

# EZDRM CPIX 2.x - Keys Guide

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## Introduction

There are two methods of calling CPIX API. The first is via the EZDRM username and password, the other is via the EZDRM Secure Token. The Secure token is visible in the "My Accounts" section of accounts.ezdrm.com.

The base CPIX.aspx URL for EZDRM CPIX version 2 is shown below for CENC encryption (by default):

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx>

Here is an example of the URL (Single Key) username and password with parameters defined:

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=KeyID&u=username&p=password&c=resourceName>

Here is an example of the URL (Single Key) Secure token with parameters defined:

<https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=KeyID&t=SecureToken&c=resourceName>

The following is the XML return for the test URL above (values returned are defined in the next sections):

This XML file does not appear to have any style information associated with it. The document tree is shown below:

```
<?xml:namespace prefix="urn:ietf:params:xml:sec:pskc" contentId="" version="2.3" />
<ContentKeyList>
  <ContentKey>
    <Data>
      <Secret>
        <PlainValue>30/6kFQ==</PlainValue>
      </Secret>
    </Data>
  </ContentKey>
</ContentKeyList>
<DRMSystemList>
  <DRMSystem>
    <SystemId>afcb-1c8921e3f1e4</SystemId>
    <ContentProtectionData>
      <PlayList>
        <Media>
          <HLSSignalingData>
            <Master>
              <DRMSystemId>afcb-1c8921e3f1e4</DRMSystemId>
            </Master>
          </HLSSignalingData>
        </Media>
      </PlayList>
    </ContentProtectionData>
  </DRMSystem>
  <DRMSystem>
    <SystemId>afcb-1c8921e3f1e4</SystemId>
    <ContentProtectionData>
      <PlayList>
        <Media>
          <HLSSignalingData>
            <Master>
              <DRMSystemId>afcb-1c8921e3f1e4</DRMSystemId>
            </Master>
          </HLSSignalingData>
        </Media>
      </PlayList>
    </ContentProtectionData>
  </DRMSystem>
  <DRMSystem>
    <SystemId>afcb-1c8921e3f1e4</SystemId>
    <ContentProtectionData>
      <PlayList>
        <Media>
          <HLSSignalingData>
            <Master>
              <DRMSystemId>afcb-1c8921e3f1e4</DRMSystemId>
            </Master>
          </HLSSignalingData>
        </Media>
      </PlayList>
    </ContentProtectionData>
  </DRMSystem>
</DRMSystemList>
</ContentKeyList>
</CPIX>
```

## CPIX Parameters - Single Key

For Single Key encryption, the video and audio files will have the same encryption keys.

The CPIX parameters for single key encryption are as follows (username and password) for CENC encryption (by default) using the sample URL below:

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=ebXXXXXX-abXX-4XX4-8X6c-XXXXaXXfXXXX&u=username&p=password&c=resourcename>

Parameter	Description
<b>k=</b>	Key ID value (client generated) in GUID format
<b>u=</b>	Username
<b>p=</b>	Password
<b>c=</b>	Content Resource ID (such as a stream name or media asset name)

See **Key Value Definitions** section for the sample XML returns.

The CPIX parameters for single key encryption are as follows (Secure Token) for CENC encryption (by default) using the sample URL below:

<https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=a9XXXXXX-12XX-4XX4-8X6c-XXXXaXXfXXXX&t=QTAYRTIGQzXxXXXXOC00QTVDLUFBJUtMDJEqzRDRjzXXXX&c=resourcename>

Parameter	Description
<b>k=</b>	Key ID value (client generated) in GUID format (*see previous note)
<b>t=</b>	<b>t value</b> is the Secure Token visible in the “My Account” section of accounts.ezdrm.com
<b>c=</b>	Content Resource ID (such as a stream name or media asset name)

## CPIX Parameters - Multi-Key

Multi-key encryption is supported with CPIX version 2. This allows for higher security with separate encryption keys for video and audio tracks and separate keys for premium video content (specify one audio and up to two keys for video files).

### Username/Password - Multi Key

The CPIX parameters for multi-key encryption are as follows for CENC encryption (by default) using the sample URL below (multi-key values separated by commas; username and password) with an audio and video track:

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-Xxxx-bad7-80ea989a99b6&u=username&p=password&c=resourcename>

Parameter	Description
<b>k=empty</b>	"empty" sent to allow for multi-key value parameters
<b>audio1=</b>	Key ID value (client generated) in GUID format for the audio file
<b>video1=</b> <b>video2=</b>	Key ID value (client generated) in GUID format for the video file(s) - up to two different Key IDs  K=,AUDIO1=<GUID>,VIDEO1=<GUID>  Max for multi-key is 1 audio 2 video K=,AUDIO1=<GUID>,VIDEO1=<GUID>,VIDEO2=<GUID>
<b>u=</b>	Username
<b>p=</b>	Password
<b>c=</b>	Content Resource ID (such as a stream name or media asset name)

See **Key Value Definitions** section for the sample XML returns.

