

Web Service Documentation

Last Updated: 4/9/2012

Version 2.3.8.6 Changes:

1. Added field for pre-populated HTML data to be passed when sending new order data. Data must be Base64 encoded. (Order Details: ReportHTML).

Version 2.3.8.2 Changes:

2. Added new methods "ShipAddressListStr" and "ShipAddressListDataSet" to retrieve shipping information for signs/posters, etc...
3. Added new fields to the "Status" methods. [FullSchedDate], [VendorAcceptDate], [ServiceReceived], [SubStatus] (Secondary order status).

These services are for clients of NVMS, Inc. and allow for data interaction from server to server in SOAP 1.1 or 1.2 standard formats.

The LIVE services can be accessed from: <http://exchange2.nvms.com/NVMSExchange.asmx>.

TESTING Services can be accessed here: <http://exchange2.nvms.com/NVMSExchangeTesting.asmx>

DEMO Services can be accessed here: <http://exchange2.nvms.com/NVMSExchangeDemo.asmx>

Methods/Schema/Fields

(Please note: Any time you request a method that has the fields "NVMSJobID" or "LineItemID", if you are not using those fields for the query, you have to enter a "0" for those arguments. Those arguments cannot be blank.)

Method: **ClientServiceDataSet**

Fields: **None** (*Client is recognized from your authentication*)

Description: This method returns a dataset of your services for use when adding new orders.

Returns: DataSet

(Example Table)

ServiceID	ServiceName	ShortName	ServiceType	Price
6	Merchant Site Inspection	MSI	Inspection-Commercial	10
48	Merchant Site Inspection (RUSH)	MSI Rush	Inspection-Commercial	10

Method: **ClientUsersDataSet**

Fields: **None** (*Client is recognized from your authentication*)

Description: This method returns a dataset of your users for use when adding new orders.

Returns: DataSet

(Example Table)

UserID	UserLevel	FullName
2332	ADMIN	User, Guest

Method: ClientServicesString**Fields: None** (*Client is recognized from your authentication*)**Description:** This method returns an xml string of your services for use when adding new orders.**Returns: XML String***(Example)*

```

<Services>
  <service ServiceID="6" ServiceName="Merchant Site Inspection" ShortName="MSI"
    ServiceType="Inspection-Commercial" Price="45.0000" />
  <service ServiceID="48" ServiceName="Merchant Site Inspection (RUSH)"
    ShortName="MSI Rush" ServiceType="Inspection-Commercial" Price="60.0000" />
</Services>

```

Method: ClientUsersString**Fields: None** (*Client is recognized from your authentication*)**Description:** This method returns an xml string of your users for use when adding new orders.**Returns: XML String***(Example)*

```

<Users>
  <User UserID="1668" UserLevel="ADMIN" FullName="User, Guest" />
</Users>

```

Method: SingleOrderStatus**Fields: FileNumber or NVMSJobID****Description:** This method returns a dataset of order status details for given FileNumber or NVMSJobID.**Returns: DataSet***(Example Row In Table)*

Field	Value
FileNumber	328737
NVMSJobID	955764
PropertyID	NULL
Status	Delivered
EntryDate	11/3/2011 0:00
PropOwner	5055 Fenwick Drive
InvoiceDate	11/12/2011 16:22
StatusBit	1
UserID	4646
ClientDueDate	11/18/2011
FullSchedDate	NULL
VendorAcceptDate	11/3/2011 17:42
ServiceReceived	11/12/2011 16:03
SubStatus	NULL

Method: LineltemOrderStatus**Fields: FileNumber, PONumber or NVMSJobID****Description:** This method returns a dataset of order status details for given FileNumber, PONumber or NVMSJobID. We also return line item details here for orders that have multiple services.**Returns: DataSet***(Example Row In Table)*

Field	Value
-------	-------

LineItemID	1040791
FileNumber	328737
NVMSJobID	955987
ServiceID	196
PONumber	1049817
PropOwner	5055 Fenwick Drive
OrderPrice	150
BalanceDue	150
OrderedBy	Catcher, Robert
UserID	11140
ShortDescrip	PCR with Lock Change
StatusBit	1
Status	Delivered
IsProblem	0
InvoiceDate	11/8/2011 22:03
FullSchedDate	NULL
ServiceReceived	11/8/2011 21:44
VendorAccept	1
SubStatus	NULL

Method: [LineItemOrderStatusStr](#)

Fields: [FileNumber](#), [PONumber](#) or [NVMSJobID](#)

Description: This method returns a dataset of order status details for given FileNumber, PONumber or NVMSJobID. We also return line item details here for orders that have multiple services. (NULL Fields are NOT returned).

