->Utilities->Configuration->EEE Web Service Users

Click Add to see the screen below

Enter a user code, any applicable notes and select the methods that this user can access. If multiple website support is enabled then you must also specify which website codes this user can access.

Copy the password at this point as once it is saved it will not be re-displayed. If the password is lost by the consumer or by the EEE user then a new password must be generated using the Generate Password button

Usercode																																																																				
Password	yXOoYeVYJK	<button>Generate Password</button>																																																																		
Allowed websites																																																																				
Notes																																																																				
Authorised Methods	<table border="0"> <tbody> <tr> <td>☐ Analysis1_AcknowledgeGet</td> <td>☐ CustomerForgotPassword</td> <td>☐ Message_Insert</td> </tr> <tr> <td>☐ Analysis1_Get</td> <td>☐ CustomerLoyaltyCardDetails</td> <td>☐ Price_AcknowledgeGet</td> </tr> <tr> <td>☐ Analysis2_AcknowledgeGet</td> <td>☐ CustomerLoyaltyStatement</td> <td>☐ Price_Get</td> </tr> <tr> <td>☐ Analysis2_Get</td> <td>☐ CustomerOrder_Insert</td> <td>☐ Price_LookUp</td> </tr> <tr> <td>☐ Analysis3_AcknowledgeGet</td> <td>☐ CustomerOrderLineStatus_AcknowledgeGet</td> <td>☐ Product_AcknowledgeGet</td> </tr> <tr> <td>☐ Analysis3_Get</td> <td>☐ CustomerOrderLineStatus_Get</td> <td>☐ Product_Get</td> </tr> <tr> <td>☐ Analysis4_AcknowledgeGet</td> <td>☐ CustomerRegistration</td> <td>☐ ProductExtended_AcknowledgeGet</td> </tr> <tr> <td>☐ Analysis4_Get</td> <td>☐ CustomerValidateLogin</td> <td>☐ ProductExtended_Get</td> </tr> <tr> <td>☐ Colour_AcknowledgeGet</td> <td>☐ CustomerValidateLoginOffline</td> <td>☐ ProductImage_AcknowledgeGet</td> </tr> <tr> <td>☐ Colour_Get</td> <td>☐ EmailStatistics</td> <td>☐ ProductImage_Get</td> </tr> <tr> <td>☐ Cost_AcknowledgeGet</td> <td>☐ GetBranchList</td> <td>☐ ProductPromotion_AcknowledgeGet</td> </tr> <tr> <td>☐ Cost_Get</td> <td>☐ GetCustomDemographics</td> <td>☐ ProductPromotion_Get</td> </tr> <tr> <td>☐ CouponRedemption</td> <td>☐ GetTransactionPrices</td> <td>☐ ProductPromotionPrice_AcknowledgeGet</td> </tr> <tr> <td>☐ CouponRedemptionById</td> <td>☐ Inventory_AcknowledgeGet</td> <td>☐ ProductPromotionPrice_Get</td> </tr> <tr> <td>☐ CouponsAvailableToCustomer</td> <td>☐ Inventory_Get</td> <td>☐ RecordLaybyPayment</td> </tr> <tr> <td>☐ CouponValid</td> <td>☐ Inventory_LookUp</td> <td>☐ RetrieveLayby</td> </tr> <tr> <td>☐ CustomerConfirmation</td> <td>☐ ItemsToPromoteToCustomer</td> <td>☐ Sale_Insert</td> </tr> <tr> <td>☐ CustomerConfirmationWithDetails</td> <td>☐ LoyaltyGiftCardStatus</td> <td>☐ Size_AcknowledgeGet</td> </tr> <tr> <td>☐ CustomerDetails</td> <td>☐ LoyaltyPointsTransfer</td> <td>☐ Size_Get</td> </tr> <tr> <td>☐ CustomerDetailsByCustomerCode</td> <td>☐ MasterCustomer_AcknowledgeGet</td> <td>☐ Style_AcknowledgeGet</td> </tr> <tr> <td>☐ CustomerDetailsWithParameters</td> <td>☐ MasterCustomer_Get</td> <td>☐ Style_Get</td> </tr> <tr> <td>☐ CustomerEmailExists</td> <td></td> <td></td> </tr> </tbody> </table>		☐ Analysis1_AcknowledgeGet	☐ CustomerForgotPassword	☐ Message_Insert	☐ Analysis1_Get	☐ CustomerLoyaltyCardDetails	☐ Price_AcknowledgeGet	☐ Analysis2_AcknowledgeGet	☐ CustomerLoyaltyStatement	☐ Price_Get	☐ Analysis2_Get	☐ CustomerOrder_Insert	☐ Price_LookUp	☐ Analysis3_AcknowledgeGet	☐ CustomerOrderLineStatus_AcknowledgeGet	☐ Product_AcknowledgeGet	☐ Analysis3_Get	☐ CustomerOrderLineStatus_Get	☐ Product_Get	☐ Analysis4_AcknowledgeGet	☐ CustomerRegistration	☐ ProductExtended_AcknowledgeGet	☐ Analysis4_Get	☐ CustomerValidateLogin	☐ ProductExtended_Get	☐ Colour_AcknowledgeGet	☐ CustomerValidateLoginOffline	☐ ProductImage_AcknowledgeGet	☐ Colour_Get	☐ EmailStatistics	☐ ProductImage_Get	☐ Cost_AcknowledgeGet	☐ GetBranchList	☐ ProductPromotion_AcknowledgeGet	☐ Cost_Get	☐ GetCustomDemographics	☐ ProductPromotion_Get	☐ CouponRedemption	☐ GetTransactionPrices	☐ ProductPromotionPrice_AcknowledgeGet	☐ CouponRedemptionById	☐ Inventory_AcknowledgeGet	☐ ProductPromotionPrice_Get	☐ CouponsAvailableToCustomer	☐ Inventory_Get	☐ RecordLaybyPayment	☐ CouponValid	☐ Inventory_LookUp	☐ RetrieveLayby	☐ CustomerConfirmation	☐ ItemsToPromoteToCustomer	☐ Sale_Insert	☐ CustomerConfirmationWithDetails	☐ LoyaltyGiftCardStatus	☐ Size_AcknowledgeGet	☐ CustomerDetails	☐ LoyaltyPointsTransfer	☐ Size_Get	☐ CustomerDetailsByCustomerCode	☐ MasterCustomer_AcknowledgeGet	☐ Style_AcknowledgeGet	☐ CustomerDetailsWithParameters	☐ MasterCustomer_Get	☐ Style_Get	☐ CustomerEmailExists		
☐ Analysis1_AcknowledgeGet	☐ CustomerForgotPassword	☐ Message_Insert																																																																		
☐ Analysis1_Get	☐ CustomerLoyaltyCardDetails	☐ Price_AcknowledgeGet																																																																		
☐ Analysis2_AcknowledgeGet	☐ CustomerLoyaltyStatement	☐ Price_Get																																																																		
☐ Analysis2_Get	☐ CustomerOrder_Insert	☐ Price_LookUp																																																																		
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☐ Colour_AcknowledgeGet	☐ CustomerValidateLoginOffline	☐ ProductImage_AcknowledgeGet																																																																		
☐ Colour_Get	☐ EmailStatistics	☐ ProductImage_Get																																																																		
☐ Cost_AcknowledgeGet	☐ GetBranchList	☐ ProductPromotion_AcknowledgeGet																																																																		
☐ Cost_Get	☐ GetCustomDemographics	☐ ProductPromotion_Get																																																																		
☐ CouponRedemption	☐ GetTransactionPrices	☐ ProductPromotionPrice_AcknowledgeGet																																																																		
☐ CouponRedemptionById	☐ Inventory_AcknowledgeGet	☐ ProductPromotionPrice_Get																																																																		
☐ CouponsAvailableToCustomer	☐ Inventory_Get	☐ RecordLaybyPayment																																																																		
☐ CouponValid	☐ Inventory_LookUp	☐ RetrieveLayby																																																																		
☐ CustomerConfirmation	☐ ItemsToPromoteToCustomer	☐ Sale_Insert																																																																		
☐ CustomerConfirmationWithDetails	☐ LoyaltyGiftCardStatus	☐ Size_AcknowledgeGet																																																																		
☐ CustomerDetails	☐ LoyaltyPointsTransfer	☐ Size_Get																																																																		
☐ CustomerDetailsByCustomerCode	☐ MasterCustomer_AcknowledgeGet	☐ Style_AcknowledgeGet																																																																		
☐ CustomerDetailsWithParameters	☐ MasterCustomer_Get	☐ Style_Get																																																																		
☐ CustomerEmailExists																																																																				
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Appendix C: Demographic Questions and Demographic Responses definition

