

# ATIPXpress



OPEXUS

## Veritone Integration Configuration

v11.5.0

January 2024



# AX v11.5.0 Veritone Integration Configuration

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# 1 Introduction

## 1.1 About This Manual

This document presents detailed information on the integration of ATIPXpress and Veritone, including the integration architecture and step-by-step instructions to enable the integration.

Before enabling the ATIPXpress and Veritone Integration for media redactions, it is important to thoroughly review this document. We recommend following the steps in the order presented in this document for successful integration configuration.

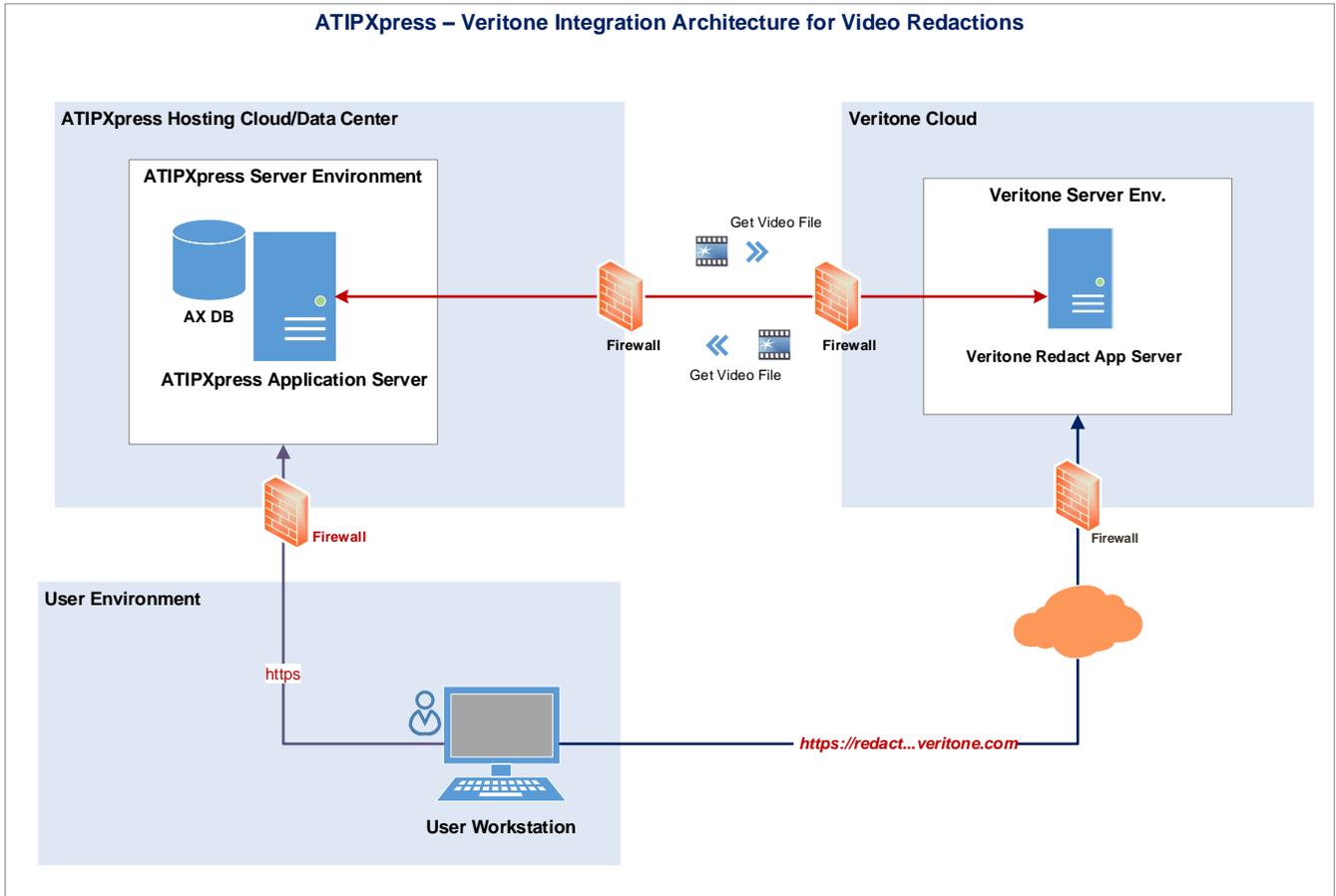
**(!!) Note: Images used in this document reflect a FOIAXpress environment, however all steps and details also apply for ATIPXpress.**

## 1.2 Veritone Integration Architecture for Video Redactions

The following diagram depicts the integration between the ATIPXpress application server and the Veritone Redact application.