Returns: XML String

(Example)

```
<OrderStatus>
  <Order LineItemID="1040568" FileNumber="328737" NVMSJobID="955764"
    ServiceID="208" PONumber="1050003" PropOwner="5055 Fenwick Drive"
    OrderPrice="50.0000" BalanceDue="50.0000" OrderedBy="McConnell, Jennifer"
    UserID="4646" ShortDescrip="Sign Placement" StatusBit="1" Status="Delivered"
    IsProblem="0" InvoiceDate="2011-11-12T16:22:00" ServiceReceived="2011-11-
    12T16:03:00" VendorAccept="1" />
  <Order LineItemID="1040791" FileNumber="328737" NVMSJobID="955987"
    ServiceID="196" PONumber="1049817" PropOwner="5055 Fenwick Drive"
    OrderPrice="150.0000" BalanceDue="150.0000" OrderedBy="Catcher, Robert"
    UserID="11140" ShortDescrip="PCR with Lock Change" StatusBit="1"
    Status="Delivered" IsProblem="0" InvoiceDate="2011-11-08T22:03:00"
    ServiceReceived="2011-11-08T21:44:00" VendorAccept="1" />
  <Order LineItemID="1060756" FileNumber="328737" NVMSJobID="975341"
    ServiceID="129" PONumber="1050898" PropOwner="5055 Fenwick Drive"
    OrderPrice="50.0000" BalanceDue="50.0000" OrderedBy="Dees, Cindy" UserID="6263"
    ShortDescrip="Public Notice" StatusBit="1" Status="Delivered" IsProblem="0"
    InvoiceDate="2011-12-04T19:48:00" ServiceReceived="2011-12-04T15:06:00"
    VendorAccept="1" />
  <Order LineItemID="1070295" FileNumber="328737" NVMSJobID="984531"
    ServiceID="185" PONumber="1050901" PropOwner="5055 Fenwick Drive"
    OrderPrice="50.0000" BalanceDue="50.0000" OrderedBy="Dees, Cindy" UserID="6263"
    ShortDescrip="Sign Check" StatusBit="0" Status="Assigned" IsProblem="0"
    VendorAccept="1" />
  <Order LineItemID="1070490" FileNumber="328737" NVMSJobID="984723"
    ServiceID="300" PONumber="1050897" PropOwner="5055 Fenwick Drive"
    OrderPrice="55.0000" BalanceDue="55.0000" OrderedBy="Dees, Cindy" UserID="6263"
```

```
ShortDescrip="Final Sign Check" StatusBit="0" Status="ClientHold" IsProblem="0"
VendorAccept="0" />
</OrderStatus>
```

Method: **ShippingAddressListStr**

Fields: FileNumber, ByDate or NVMSJobID

Description: This method returns an XML Document List of shipping address details for given FileNumber, or NVMSJobID. If you enter a date/time in “ByDate” field, the query will return a list of jobs accepted 60 min >= date/time passed.

Returns: XML String

(Example)

```
<ShippingAddress>
  <VendorOrderShipAddress OrderID="984531" cServiceID="613" FileNumber="328737"
PONumber="1050901" PropAddress="5055 Fenwick Drive" PropCity="Cumming" PropState="GA"
OrderStatus="Assigned" VendorAccept="1" VendorAcceptDate="2011-12-05T14:51:00"
Contact="Jane Ann Emmel" VendorName="Windward Express Connection, Inc." Street="2300
Bethelview Road, STE 110-109" City="CUMMING" State="GA" Zip="30040" Phone="678-409-
8914" ServiceName="Sign Check" />
  <VendorOrderShipAddress OrderID="955764" cServiceID="696" FileNumber="328737"
PONumber="1050003" PropAddress="5055 Fenwick Drive" PropCity="Cumming" PropState="GA"
OrderStatus="Delivered" VendorAccept="1" VendorAcceptDate="2011-11-03T17:42:00"
Contact="Jane Ann Emmel" VendorName="Windward Express Connection, Inc." Street="2300
Bethelview Road, STE 110-109" City="CUMMING" State="GA" Zip="30040" Phone="678-409-
8914" ServiceName="Williams Sign Placement" />
  <VendorOrderShipAddress OrderID="975341" cServiceID="477" FileNumber="328737"
PONumber="1050898" PropAddress="5055 Fenwick Drive" PropCity="Cumming" PropState="GA"
OrderStatus="Delivered" VendorAccept="1" VendorAcceptDate="2011-11-22T17:38:00"
Contact="Jane Ann Emmel" VendorName="Windward Express Connection, Inc." Street="2300
Bethelview Road, STE 110-109" City="CUMMING" State="GA" Zip="30040" Phone="678-409-
8914" ServiceName="Public Notice Placement" />
</ShippingAddress>
```

Method: **ShippingAddressListDataSet**

Fields: FileNumber, ByDate or NVMSJobID

Description: Same as above, only in DataSet format.

