

Trafsys WebSalesPublish Site

Trafsys VisiCount portal users can have their sales and transaction information posted to our site using the WebSalesPublish site at <https://portal.trafnet.com/websalespublish/Publish.aspx>. Users will only be able to import data to sites they have permissions to. Permissions are determined from login information sent in the xml document.

The site will accept xml data in the following format:

```
<?xml version="1.0"?>
  <Publish ID="salesimport@yourdomain.com" Pwd="12345">
    <SaleTrans>
      <SiteCode>001</SiteCode>
      <DateData>01/23/2006</DateData>
      <Hour>11</Hour>
      <Sales>1043.65</Sales>
      <Trans>5</Trans>
    </SaleTrans>
    <SaleTrans>
      <SiteCode>001</SiteCode>
      <DateData>01/23/2006</DateData>
      <Hour>12</Hour>
      <Sales>1546.72</Sales>
      <Trans>6</Trans>
    </SaleTrans>
    <SaleTrans>
      <SiteCode>001</SiteCode>
      <DateData>01/23/2006</DateData>
      <Hour>13</Hour>
      <Sales>2872.12</Sales>
      <Trans>8</Trans>
    </SaleTrans>
  </Publish>
```

The Publish element has two attributes, ID and Pwd. These are the user ID and password assigned to you for importing sales and transaction information.

The Publish element can contain multiple SalesTrans elements. Each SalesTrans element represents an hourly total of sales and transactions for a single site. The fields are as follows:

SiteCode: A unique alphanumeric identifier for each site or store. This is used as a key between your POS system and the VisiCount database.

DateData: The date when the sales/transactions occurred.

Hour: An integer value for the hour in which the sales/transactions occurred. This can be a value from 1 to 24.

Sales: A decimal number representing the total sales for the hour.

Transactions: An integer value representing the total number of transactions for the hour.

Posting the XML Data

The WebSalesPublish site accepts posted xml documents in the format described above and will respond with a message indicating either the task was successful or an error has occurred.

If you are using vb.net to publish to the site, here is some sample code that will help:

```
Private Sub PublishFile()  
    Dim req As System.Net.WebRequest = Nothing  
    Dim rsp As System.Net.WebResponse = Nothing  
    Try  
        'The path to the source xml file  
        Dim fileName As String = "C:\VisiCount\Test.xml"  
  
        'The URL path to the Trafsys WebSalesPublish site  
        Dim uri As String = "  
https://portal.trafnet.com/websalespublish/Publish.aspx"  
        req = System.Net.WebRequest.Create(uri)  
  
        req.Method = "POST"  
        req.ContentType = "text/xml"  
  
        'Wrap the request stream with a text-based writer  
        Dim writer As New IO.StreamWriter(req.GetRequestStream())  
        'write the xml text into the stream  
        writer.WriteLine(GetTextFromXMLFile(fileName))  
        writer.Close()  
  
        'Send the data to the web server  
        rsp = req.GetResponse  
  
        'Read the response stream  
        Dim reader As New IO.StreamReader(rsp.GetResponseStream())  
  
        'Write the response to the browser  
        Response.Write(reader.ReadToEnd())  
  
    Catch webex As System.Net.WebException  
  
        Response.Write(webex.Message)  
    Catch ex As Exception  
  
        Response.Write(ex.Message)
```

```

        Finally
            If Not req Is Nothing Then
                req.GetRequestStream.Close()
            End If
            If Not rsp Is Nothing Then
                rsp.GetResponseStream.Close()
            End If
        End Try
    End Sub

    Private Function GetTextFromXMLFile(ByVal filename As String) As
String
        Dim reader As IO.StreamReader = New IO.StreamReader(filename)
        Dim ret As String = reader.ReadToEnd
        reader.Close()
        Return ret
    End Function

```

The response you receive from the preceding code will look something like this:

```

<?xml version="1.0"?>
<ErrorList>
  <Success>Success</Success>
</ErrorList>

```

The Success message indicates that the xml data was processed without error. If there had been an error you would receive something like the following:

```

<?xml version="1.0"?>
<ErrorList>
  <Failure>Invalid login attempt.</Failure>
</ErrorList>

```

Verifying the Data

You can check the sales information on the Trafsys Web Portal at <https://portal.trafnet.com> . Login with your supplied user ID and password and go to the Sales Entry application. Select the site and date of the sales/transaction data and you will be able to see the hourly information as it exists in the database.