# Introduction



## 2 Enabling Veritone Integration for ATIPXpress

The following sections explain how to configure ATIPXpress and Veritone integration. Please carefully follow the steps outlined below to ensure successful completion of the integration setup.

### 2.1 Set Up Veritone Redact App Account

The Project Manager and Veritone should first set up Veritone Redact app account access. It is important to ensure that the customer has an active Veritone organization account, as this account will be used by ATIPXpress for redacting the media files.

OPEXUS must coordinate with you (the customer) and Veritone to provision your account, which may require multiple meetings to gather all necessary information to set up the account in Veritone.

All users that need to perform media redactions must have an active user account associated with this organization account.

### 2.2 Whitelist Veritone's IP Addresses in ATIPXpress Environment

The IT/System Administrator and Veritone must whitelist Veritone's IP addresses in the FX environment.

The Veritone Redact application will need to call the ATIPXpress Media Redactions API to read the video media file data as well as to update ATIPXpress with redacted media file information. The ATIPXpress scheduler service will read the redacted media file from the Veritone server.

Follow the steps below to ensure the ATIPXpress Media Redactions API is accessible to the Veritone Redact application.

1. Allow the https (port 443) traffic from Veritone to the ATIPXpress application server.
2. Whitelist the Veritone public IP addresses in your ingress firewall:
  - 20.141.71.155
  - 52.245.243.92



- 13.77.232.218
- 13.77.227.4

**(!!) Note: This IP address list may vary from customer to customer so please make sure to check with the Veritone team.**

## 2.3 Whitelist ATIPXpress IP Addresses in Veritone Cloud Environment

After the customer's Veritone Redact App has been activated, the IT/System Administrator, Project Manager, and Veritone can whitelist ATIPXpress IP addresses in the Veritone Cloud environment.

Coordinate with the Veritone team to make sure that ATIPXpress Scheduler service job can access the Veritone Redact application web service to get the redacted medial file and redactions audit log file (.CSV file). The Veritone team will whitelist IP address ranges to make sure that ATIPXpress Scheduler can access their URL/API without any issue.

Ensure the users' (proxy server/gateway) IP addresses are whitelisted in Veritone.

Provide Veritone with the following information:

- The public IP ranges for all the end-users at the customer (who will be using Redact), for whitelisting on the Veritone ingress firewall (to allow login and accessing Redact site).
- The base URL for the ATIPXpress server hosting the media being sent to Redact, for whitelisting on the Veritone egress firewall (HTTP GET request from Veritone's servers).

## 2.4 Provide ATIPXpress Media Redaction API Endpoint to Veritone

The IT/System Administrator, Project Manager, and Veritone will provide ATIPXpress media redaction API endpoint information to Veritone for sending the redacted file back from Veritone to ATIPXpress (HTTP POST request from user workstation). The typical format for this endpoint is as follows, but ensure it is configured correctly in the ATIPXpress application server:

**Error! Hyperlink reference not valid.**



## 2.5 ATIPXpress Application Server and IIS Configuration

The IT/System Administrator will facilitate ATIPXpress application server and IIS configuration.

### 2.5.1 CORS Module Configuration

To configure the CORS module:

1. Install IIS CORS Module on the server using the Web Platform Installer. Find more information about CORS module and download it from the following location: <https://www.iis.net/downloads/microsoft/iis-cors-module>
2. Add **CORS** section to the **web.config** file's **system.webServer** section. Please review the comments and enable the `<add origin="http://*" allowed="false" />` in prod server.

```

<cors enabled="true" failUnlistedOrigins="true">
  <add origin="*" />
  <add origin="https://*.veritone.com" allowCredentials="true" maxAge="120">
    <allowHeaders allowAllRequestedHeaders="true">
      </allowHeaders>
    <allowMethods>
      <add method="POST" />
    </allowMethods>
  </add>
  <add origin="https://*.ains.com" />
  <!--enable this line in prod.
  <add origin="http://*" allowed="false" />
-->
</cors>