Method: **QueryOrderDelivery**

Fields: TimeFrame (Minutes)

Description: This method returns an XML String listing of the complete order details including the final report and the images for each service on last delivered orders for the given time frame. If you pass us a “30” we will return all the order delivered <= 30 minutes ago. Use this method to easily retrieve all newly delivered orders. Set an automated function on your server to run every X minutes.

Returns: XML String

(Example)

```
<Reports>
  <report LineItemID="54590" FileNumber="123456" NVMSJobID="40005" PONumber=""
ServiceID="6" PropOwner="Test Property" OrderPrice="10.0000"
BalanceDue="10.0000" OrderedBy="King, J Scott" ShortDescrip="MSI"
RptHeader="HTML Header" FinalReport="Complete HTML Report Here"
ClientBid="Complete HTML Bid Here">
  <attachment imageID="223038" extension="jpg" image_type="IMG" ImageNote=""
Image="Base64 Image Here..." />
</Reports>
```

```

    <attachment imageID="223039" extension="jpg" image_type="IMG" ImageNote=""
    Image="Base64 Image Here..." />
    <attachment imageID="243717" extension="jpg" image_type="IMG" ImageNote=""
    Image="Base64 Image Here...">
  </report>
</Reports>

```

Method: QueryOrder

Fields: [FileNumber](#), [PONumber](#), [LineItemID](#) or [NVMSJobID](#)

Description: This method returns an XML String of the complete order details including the final report and the images for each service on the order. If you request the “LineItemID” then that will return the single service for that order.

Returns: XML String

(Example)

```

<Reports>
  <report LineItemID="54590" FileNumber="123456" NVMSJobID="40005" PONumber=""
  ServiceID="6" PropOwner="Test Property" OrderPrice="10.0000"
  BalanceDue="10.0000" OrderedBy="King, J Scott" ShortDescrip="MSI"
  RptHeader="HTML Header" FinalReport="Complete HTML Report Here"
  ClientBid="Complete HTML Bid Here">
    <attachment imageID="223038" extension="jpg" image_type="IMG" ImageNote=""
    Image="Base64 Image Here..." />
    <attachment imageID="223039" extension="jpg" image_type="IMG" ImageNote=""
    Image="Base64 Image Here..." />
    <attachment imageID="243717" extension="jpg" image_type="IMG" ImageNote=""
    Image="Base64 Image Here...">
  </report>
</Reports>

```

Method: QueryReport

Fields: [FileNumber](#), [PONumber](#), [LineItemID](#) or [NVMSJobID](#)

Description: This method returns an XML String of the complete order details of the final report only for each service on the order. If you request the “LineItemID” then that will return the single service for that order.

Returns: XML String

(Example)

```

<Reports>
  <report LineItemID="54590" FileNumber="123456" NVMSJobID="40005" PONumber=""
  ServiceID="6" PropOwner="Test Property" OrderPrice="10.0000"
  BalanceDue="10.0000" OrderedBy="King, J Scott" ShortDescrip="MSI"
  RptHeader="HTML Header" FinalReport="Complete HTML Report Here"
  ClientBid="Complete HTML Bid Here">
  </report>
</Reports>

```

Method: QueryImages

Fields: [FileNumber](#), [PONumber](#), [LineItemID](#) or [NVMSJobID](#)

Description: This method returns an XML String of the complete order details for the images only for each service on the order. If you request the “LineItemID” then that will return the single service for that order.

Returns: XML String

(Example)

```

<Attachments>
  <attachment NVMSJobID="40005" FileNumber="123456" imageID="223038"
  image_type="IMG" ImageNote="" extension="jpg" image="Base64 Image Here..." />
  <attachment NVMSJobID="40005" FileNumber="123456" imageID="223039"
  image_type="IMG" ImageNote="" extension="jpg" image="Base64 Image Here..." />
  <attachment NVMSJobID="40005" FileNumber="123456" imageID="243717"
  image_type="IMG" ImageNote="" extension="jpg" image="Base64 Image Here..." />
</Attachments>

