

## Fastrax Network – Xml Web Services Application Integration

### Overview:

Fastrax is a transaction processing system that processes background verification requests for employers and designated agents.

This document describes the interface for Client-oriented, Xml Web Service access methods of the Fastrax Network, a subsystem of the Fastrax Online System.

A Web Service is a piece of executable code running on a Web server with a special interface that makes it available for access by other programs through the Hypertext Transport Protocol (HTTP) and Simple Object Access Protocol (SOAP) protocols. The Fastrax Network Web service may be used by an employer application from across the Internet.

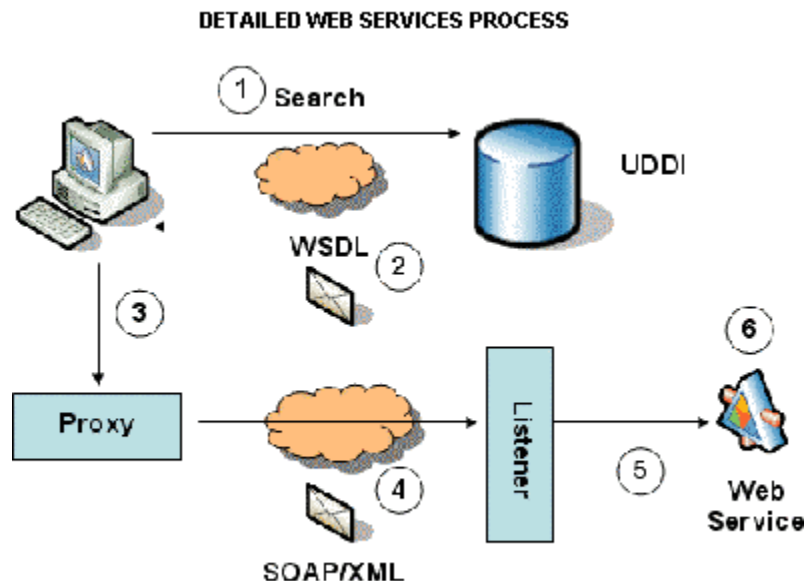


Figure 1: The process flow of a Web service



## URLs:

Address of the Fastrax Network WSDL file:

<https://ws.fastraxonline.com/FastraxRequest/FastraxNetwork.asmx>

Xml schemas referenced by Fastrax Network Web Service methods:

<https://www.fastraxonline.com/schemadocs/ReportSchemas/>

## Typical Scenario:

1. Login - This is the primary entry point into the Fastrax Network. All clients of the system must logon thru this method to obtain a valid logon token. In the event your login attempt is unsuccessful, the return value of this method will be null. No webservice methods that perform import/export functions can be called without passing this token in the SOAP headers. Once you have received your valid FastraxLogin object, you have a limited amount of time to make a transaction after which your session will time out. You can get this time limit by looking at the EXPIRE member field of your FastraxLogin object. The measurement is in seconds.
2. Insert Requests - This method allows Fastrax Network clients the ability to input requests for research reports into the Fastrax Network for processing. The argument string is an xml string that is formatted in accordance with the <https://www.fastraxonline.com/schemaDocs/MainRequest.xsd> schema sheet. The return value is an xml-format return string containing the results of your attempted transaction.
3. Search Requests - Allows the caller to search all their requests in the system.

### Arguments

**string xml:** Search parameters defined under

<https://www.fastraxonline.com/schemaDocs/GeneralSchemas/SearchRequestsByParam.xsd>

**Returns:** A string formatted as xml that contains the results of your search.

## Sample Code: (using C# syntax)

```
//Use your Customer Location and password for Credentials
string CustomerLocation = "YOURCUSTOMERLOCATION";
string password = "YOURPASSWORD";

//Generate a proxy using WSDL -
https://ws.fastraxonline.com/fastraxrequest/FastraxNetwork.asmx
FastraxNetwork fn = new FastraxNetwork();

//Set the login value for next request
fn.FastraxLoginValue = fn.Login(CustomerLocation, password);

string requestXml = @"<?xml version=""1.0"" encoding=""utf-8""?>
<FastraxRequests>
  <request>
    <subject-info>
```



```
<first-name>TESTFIRST</first-name>
<last-name>TESTLAST</last-name>
<dob>1970-10-15</dob>
<ssn>445-97-9990</ssn>
<sex>M</sex>
<address-info>
  <address>
    <street-number>6778</street-number>
    <street-name>Tylersville</street-name>
    <street-type>Rd</street-type>
    <city>West Chester</city>
    <state>OH</state>
    <zip>66768</zip>
  </address>
  <phone-info>
    <phones>
      <phone-number>(456) 556-9990 ext
5466</phone-number>
      <phone-type>Home</phone-type>
    </phones>
  </phone-info>
</address-info>
<maiden-name>NONE</maiden-name>
</subject-info>
<report-info>
  <individual-report ind-report-id=""4"">
    <criminalcounty>
      <location-info>
        <state>GA</state>
        <county>DeKalb</county>
      </location-info>
    </criminalcounty>
  </individual-report>
</report-info>
<client-field>
  <id>Any info you want</id>
  <our-trans>Echoed back to you in the report response</our-
trans>
  </client-field>
</request>
</FastraxRequests>";
```

```
//New Request - look at the returned Xml doc to get information about the
request, the key is the RequestID
string responseXml = fn.InsertRequests(requestXml);

XmlDocument xmlResponse = new XmlDocument();
xmlResponse.LoadXml(responseXml);

string requestId =
xmlResponse.DocumentElement.SelectSingleNode(@"FastraxNetwork/request/@reque
st-id").Value;
```



```
//Format an Xml document, use a Request ID to search and retrieve results of
the Request
string xmlString = @"<?xml version=""1.0"" encoding=""utf-8""
?><FastraxNetwork><search-criteria><request-id>" + requestId + "</request-
id></search-criteria></FastraxNetwork>";
string resultsXml = fn.RetrieveResults(xmlString);
```

## Report Types/IDs

A list of available reports and their corresponding IDs are listed below. Please note that your account may not be configured for all of these report types, if you would like to add additional reports to your account please contact your account manager for more information.

When submitting a request through the **InsertRequests** web method these values are used to specify which reports to include with the current request. Reports IDs are set as the **ind-report-id** attribute in the **individual-report** node, see examples below:

### Criminal County Report:

```
<report-info>
  <individual-report ind-report-id=""4"">
    <criminalcounty>
      <location-info>
        <state>GA</state>
        <county>DeKalb</county>
      </location-info>
    </criminalcounty>
  </individual-report>
</report-info>
```

### Search America Report:

```
<report-info>
  <individual-report ind-report-id=""24"">
    <searchamerica></searchamerica>
  </individual-report>
</report-info>
```

The individual report schemas for the report data contained within the **individual-report** node can be found at: <https://www.fastraxonline.com/schemadocs/ReportSchemas/>



## Request Statuses:

R = Received – request has been successfully submitted to our research network

P = Pending – we are currently researching this request

D = Done – all research has been done for this request but it has not yet been viewed by the client

C = Complete – the client has viewed the completed request at least once

## Report Types:

CharReference = 12,

Civil = 7,

Credit = 9,

CrimCounty = 4,

CrimState = 3,

CrimFederal = 23,

DrugScreen = 17,

Education = 21,

Employment = 14,

LicenseReq = 13,

MedSanctions = 11,

MotorVehicle = 19,

SearchAmerica = 24,

SSNTrace = 20,

WorkersComp = 15