Provider Monthly Report Attachment API

Purpose

In order to give providers the ability to send reports to DCS electronically we have added a method to our attachment API named "SendMonthlyReport".

Getting Set Up and Testing

Each provider planning on using the API will need to contact DCS through our help desk at https://stateofindiana.zendesk.com with their vendor ID (STXXXXX) to request a unique token which is required in the header of each request. In the request please put "Attachment API token" in the title so that the request is routed to the proper team. Any questions or problems using the API should be addressed to the help desk. Testing can be done in our QA URL https://magik.qaws.dcs.in.gov/Attachment.svc/api/v1/attachments. You can then verify the upload by logging into KidTraks QA at https://magik.qa.dcs.in.gov. This site is very close to production so all logins and functionality for KidTraks should work the same. We will be deploying the new method to production at https://magikws.dcs.in.gov/Attachment.svc/api/v1/attachments on 8/26/2019. The provider will use the same security token in production.

Method Usage

All calls to the API require that a security token be added to the header of each request.

Parameter explanation:

vendor_id – The provider's identifier as provided by DCS.

case_id – The case the provider is reporting on. This attribute is verified to insure the provider has performed services on the case.

Buid – This represents the billable unit ID for the service on the referral.

Doc_type – This represents the document type being sent to the method. This allows the API to support other document types in the future. The API expects "Monthly Report".

Sample C# .Net code

```csharp
    // goto https://magik.qaws.dcs.in.gov/attachment.svc/help for help
    private bool SendMonthlyReport(string vendor_id, string case_id, string buid, string doc_type, string file_name)
    {
        bool result = false;
        try
        {

            doc_type = "Monthly Report";

            string baseURI = "https://magik.qaws.dcs.in.gov/Attachment.svc/api/v1/attachments";
            string requestUrl = string.Format("{0}/ProviderUpload/{1}/{2}/{3}/{4}/{5}", baseURI, vendor_id, file_name, case_id, buid, doc_type);

            WebRequest request = WebRequest.Create(requestUrl);
```

```csharp
            // Provider security token must exist in the header
            request.Headers.Add("Api_token", "377A40E1-217A-4292-A139-EC8386A414A8AABBB18D-377A-4C76-
AF50-E43B48BDDE5B");
            request.Method = "POST";
            request.ContentType = "application//octet-stream";

            //Provider will need to define path of file to upload
            string tmpFile = @"C:\FileUploadClient\" + file_name;

            byte[] fileToSend = FileToByteArray(tmpFile);
            request.ContentLength = fileToSend.Length;

            using (Stream requestStream = request.GetRequestStream())
            {
               // Send the file as body request.
               requestStream.Write(fileToSend, 0, fileToSend.Length);
               requestStream.Close();
            }


            using (HttpWebResponse response = (HttpWebResponse)request.GetResponse())
                Console.WriteLine("HTTP/{0} {1} {2}", response.ProtocolVersion, (int)response.StatusCode,
response.StatusDescription);

            result = true;
            return result;
         }
         catch (Exception)
         {
            return result;
            throw;
         }



      }

      private byte[] FileToByteArray(string fileName)
      {
         byte[] fileData = null;

         using (FileStream fs = File.OpenRead(fileName))
         {
            var binaryReader = new BinaryReader(fs);
            fileData = binaryReader.ReadBytes((int)fs.Length);
         }
         return fileData;
      }
   }
```