```

Method: QueryReport**Fields: FileNumber, PONumber, LineItemID or NVMSJobID****Description:** This method returns an XML String of the complete order details of the final report only for each service on the order. If you request the "LineItemID" then that will return the single service for that order.**Returns: XML String***(Example)*

```
<Reports>
  <report LineItemID="54590" FileNumber="123456" NVMSJobID="40005" PONumber=""
    ServiceID="6" PropOwner="Test Property" OrderPrice="10.0000"
    BalanceDue="10.0000" OrderedBy="King, J Scott" ShortDescrip="MSI"
    RptHeader="HTML Header" FinalReport="Complete HTML Report Here"
    ClientBid="Complete HTML Bid Here">
  </report>
</Reports>
```

Method: RetrieveOrderPDF**Fields: FileNumber or NVMSJobID****Description:** This returns report in PDF (Base64) format for passed NVMSJobID or Client FileNumber only... All images and report for complete order in one PDF file. >> In XML format**Returns: XML String***(Example)*

```
<RetrieveOrderPDFResponse xmlns="http://exchange2.nvms.com">
  <RetrieveOrderPDFResult>
    <![CDATA[
  <PDFReport>
    <NVMSJobID>262929</NVMSJobID>
    <FileNumber>90911914153</FileNumber>
    <BatchID />
    <EntryDate>4/26/2011 12:00:00 AM</EntryDate>
    <PropOwner>1310 Ferrero Dr</PropOwner>
    <PropAddress>1310 Ferrero Dr</PropAddress>
    <InvoiceTotal>30.0000</InvoiceTotal>
    <InvoiceDate>4/26/2011 1:54:00 PM</InvoiceDate>
    <Services>Drive By Exterior</Services>
    <Report>CnN0YXJ0eHJlZg0KMTg0DQolJUVPRg0K... Base64</Report>
  </PDFReport>]]>
  </RetrieveOrderPDFResult>
</RetrieveOrderPDFResponse>
```

Method: QueryCollectionData**Fields: FileNumber, PONumber, LineItemID or NVMSJobID****Description:** This method returns an XML String of the complete order for the client's custom report collection data for each service on the order (The data in the "report" element will be different for every client). If you request the "LineItemID" then that will return the single service for that order.**Returns: XML String***(Example)*

```
<WS_ReportCollectionData LineItemID="123456" NVMSJobID="987654"
FileNumber="1041650810114" PONumber="NA" PropOwner="ROSE M JARVIS" PropAddress="106
RIVERBIRCH LN" ServiceStatus="1" ClientID="25">
  <DataFields>
    <!--Report saved: 4/27/2011 8:23:43 AM by: WendyW-->
    <report>
      <StreetVisible>Yes</StreetVisible>
      <Vacant>No</Vacant>
      <Salesign>No</Salesign>
      <RentSign>No</RentSign>
      <ExtCondition>VeryGood</ExtCondition>
```

```

<ComparedCondition>Similar</ComparedCondition>
<DeferredMaintenance>NA</DeferredMaintenance>
<UnderConstruction>No</UnderConstruction>
<SafetyIssues>No</SafetyIssues>
<NaturalDisaster>No</NaturalDisaster>
<PropertyLocation>Suburban</PropertyLocation>
<PropertyUse>SingleFamilyResidence</PropertyUse>
<Nonresidential>No</Nonresidential>
<Outbuildings>NA</Outbuildings>
<Garage>Yes</Garage>
<Carport>No</Carport>
<Capacity>2</Capacity>
<AdverseFactors>NA</AdverseFactors>
<PositiveFactors>NA</PositiveFactors>
<PropertyType>SFR</PropertyType>
<PropertyTypeStory>1Story</PropertyTypeStory>
<HomeFront>Yes</HomeFront>
<AddressPhoto>Yes</AddressPhoto>
<StreetScene>Yes</StreetScene>
<FieldRepName>Crew Innovations, Inc</FieldRepName>
</report>
</DataFields>
</WS_ReportCollectionData>

```

Method: QueryCollectionDataImages

Fields: FileNumber, PONumber, LineItemID or NVMSJobID

Description: This method returns an XML String of the complete order for the client’s custom report collection data for each service on the order and the images in Base64. (The data in the “report” element will be different for every client). If you request the “LineItemID” then that will return the single service for that order.