Another example showing one audio and two separate video track keys:

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-Xxxx-bad7->

[80ea989a99b6,video2=7c79XXXX-1783-XXXX-bad7-80ea98XXXXb6&u=username&p=password&c=resourcename](https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,video2=7c79XXXX-1783-XXXX-bad7-80ea98XXXXb6&u=username&p=password&c=resourcename)

## Secure Token – Multi Key

The CPIX parameters for multi-key encryption are as follows for CENC encryption (by default) using the sample URL below (multi-key values separated by commas; Secure Token) with an audio and video track:

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,video1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-XxXX-bad7-80ea989a99b6&t=QTAYRTIGQzXxXXXXOC00QTVDLUFbQjUtMDJEqzRDRjIzXXXX&c=resourcename>

Parameter	Description
<b>k=empty</b>	“empty” sent to allow for multi-key value parameters
<b>audio1=</b>	Key ID value (client generated) in GUID format for the audio file
<b>video1=</b> <b>video2=</b>	Key ID value (client generated) in GUID format for the video file(s) – up to two different Key IDs  K=,AUDIO1=<GUID>,VIDEO1=<GUID>  Max for multi-key is 1 audio 2 video K=,AUDIO1=<GUID>,VIDEO1=<GUID>,VIDEO2=<GUID>
<b>t=</b>	<b>t value</b> is the Secure Token visible in the “My Account” section of accounts.ezdrm.com
<b>c=</b>	Content Resource ID (such as a stream name or media asset name)

See **Key Value Definitions** section for the sample XML returns.

Another example showing one audio and two separate video track keys:

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,video1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-XxXX-bad7-80ea989a99b6,video2=7c79XXXX-1783-XXXX-bad7-80ea98XXXXb6&t=QTAYRTIGQzXxXXXXOC00QTVDLUFbQjUtMDJEqzRDRjIzXXXX&c=resourcename>

## PSSH Data

An additional flag is available to return PSSH Data when added to the end of the query string, shown in the example as follows:

### Username/Password

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-XxXX-bad7-80ea989a99b6&u=username&p=password&c=resourceName&pssh=data>

### Secure Token

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-XxXX-bad7-80ea989a99b6&t=QTAYrTIGQzXxXXXXOC00QTVDLUFbQjUtMDJEqzRDRjzXXXX&c=resourceName&pssh=data>

At this time some encoders use only pssh data box (i.e. Hybrik) as opposed to the full pssh box for packaging (i.e. Shaka, Bento 4).

Parameter	Description
pssh=data	Returns PSSH Data box when required for certain players

```

<cpix:DRMSysList>
  <cpix:DRMSysList kid="6c794df2-... bad7-80ea989a99b6" systemId="edef8ba9-79d6-4ace-a3c8-27dcd51d21ed">
    <cpix:PSSH>AAAA3Bzc... QAAA88SEGx5TfIXg01ZuteA6piambYaBwV6ZHjtSOPc1ZsG</cpix:PSSH>
    <cpix:PSSHData>EhBseU3yF4NNwbr... emRybUjj33kwbBg==</cpix:PSSHData>
    <cpix:ContentProtectionData>PHBzc2ggeG1sbnM9InVybjptcGVnOmNlbn... i1k0xxwG5XU3M2an10ZmMxUjBoN1FBQUCOFNFR3g...
    <cpix:HLSSignalingData
      playlist="media">I0VYVC1YLutFWTpNRVRIT0Q9U0FNUE... kYTKwMDJiNmE5MzQwNTY1MzVlNixVUkk9ImRhdGE6dGV4dC...
    <cpix:HLSSignalingData
      playlist="enter">VYVC1... VNFU1... T04tS... 7ok1F... hPRD1... U1QTE... UUVTL... Uix... 9ImR... 6E6dG... C9wb... bjtj... 1NjQ... FBQV... mpjM... OUFB... 1K...
  
```

## CBCS Encryption

CBCS encryption uses PlayReady 4.3 Header. When this encryption is required, an additional flag is available to return when added to the end of the query string, shown in the example as follows\*:

### Username/Password

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-XxXX-bad7-80ea989a99b6&u=username&p=password&c=resourceName&EncryptionScheme=cbc>

\*CBCS is needed for CMAF

### Secure Token

<https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-XxXX-bad7-80ea989a99b6&t=QTAYRTIGQzXxXXXXOC00QTVDLUFBQjUtMDJEQzRDRjzXXXX&c=resourceName&EncryptionScheme=cbc>

\*CBCS is needed for CMAF

A query with no EncryptionScheme flag returns CENC using PlayReady 4.0 Header by default.