Additional demographic questions can be recorded in EEE to collect specific information from a customer.

Below details the different types of questions and how they behave.

Question Type TEXT

In a text question the user can respond with plain text.

Question format example:

```
<DemographicQuestions QuestionId="1" QuestionText="Sports" QuestionType="TEXT">
</DemographicQuestions>
```

Answer format example:

```
<DemographicQuestions QuestionId="1" Answer="This is a text answer"/>
```

Question Type DATE

In a text question the user can respond with a date. The answer is formatted YYYYMMDD.

Question format example:

```
<DemographicQuestions QuestionId="1" QuestionText="Date purchased" QuestionType="DATE">
</DemographicQuestions>
```

Answer format example:

```
<DemographicQuestions QuestionId="1" Answer="20100101"/>
```

Question Type BOOL

In a boolean question the user can respond yes or no.

Question format example:

```
<DemographicQuestions QuestionId="2" QuestionText="Has equipment" QuestionType="BOOL">
</DemographicQuestions>
```

Answer format example:

```
<DemographicQuestions QuestionId="2" Answer="true"/>
```

Question Type MLIST

In a MLIST (Multi select list) question the user can respond with one or more responses from a predefined list of responses. The list of responses is detailed in the DemographicResponses nodes within the DemographicQuestions node.