Returns: XML String

(Example)

```

<Reports>
  <report LineItemID="123456" NVMSJobID="987654" FileNumber="1041650810114" PONumber="NA" PropOwner="ROSE M JARVIS" PropAddress="106 RIVERBIRCH LN" ServiceStatus="1" ClientID="25">
    <DataCapture>
      <!--Report saved: 4/27/2011 8:23:43 AM by: WendyW-->
      <report>
        <StreetVisible>Yes</StreetVisible>
        <Vacant>No</Vacant>
        <SaleSign>No</SaleSign>
        <RentSign>No</RentSign>
        <ExtCondition>VeryGood</ExtCondition>
        <ComparedCondition>Similar</ComparedCondition>
        <DeferredMaintenance>NA</DeferredMaintenance>
        <UnderConstruction>No</UnderConstruction>
        <SafetyIssues>No</SafetyIssues>
        <NaturalDisaster>No</NaturalDisaster>
        <PropertyLocation>Suburban</PropertyLocation>
        <PropertyUse>SingleFamilyResidence</PropertyUse>
        <Nonresidential>No</Nonresidential>
        <Outbuildings>NA</Outbuildings>
        <Garage>Yes</Garage>
        <Carport>No</Carport>
        <Capacity>2</Capacity>
        <AdverseFactors>NA</AdverseFactors>
        <PositiveFactors>NA</PositiveFactors>
        <PropertyType>SFR</PropertyType>
        <PropertyTypeStory>1Story</PropertyTypeStory>
        <HomeFront>Yes</HomeFront>
        <AddressPhoto>Yes</AddressPhoto>
        <StreetScene>Yes</StreetScene>
        <FieldRepName>Crew Innovations, Inc</FieldRepName>
      </report>
    </DataCapture>
    <attachment imageID="10772076" extension="jpg" image_type="IMG" Keyed="0" ImageNote="" Image="Base64" />
    <attachment imageID="10772077" extension="jpg" image_type="IMG" Keyed="0" ImageNote="" Image="Base64" />
    <attachment imageID="10772086" extension="jpg" image_type="IMG" Keyed="0" ImageNote="" Image="Base64" />
  </report>
</Reports>

```

```

<attachment imageID="10772088" extension="jpg" image_type="IMG" Keyed="0" ImageNote="" Image="Base64" />
<attachment imageID="10772250" extension="pdf" image_type="DOC" Keyed="0" ImageNote="" Image="Base64" />
<attachment imageID="10772252" extension="pdf" image_type="DOC" Keyed="0" ImageNote="" Image="Base64" />
</report>
</Reports>

```

Method: FullNVMSDataService

Fields: NVMSJobID

Description: This method returns an XML String of the complete order for the client’s custom report collection data for each service on the order, PDF of final report and the images in Base64. (The data in the “report” element will be different for every client).

Returns: XML String

(Example)

```

<Reports xmlns="">
  <report NVMSJobID="335414" LineItemID="400388" FileNumber="78946515B" PropertyID="Property98132ID"
  PONumber="P0983210" PropAddress="12221 Goodland Ct" PropCity="Manassas" PropState="VA" PropZip="20112"
  OrderStatus="Delivered" ServiceName="Ext Property Inspection">
    <DataCapture>
      <!--Report saved: 6/29/2011 5:40:53 PM by: scott.king-->
      <report>
        <StreetVisible>No</StreetVisible>
        <Vacant>No</Vacant>
        <RentSign>No</RentSign>
        <ExtCondition>Average</ExtCondition>
        <ComparedCondition>SlightlySuperior</ComparedCondition>
        <UnderConstruction>No</UnderConstruction>
        <SafetyIssues>No</SafetyIssues>
        <NaturalDisaster>No</NaturalDisaster>
        <PropertyLocation>Suburban</PropertyLocation>
        <PropertyUse>Condominium</PropertyUse>
        <Nonresidential>Yes</Nonresidential>
        <Outbuildings>Other</Outbuildings>
        <Garage>Yes</Garage>
        <Carport>Yes</Carport>
        <Capacity>2</Capacity>
        <AdverseFactors>Landfill</AdverseFactors>
        <PositiveFactors>MarinaAccess</PositiveFactors>
        <PropertyType>NA</PropertyType>
        <HomeFront>Yes</HomeFront>
        <AddressPhoto>Yes</AddressPhoto>
        <StreetScene>Yes</StreetScene>
        <NonresidentialComment>Test</NonresidentialComment>
        <OutbuildingsComment>Test</OutbuildingsComment>
        <PositiveFactorsComment>Test</PositiveFactorsComment>
        <AnyComments>These are some test comments here...</AnyComments>
        <FieldRepName>PATRIOT INSPECTIONS</FieldRepName>
      </report>
    </DataCapture>
    <attachment imageID="1963" extension="jpg" image_type="IMG" Keyed="0" ImageNote="" Image="Base64" />
    <attachment imageID="1964" extension="jpg" image_type="IMG" Keyed="0" ImageNote="" Image="Base64" />
    <attachment imageID="1965" extension="jpg" image_type="IMG" Keyed="0" ImageNote="" Image="Base64" />
    <attachment imageID="1966" extension="jpg" image_type="IMG" Keyed="0" ImageNote="" Image="Base64" />
  </report>
  <PDFReport>Base64</PDFReport>
</Reports>