Parameter	Description
EncryptionScheme=cbc	Encryption using CBCS – PlayReady 4.3 Header

```

<<cpix:CPIX xmlns:cpix="urn:dashif:org:cpix" xmlns:pskc="urn:ietf:params:xml:ns:keyprov:pskc" contentId="" version="2.3">
  <cpix:ContentKeyList>
    <cpix:ContentKey explicitIV="bH...JqZtg=" kid="6c794df2-...-bad7-80ea989a99b6" commonEncryptionScheme="cbc">
      <cpix:Data>
        <pskc:Secret>
          <pskc:PlainValue>xb...BNU15g=</pskc:PlainValue>
        </pskc:Secret>
      </cpix:Data>
    </cpix:ContentKey>
    <cpix:ContentKey explicitIV="Xh1...JqZtg=" kid="6c794df2-...-bad7-80ea989a99b6" commonEncryptionScheme="cbc">
      <cpix:Data>
        <pskc:Secret>
          <pskc:PlainValue>u55f...>Cw=</pskc:PlainValue>
        </pskc:Secret>
      </cpix:Data>
    </cpix:ContentKey>
  </cpix:ContentKeyList>
</CPIX>
  
```

## Key Value Definitions

Here are the descriptions of the key values returned by EZDRM:

<i>cpix:ContentKeyList</i>	
<b>commonEncryptionScheme</b>	Common Encryption Scheme – either <b>CENC</b> (PlayReady 4.0 Header) or <b>CBCS</b> (PlayReady 4.3 Header) – <b>CBCS</b> is needed for Multi-Key
<b>kid</b>	Key ID in GUID format
<b>explicitIV</b>	Apple FairPlay Explicit IV value
<b>PlainValue (Secret)</b>	the Secret Content Encryption Key in Base 64 generated by EZDRM and returned as a plain value

<i>cpix:DRMSystemList</i>	
<b>kid</b>	Key ID in GUID format
<b>systemId*</b>  <i>*these are industry standard ID listings</i>	<p><b>Widevine</b> - edef8ba9-79d6-4ace-a3c8-27dcd51d21ed</p> <p><b>PlayReady</b> - 9a04f079-9840-4286-ab92-e65be0885f95</p> <p><b>Apple FairPlay</b> - 94ce86fb-07ff-4f43-adb8-93d2fa968ca2</p>
<b>PSSH</b>	Widevine PSSH value (under Widevine systemID)
<b>PSSHData</b>	PSSH Data box value when required for certain packagers (under Widevine systemID)
<b>PSSH</b>	PlayReady PSSH Value (under the PlayReady systemID)
<b>ContentProtectionData</b>	The MS Pro Header
<b>HLSSignalingData</b>	Apple FairPlay HLS Signaling Data (under the Apple FairPlay systemID)

## XML Return – Single Key (Default CENC + PSSH Data)

### Username/Password

<https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=15b9XXXX-db4d-XXXX-afc0-1c89XXXXf1e4&u=username&p=password&pssh=data>

