Agree'nSign API

Version 1.2 - 5/27/2011

Overview

The Agree'nSign API is REST-ish, where requests are made via HTTPS POST & GET against API resources, standard HTTP status codes are returned, and "Plain Old XML" (POX) is the message format.

SSL & Authentication

All API requests must be made via SSL and HTTPS. Access control for the API is handled via an API key that is sent with each request. Your API key can be found under *Manage Account*. Keep this API key secret as it allows you to authenticate and access your data without logging into Agree'nSign with your email and password. You can generate a new API key at any time.

Resource List

Verb	Url	Input	Output
POST	https://www.agreensign.com/api/v1/{key}/contracts	XML	XML
GET	https://www.agreensign.com/api/v1/{key}/contracts/{id}	Contract id	XML
GET	https://www.agreensign.com/api/v1/{key}/contracts/{id}.pdf	Contract id	PDF
GET	https://www.agreensign.com/api/v1/{key}/contracts	n/a	XML
GET	https://www.agreensign.com/api/v1/{key}/audits/{id}.pdf	n/a	PDF
DELETE	https://www.agreensign.com/api/v1/{key}/contracts/{id}	Contract id	n/a

XML Schema

Use **contracts.xsd** found at https://www.agreensign.com/api/v1/contracts.xsd to validate contract xml in testing. Once you've got valid xml, test an http POST to the contracts API resource.

Contents

Need help?   **help@agreensign.com**   **Give us a ring… 877-445-4307**

Create & Send a New Contract

- Perform an HTTP POST to https://www.agreensign.com/api/v1/{key}/contracts
- {key} is the account API key
- XML Schema can be found at https://www.agreensign.com/api/v1/contracts.xsd

Required POST XML payload

```xml
<contracts>
 <contract>
  <name>Sample Contract Document</name>
  <ownerUsername>bob@acme.com</ownerUsername>
  <filename>sample.pdf</filename>
  <base64Contents>Base64 encoded contents of file</base64Contents>
  <mimeType>application/pdf</mimeType>
  <parties> <!-- parties sign in order, cc'd parties have no placeholders -->
    <party>
      <name>Tori Marrama</name>
      <email>tori@agreensign.com</email>
    </party>
    <party>
      <name>Bob Johnson</name>
      <email>test-bob@agreensign.com</email>
      <title>CFO</title>
      <placeholders> <!-- Default h/w is 10, 25. Default page is 1-->
        <placeholder type="signature" x="0" y="0" h="10" w="10" page="1" />
        <placeholder type="field" x="0" y="0" h="10" w="10" page="1"/>
        <placeholder type="checkbox" x="0" y="0" page="2"/>
        <placeholder type="radio" radioGroup="grp1" x="30" y="50" page="2"/>
        <placeholder type="radio" radioGroup="grp1" x="35" y="50" page="2"/>
      </placeholders>
    </party>
  </parties>
 </contract>
</contracts>
```

If successful, a status code of 201 (Created) is returned with this XML

```xml
<contracts>
 <contract id="123" >
  <name>Sample Contract Document</name>
  <status code="S">Sending Signature request to bob@acme.com</status>
  <createDateTime>2002-05-30T09:30:10Z</createDateTime>
 </contract>
</contracts>
```

A 403 (Forbidden) status code is returned under the following circumstances:

- Invalid API Key or Not Authorized to use API
- Some account limit is reached, i.e. max documents reached for the month.

A 422 (Unprocessable Entity) is returned if the contract has a validation error.

A 500 (Internal Server Error) is returned if the API server encounters an error, contact help@agreensign.com in this case.

Get a List of Contracts

- Perform an HTTP GET from https://www.agreensign.com/api/v1/{key}/contracts
- {key} is the account API key

If successful, a status code of 200 (OK) is returned with this XML

```xml
<contracts>
 <contract id="123" >
  <name>Sample Contract Document</name>
  <status code="E">Executed</status>
  <createDateTime>2002-05-30T09:30:10Z</createDateTime>
 </contract>
 <contract id="456" >
  <name>Sample Sales Agreement</name>
  <status code="P">Pending Signature from bob@acme.com</status>
  <createDateTime>2002-05-30T10:30:10Z</createDateTime>
 </contract>
</contracts>
```

A 403 (Forbidden) status code is returned under the following circumstances:

- Invalid API Key or Not Authorized to use API

A 500 (Internal Server Error) is returned if the API server encounters an error, contact help@agreensign.com in this case.

Get a Contract - XML

- HTTP GET https://www.agreensign.com/api/v1/{key}/contracts/{id} or {id}.xml
- {key} is the account API key
- {id} is the contract id

If successful, a status code of 200 (OK) is returned with this XML

```xml
<contracts>
 <contract id="123">
  <name>Sample Contract Document</name>
  <status code="E">Executed</status>
  <createDateTime>2002-05-30T09:30:10Z</createDateTime>
  <executedDateTime>2002-06-30T09:30:10Z</executedDateTime>
  <ownerUsername>bob@acme.com</ownerUsername>
  <filename>sample.pdf</filename>
  <parties> <!-- parties sign in the order positioned -->
    <party>
      <status code="S">Signed</status>
      <name>Bob Johnson</name>
      <email>bob@agreensign.com</email>
      <title>CFO</title>
      <placeholders> <!-- Default h/w is 10, 25. Default page is 1-->
        <placeholder id="849" type="signature" x="0" y="0"
                                    page="1">Signed</placeholder>
        <placeholder id="123" type="field" x="0" y="0"
                                    page="1">111 Main St.</placeholder>
        <placeholder id="995" type="checkbox" x="0" y="0"
                                    page="2">Yes</placeholder>
      </placeholders>
    </party>
  </parties>
</contract>
</contracts>
```

A 404 (Not Found) status code is returned when the contract with the ID cannot be found.

A 403 (Forbidden) status code is returned under the following circumstances:

- Invalid API Key or Not Authorized to use API

A 500 (Internal Server Error) is returned if the API server encounters an error, contact help@agreensign.com in this case.

Get a Contract - PDF

- HTTP GET https://www.agreensign.com/api/v1/{key}/contracts/{id}.pdf
- {key} is the account API key
- {id} is the contract id

If successful, a status code of 200 (OK) is returned with the PDF document

A 404 (Not Found) status code is returned when the contract with the ID cannot be found.

A 403 (Forbidden) status code is returned under the following circumstances:

- Invalid API Key or Not Authorized to use API

A 500 (Internal Server Error) is returned if the API server encounters an error, contact help@agreensign.com in this case.

Get a Contract Audit - PDF

- HTTP GET https://www.agreensign.com/api/v1/{key}/audits/{id}.pdf
- {key} is the account API key
- {id} is the contract id

If successful, a status code of 200 (OK) is returned with the PDF document

A 404 (Not Found) status code is returned when the audit with the ID cannot be found.

A 403 (Forbidden) status code is returned under the following circumstances:

- Invalid API Key or Not Authorized to use API

A 500 (Internal Server Error) is returned if the API server encounters an error, contact help@agreensign.com in this case.

Delete a Contract

- HTTP DELETE https://www.agreensign.com/api/v1/{key}/contracts/{id}
- {key} is the account API key
- {id} is the contract id

If successful, a status code of 200 (OK) is returned.

A 404 (Not Found) status code is returned when the contract with the ID cannot be found

A 403 (Forbidden) status code is returned under the following circumstances:

- Invalid API Key or Not Authorized to use API
- The Contract is "EXECUTED" and cannot be deleted.