```

Example in (VB) Using the FullNVMSDataService method along with checking the status

Try

```

'Set Client Credentials (SOAP Header)
Dim se As New ServiceExchange
se.MyKey.NVMSKey = Me.NVMSClientKey()
se.LiveExchange.NVMSCredentialsValue = se.MyKey

Using rs As IDataReader = db.ExecuteReader(dbCommand)
  While rs.Read
    'First Get The Order Status Of This Order //////////////////////////////////////
    Dim CheckOrder As Integer = rs("NVMSJobID")
  End While
End Using

```



```

Dim ds As DataSet = se.LiveExchange.SingleOrderStatus("", CheckOrder)
Dim StatusNow As String = ds.Tables(0).Rows(0).Item("Status").ToString
Dim ele As String = ""

'Log Message //////////////////////////////////////
LogMsg = "[" & rs("FileNumber").ToString & "] Job Status Check: " & StatusNow
AppLogging.WriteTableLog(CheckOrder, LogMsg)

If StatusNow = "Delivered" Then
    'Get Collection Data And Images //////////////////////////////////////
    Dim xdoc As XmlDocument = New XmlDocument
    xdoc.LoadXml(se.LiveExchange.FullNVMSDataService(CheckOrder).OuterXml)
    Dim reader As XmlTextReader = New XmlTextReader(xdoc.OuterXml, XmlNodeType.Document, Nothing)
    Dim xData As New NVMSOrderResults_Class

    While reader.Read()
        If reader.NodeType = XmlNodeType.Element Then
            ele = reader.Name

            Select Case ele
                Case "report"
                    If reader.HasAttributes Then
                        For i = 0 To reader.AttributeCount - 1
                            reader.MoveToAttribute(i)
                            With xData
                                .NVMSJobID = CheckOrder
                                .LineItemID = reader.GetAttribute("LineItemID")
                                .FileNumber = reader.GetAttribute("FileNumber")
                                .PropertyID = reader.GetAttribute("PropertyID")
                                .PropAddress = reader.GetAttribute("PropAddress")
                                .PropCity = reader.GetAttribute("PropCity")
                                .PropState = reader.GetAttribute("PropState")
                                .PropZip = reader.GetAttribute("PropZip")
                                .Service = reader.GetAttribute("ServiceName")
                            End With
                        Next
                    End If
                Case "DataCapture"
                    xData.DataCollection = reader.ReadInnerXml
                Case "attachment"
                    Dim xDataImg As New NVMSOrderResults_Images_Class
                    If reader.HasAttributes Then
                        For i = 0 To reader.AttributeCount - 1
                            reader.MoveToAttribute(i)

                            Dim myImage As Byte() =
                                ConvertImageFromBase64(reader.GetAttribute("Image"))

                            With xDataImg
                                .NVMSJobID = CheckOrder
                                .NVMSImageRef = reader.GetAttribute("imageID")
                                .FileNumber = rs("FileNumber").ToString
                                .ImageDescription = reader.GetAttribute("ImageNote")
                                .ImageType = reader.GetAttribute("extension")
                                .ImageFile = myImage
                            End With
                        Next
                    End If
                    Process_NVMSOrderResults_Images(xDataImg) 'Save Images To DB
                End Select

            ElseIf reader.NodeType = XmlNodeType.Text Then
                If ele = "PDFReport" Then
                    xData.PDFReport = ConvertImageFromBase64(reader.Value)
                End If
            End If

            If x = 10 Then
                x = 0
                'Save Order Results //////////////////////////////////////
                Process_NVMSOrderResults(xData)
            End If

            x += 1
            LogDebug.Append("Row: " & x & " Element: " & reader.Name & " Attributes: " &
                reader.HasAttributes.ToString & " Value: " & Left(reader.Value, 100))
        End If
    End While
End If

```

```

        End While

        'Record Successful Delivery //////////////////////////////////////
        LogMsg = vbCrLf & "[" & rs("FileNumber").ToString & "]" Job Successfully Received: " &
StatusNow

        LogDebug.Append(LogMsg)
        AppLogging.WriteLineLog(CheckOrder, LogDebug.ToString)
    End If

    ' End Get Order Status //////////////////////////////////////
End While
End Using
Catch ex As Exception
    Me.IsError = True
    Me.ErrorMessage = "Error Getting Orders: " & ex.Message.ToString
End Try

```

Method: **AddNewOrder**

Fields: (See Below)

Description: This is the method used to insert a new order into the NVMS order system. An order may be inserted by accessing the Order class from a proxy connection like in .NET or by submitting a SOAP request.