Question format example:

```
<DemographicQuestions QuestionId="9" QuestionText="Sports Played" QuestionType="MLIST" ResponseGroup="SPORTSPLAYED">
  <DemographicResponses Answer="200" AnswerText="AFL" Inactive="1" />
  <DemographicResponses Answer="201" AnswerText="Baseball" BranchCode="007" />
  <DemographicResponses Answer="202" AnswerText="Foosball " Inctive="1" BranchCode="007" />
  <DemographicResponses Answer="203" AnswerText="Football" />
  <DemographicResponses Answer="210" AnswerText="Other" />
</DemographicQuestions>
```

Answer format example:

```
<DemographicQuestions QuestionId="9" Answer="200"/>
<DemographicQuestions QuestionId="9" Answer="201"/>
```

Question Type SLIST

In a SLIST (Single select list) question the user can respond by selecting a single response from a predefined list of responses. The list of responses is detailed in the DemographicResponses nodes within the DemographicQuestions node.

Question format example:

```
<DemographicQuestions QuestionId="50" QuestionText="Sports Played" QuestionType="SLIST" ResponseGroup="SPORTSPLAYED">
  <DemographicResponses Answer="200" AnswerText="AFL" />
  <DemographicResponses Answer="201" AnswerText="Baseball" BranchCode="007" />
  <DemographicResponses Answer="202" AnswerText="Foosball " Inctive="1" BranchCode="007" />
  <DemographicResponses Answer="203" AnswerText="Football" />
</DemographicQuestions>
```

Answer format example:

```
<DemographicQuestions QuestionId="50" Answer="200"/>
```

Depends On Question types

How and when a question is displayed can be dependent on the answer the user provides to another question. This is where the DependsOnQuestionId is used.

Question format example:

```
<DemographicQuestions QuestionId="10" QuestionText="Other" QuestionType="TEXT" DependsOnQuestionId="9" DependsOnValue="Other"
DependsOnAction="SHOW" ResponseGroup="" />
```

Answer format example:

```
<DemographicQuestions QuestionId="10" Answer="Fencing"/>
```

In the example above:

- Question 10 depends on the answer to Question 9 (DependsOnQuestionId="9")
- If the answer to Question 9 includes "Other" (DependsOnValue="Other") then Question 10 is shown (DependsOnAction="SHOW").

There are 2 depends on action types.

- SHOW – show the question if the dependencies are met.
- REPEAT – repeat the question for the number of times in the DependsOnValue attribute.

Repeating Demographic Questions and Associated Answers definition

For grouped questions new responses are denoted by a negative parent id. A positive parent id will update existing answers. The parent id of existing records is returned in the [CustomerDetails](#) function.

In the example question below the repeating group question relies on the answer to question 3. In the example answer for Question 3 the Answer is 2 so there will be 2 groups of responses for question 4 and its associated questions (denoted by the parentquestionid in the example question).

Question format example:

```
<DemographicQuestions QuestionId="3" QuestionText="Number of footballs" QuestionType="NUM"/>
<DemographicQuestions QuestionId="4" QuestionText="Number of footballs" QuestionType="GROUP" DependsOnQuestionId="3" DependsOnAction="REPEAT" />
  <DemographicQuestions QuestionId="5" ParentQuestionId="4" QuestionText="Brand Name" QuestionType="TEXT" />
  <DemographicQuestions QuestionId="6" ParentQuestionId="4" QuestionText="Date of purchase" QuestionType="DATE" />
</DemographicQuestions>
```

Answer format example:

```
<DemographicQuestions QuestionId="3" Answer="2">
  <DemographicQuestions QuestionId="4" ParentId="-1" >
    <AssociatedAnswers QuestionId="5" ParentId="-1" Answer="Sherrin" />
    <AssociatedAnswers QuestionId="6" ParentId="-1" Answer="20100101" />
  </DemographicQuestions>
  <DemographicQuestions QuestionId="4" ParentId="-1" >
    <AssociatedAnswers QuestionId="5" ParentId="-1" Answer="Unknown" />
    <AssociatedAnswers QuestionId="6" ParentId="-1" Answer="20100102" />
  </DemographicQuestions>
```

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Appendix D: EEE web service interface versions

The methods in the EEE web service implement an interface version setting that is maintained in EEE against each website code. The default interface version for all methods is version 1.

To configure the interface version for web service methods go into EEE -> Location Management -> Websites (or EEE -> Utilities -> Configuration Settings if only using a single website configuration). Select the website and click Interface Version Overrides.

Associated Xml and Xsd files exist for each interface version E.g. in the Xsd.zip file there is a CustomerLoyaltyStatementv2.xsd file and in the XmlSample.zip file there is a CustomerLoyaltyStatementv2.xml.

Only interface version 1 is supported in the EEWebService.asmx (non-authorising version of the web service interface)