```

### 2.5.2 API Endpoints Element Configuration in Web.Config

Make sure to include the following "location" elements in the *web.config* file of the ATIPXpress application. We need to allow authorization for all users as shown below. These



entries are automatically present in the `web.config` file starting from ATIPXpress version 11.1.0.

```
<location path="apiex/MediaFile/GetMediaFile">
  <system.web>
    <authorization>
      <allow users="*" />
    </authorization>
  </system.web>
</location>
<location path="apiex/MediaFile/GetSignedUrl">
  <system.web>
    <authorization>
      <allow users="*" />
    </authorization>
  </system.web>
</location>
<location path="apiex/MediaFile/RedirectUrl">
  <system.web>
    <authorization>
      <allow users="*" />
    </authorization>
  </system.web>
</location>
<location path="apiex/MediaFile/SubmitRedactedMediaInfo">
  <system.web>
    <authorization>
      <allow users="*" />
    </authorization>
  </system.web>
</location>
```

**(!!) Notes:**

- The elements listed above will override the authentication of the application for the Media Redaction API endpoints. These elements indicate that the application's authentication should be ignored for the specified API endpoints. To ensure that these elements function correctly, you must set the value of the "allowOverride" attribute to "true" in the Machine.Config file for the ATIPXpress web application.
- For reference, you can find more information on this topic at:  
<https://learn.microsoft.com/en-us/troubleshoot/developer/webapps/aspnet/development/application-directory-configuration>



## 2.6 Enable Media Redaction Feature License in ATIPXpress

The ATIPXpress Application Admin User/BA should enable the media redaction feature license within the ATIPXpress application.

1. Enable Media Redaction License to the ATIPXpress License Key File and update Licenses using the new key file.
2. Ensure the Media Redaction feature is enabled in Administration > Features and Licenses > Application Features screen.

## 2.7 Media Redaction Settings in ATIPXpress Application

The ATIPXpress Application Admin User/BA can configure the Media Redaction settings within the ATIPXpress application.

Configure the Media Redaction Settings in ATIPXpress via the **Administration > Document Management > Media Redaction Settings**, as shown below.

Media Redaction Settings

Redaction Software Application URL \* :

Redaction Software Vendor \* :

Supported File Formats \* :

(Note: To enter multiple formats use a semicolon as a separator with NO SPACES between file formats.)

FOIAXPRESS Integration URL \* :

Save Refresh Close

Note: \* fields are mandatory.

- **Redaction Software Application URL:** This is the URL for the Veritone Redact app, which will be provided by the Veritone team and may vary for different customers.
- **Redaction Software Vendor:** Input "Veritone" in this field. As of now, ATIPXpress only integrates with Veritone as a third-party media redaction software.



## Enabling Veritone Integration for ATIPXpress

- **Supported File Formats:** Input the file extensions for the media file formats that are compatible with the Veritone Redact app in this field. If you do not wish to make any changes, you may leave the default values as they are.
- **ATIPXPRESS Integration URL:** This is the ATIPXpress application URL.



## 3 Media File URL Expiration

### 3.1 Configuring Media File URL Expiration in ATIPXpress

The expiration time for the media files' signed URL in ATIPXpress is controlled by the "SignedUrlExpiryTime" key under the "Document" section in the database's *tblConfig* table. Veritone utilizes this URL to download files from ATIPXpress for redaction processing.

Please note that this key was not present in the database by default until ATIPXpress v11.3.0. Starting from v11.4.0, the default value for this configuration key is set to 60 minutes. Please ensure that you adjust this value per your specific requirements.

**(!!) Note: Setting the value to overly long durations (e.g., greater than one day) can result in security vulnerabilities.**

### 3.2 SQL Command to Update the Media File URL Expiration Time

Run the following SQL command in the ATIPXpress database to update the media file signed URL expiration time.

```
update tblConfig set vcValue='100' where vcSection='Document' and  
vcKey='SignedUrlExpiryTime'
```