Returns: XML String :

```

<NewOrderResult>
    <NVMSJobID>[NewJobID]</NVMSJobID>
    <Message>New NVMS Order Created Successfully</Message>
    <ServiceCount>[ServiceCount]</ServiceCount>
</NewOrderResult>

```

(Order Fields – SOAP XML Format)

```

<OrderData>
    <OrderID>int</OrderID>
    <UserID>int</UserID>
    <PONumber>string</PONumber>
    <dbName>string</dbName>
    <FileNumber>string</FileNumber>
    <PropertyID>string</PropertyID>
    <PropOwner>string</PropOwner>
    <PropAddress>string</PropAddress>
    <PropCity>string</PropCity>
    <PropState>string</PropState>
    <PropZip>string</PropZip>
    <PropDesc>string</PropDesc>
    <mobYear>string</mobYear>
    <mobMake>string</mobMake>
    <mobModel>string</mobModel>
    <mobSerial>string</mobSerial>
    <mobLength>string</mobLength>
    <mobWidth>string</mobWidth>
    <mobColor>string</mobColor>
    <UnitType>string</UnitType>
    <UnitCount>string</UnitCount>
    <HUD>string</HUD>
    <AccContact>string</AccContact>
    <AccMobile>string</AccMobile>
    <AccFax>string</AccFax>
    <AccHome>string</AccHome>
    <AccWork>string</AccWork>
    <AccEmail>string</AccEmail>
    <AccWeb>string</AccWeb>
    <OtherData>string</OtherData>
    <RushStatus>int</RushStatus>
    <AuctionDate>string</AuctionDate>
    <Notes>string</Notes>
    <CallbackReference>string</CallbackReference>

```

```

<ClientHoldDate>string</ClientHoldDate>
<OrderDetails>
  <OrderID>int</OrderID>
  <ServiceID>int</ServiceID>
  <PONumber>string</PONumber>
  <OrderPrice>string</OrderPrice>
</OrderDetails>
<OrderDetails>
  <OrderID>int</OrderID>
  <ServiceID>int</ServiceID>
  <PONumber>string</PONumber>
  <OrderPrice>string</OrderPrice>
  <ReportHTML>Base64 Encoded string</ReportHTML>
</OrderDetails>
</OrderData>

```

(Order Fields – Grid)

Order Header Fields

Field	Description	Field Type	Required
OrderID	Temporary order index starting with 1	Int	Yes
UserID	UserID of person submitting the order can be retrieved using ClientUsersDataSet or ClientUsersString methods	Int	Yes
AccContact	Property or business contact full name.	String	Yes
FileNumber	Your unique identifying number for this order.	String	Yes
PropAddress	Property or Business address	String	Yes
PropCity	City name.	String	Yes
PropOwner	Property or Business owner name.	String	Yes
PropState	State abbreviation.	String	Yes
PropZip	5 digit zip code.	String	Yes
RushStatus	An integer representing the rush type 0 for none, 1 for regular rush and 2 for priority rush.	TinyInt	Yes
AccEmail	Property or business contact email address.	String	No
AccFax	Property or business contact fax number. Format: 703-555-1212	String	No
AccHome	Property or business contact home phone number. Format: 703-555-1212	String	No
AccMobile	Property or business contact mobile/cell number. Format: 703-555-1212	String	No
AccWork	Property or business contact work phone number. Format: 703-555-1212	String	No
AuctionDate	Date of auction if applicable.	String	No
ClientHoldDate	If you wish to submit this order now but wait to have it processed, enter that wait to date here.	String	No
dbaName	Sales Rep or Company name other than your current client name.	String	No
HUD	HUD number if applicable.	String	No
mobColor	Mobile Home color if applicable.	String	No
mobLength	Mobile Home length if applicable.	String	No
mobMake	Mobile Home make if applicable.	String	No
mobModel	Mobile Home model if applicable.	String	No
mobSerial	Mobile Home serial number if applicable.	String	No
mobWidth	Mobile Home width if applicable.	String	No
mobYear	Mobile Home year if applicable.	String	No
Notes	Any pertinent notes or directions go here.	String	No
OtherData	An xml formatted string with other client specific data fields	String	No
PONumber	Your PO number if applicable.	String	No

PropDesc	Property or Business description.	String	No
UnitCount	The number of units (A duplex for example)	String	No
UnitType	The type of mobile home unit.	String	No
PropertyID	(Included for later use)	String	N/A
CallbackReference	Use this field to send us a URL of the request to make once the order is delivered from our system.	String	No

Service Fields

Field	Description	Field Type	Required
OrderID	Matching OrderID you used for the Order Header	Int	Yes
ServiceID	Unique client ServiceID can be retrieved using ClientServiceDataSet or ClientServicesString methods	Int	Yes
PONumber	Your service specific PO number if applicable.	String	No
OrderPrice	Your service price if not customary.	String	No
ReportHTML	Base64 encoded HTML data string	String	No

Insert Order Example (VB)

```
Protected Sub InsertNewOrders(ByVal sender As Object, ByVal e As System.EventArgs)
Handles Button7.Click
    Dim proxy As New localhost.NVMSEExchangeTesting()
    Dim oClass As New localhost.OrderHeaders

    '***** Login Credentials (Uncomment For Live Services) No Key needed for
    NVMSEExchangeTesting
    'Dim MyKey As New localhost.NVMSCredentials
    'MyKey.NVMSKey = "YOURKEYHERE"
    'proxy.NVMSCredentialsValue = MyKey

    Dim retStr As String = ""

    Try
        'Build Order Header Information (Required Fields)
        'oClass.UserIDSpecified = True
        oClass.OrderID = 1
        oClass.UserID = 4651
        oClass.FileNumber = "YourOrderIdentity"
        oClass.PropOwner = "Property Owner Here"
        oClass.PropAddress = "1234 New Order Street"
        oClass.PropCity = "Fairfax"
        oClass.PropState = "VA"
        oClass.PropZip = "22102"
        oClass.RushStatus = 0

        'Define Array Of Detail Items (Declare the size of the array here...)
        Dim DetArray(2) As localhost.OrderDetails

        'Now add your order detail items (1st Service Line)
        Dim Details1 As New localhost.OrderDetails
        'Details1.ServiceIDSpecified = True
        Details1.ServiceID = 2
        Details1.OrderID = 1
        Details1.PONumber = "29838"

        'Add to my array
        DetArray(0) = Details1
    End Try
End Sub
```

```

'Now add your order detail items (2nd Service Line)
Dim Details2 As New localhost.OrderDetails
Details2.ServiceID = 4
Details2.OrderID = 1
Details2.PONumber = "294238"
'Add to my array
DetArray(1) = Details2

'Add Details Array to the OrderHeaders Collection
oClass.OrderDetails = DetArray

'Call the AddNewOrder method to add your new order.
retStr = proxy.AddNewOrder(oClass)

Catch ex As Exception
    ErrMsg.Text = ex.Message.ToString
End Try

responsebox.Text = retStr

End Sub

```

Insert Order Example (C#)

```

protected void InsertNewOrders(object sender, System.EventArgs e)
{
    localhost.NVMSExchangeTesting proxy = new localhost.NVMSExchangeTesting();
    localhost.OrderHeaders oClass = new localhost.OrderHeaders();

    string retStr = "";

    try {
        //Build Order Header Information (Required Fields)
        //oClass.UserIDSpecified = True
        oClass.OrderID = 1;
        oClass.UserID = 4651;
        oClass.FileName = "YourOrderIdentity";
        oClass.PropOwner = "Property Owner Here";
        oClass.PropAddress = "1234 New Order Street";
        oClass.PropCity = "Fairfax";
        oClass.PropState = "VA";
        oClass.PropZip = "22102";
        oClass.RushStatus = 0;

        //Define Array Of Detail Items (Declare the size of the array here...)
        localhost.OrderDetails[] DetArray = new localhost.OrderDetails[3];

        //Now add your order detail items (1st Service Line)
        localhost.OrderDetails Details1 = new localhost.OrderDetails();
        //Details1.ServiceIDSpecified = True
        Details1.ServiceID = 2;
        Details1.OrderID = 1;
        Details1.PONumber = "29838";

        //Add to my array
        DetArray(0) = Details1;

        //Now add your order detail items (2nd Service Line)
        localhost.OrderDetails Details2 = new localhost.OrderDetails();
        Details2.ServiceID = 4;
        Details2.OrderID = 1;
        Details2.PONumber = "294238";
        //Add to my array
    }
}

```

```
DetArray(1) = Details2;

//Add Details Array to the OrderHeaders Collection
oClass.OrderDetails = DetArray;

//Call the AddNewOrder method to add your new order.
retStr = proxy.AddNewOrder(oClass);
}

catch (Exception ex) {
    ErrMsg.Text = ex.Message.ToString;
}

responsebox.Text = retStr;
}
```

Method: CancelOrderRequest

Fields: NVMSJobID (required) , CancelNote

Description: This method requests the cancellation of an order by passing the NVMSJobID and a note explaining the cancellation. The job is not immediately cancelled... It is put into a queue where it will be cancelled if no work has yet been done.

Returns: Boolean (TRUE) if request created successfully. (FALSE) if not.