### Secure Token

<https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=15b9XXXX-db4d-XXXX-afc0-1c89XXXXf1e4&t=QTAYRTIGQzXxXXXXOC00QTVDLUFBQjUtMDJEqzRDRjIzXXXX&pssh=data>

```
<cpix:CPIX xmlns:cpix="urn:dashif:org:cpix" xmlns:pskc="urn:ietf:params:xml:ns:keyprov:pskc" contentId="
" version="2.3">
<cpix:ContentKeyList>
<cpix:ContentKey explicitIV="FbkXXXXXXXXVwByJIePx5A==" kid="15b938c8-XXXX-4cf7-XXXX-1c89XXXXf1e4" commonEn
cryptioScheme="cenc">
<cpix:Data>
<pskc:Secret>
<pskc:PlainValue>Ku3GfevXXXXXXXXz30/6ukF0==</pskc:PlainValue>
</pskc:Secret>
</cpix:Data>
</cpix:ContentKey>
</cpix:ContentKeyList>
<cpix:DRMSysList>
<cpix:DRMSys kid="15b938c8-XXXX-4cf7-XXXX-1c89XXXXf1e4" systemId="edef8ba9-79d6-4ace-a3c8-27dcd51d21ed"
> // Widevine
<cpix:PSSH>AAAAP3Bzc2gAAAAA7e+LqXnW5s6XXXXXXXXXX0AAAB8SEBW50MjbTUz3r8AciSHj8e0aBWV6ZXXXOPclZsG</cpix:PSSH
>
<cpix:PSSHData>EhAVuXXXXXXXXX6/AHIkh4/HkGgVlemRybUjXXXXbBg==</cpix:PSSHData>
<cpix:ContentProtectionData>PHBzc2ggeG1sbnM9InVvbjlpXXXXXXXXXXmM6MiAxMvI+OUFBOVAzQnpjMmdBOUFBOTd1K0xxwG5XU3
M2an1DZmMxUjBoN1FB0UFCOFNF01c1T01qY1RvejNvOEFjaVNIa1hlUWFXXXXXXXXXXNPUGNsWnNHPC9wc3NoPg==</cpix:ContentPro
tectionData>
<cpix:HLSSignalingData playlist="media">I0VYVC1YLUtFWTpNRVRIT0Q9U0FNUEXFLUFFUy1DVFISS0VZSUQ9MHgyYVWkYzY3ZG
VkJWY4YmE5LTc5ZDYtNGFjZS1hM2M4LTI3ZGNkNTFkMjF1ZCIsS0VZRk9STUFUVkXXXXXXXXXjEi</cpix:HLSSignalingData>
<cpix:HLSSignalingData playlist="master">I0VYVC1YLVNFU1NJT04tS0VZOK1FVEhPRD1TQU1QTEUtQUVTLUNUuixVUkk9ImRhd
TFkMjF1ZCIsS0VZRk9STUFUVkVSU01PT1M9IjEi</cpix:HLSSignalingData>
</cpix:DRMSys>
<cpix:DRMSys kid="15b938c8-XXXX-4cf7-XXXX-1c89XXXXf1e4" systemId="9a04f079-9840-4286-ab92-e65be0885f95"
> // PlayReady
```



## XML Return – Multikey (CBCS)

### Username/Password

<https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-XXXX-80eaXXXX99b6,video1=6c794df2-XXXX-4d59-XXXX-80eaXXXX99b6,video2=7c794df2-XXX-4d59-XXXX-80eaXXXX99b6&u=username&p=password&c=test&EncryptionScheme=cbs>

### Secure Token

<https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-XXXX-80eaXXXX99b6,video1=6c794df2-XXXX-4d59-XXXX-80eaXXXX99b6,video2=7c794df2-XXX-4d59-XXXX-80eaXXXX99b6&t=QTAYRTIGQzXxXXXXOC00QTVDLUFbQjUtMDJEQzRDRjIzXXXX&c=test&EncryptionScheme=cbs>

```
<cpix:CPIX xmlns:cpix="urn:dashif:org:cpix" xmlns:pskc="urn:ietf:params:xml:ns:keyprov:pskc" contentId="test" version="2.3">
  <cpix:ContentKeyList>
    <cpix:ContentKey explicitIV="bH1N8hXXXXXXXXXamJa7te==" kid="6c79XXXX-1783-XXXX-bad7-80eaXXXX99b6" commonEncryptionScheme="cbs"> // Video 1
      <cpix:Data>
        <pskc:Secret>
          <pskc:PlainValue>xblk4XXXXXXXXXak0BwU15e==</pskc:PlainValue>
        </pskc:Secret>
      </cpix:Data>
    </cpix:ContentKey>
    <cpix:ContentKey explicitIV="xH1N8hXXXXXXXXXamJa7te==" kid="5c79XXXX-1783-XXXX-bad7-80eaXXXX99b6" commonEncryptionScheme="cbs"> // Audio
      <cpix:Data>
        <pskc:Secret>
          <pskc:PlainValue>u55fb4XXXXXXXXXGko2PCw==</pskc:PlainValue>
        </pskc:Secret>
      </cpix:Data>
    </cpix:ContentKey>
    <cpix:ContentKey explicitIV="fH1N8hXXXXXXXXXamJa7te==" kid="7c79XXXX-1783-XXXX-bad7-80eaXXXX99b6" commonEncryptionScheme="cbs"> // Video 2
      <cpix:Data>
        <pskc:Secret>
          <pskc:PlainValue>6z0xxS/+3XXXXXXXXXLeG1w==</pskc:PlainValue>
        </pskc:Secret>
      </cpix:Data>
    </cpix:ContentKey>
  </cpix:ContentKeyList>
</cpix:CPIX>
```

```

</pskc:Secret>
</cpix:Data>
</cpix:ContentKey>
</cpix:ContentKeyList>
<cpix:DRMSystemList>
<cpix:DRMSystem kid="6c79XXXX-1783-XXXX-bad7-80eaXXXX99b6" systemId="edef8ba9-79d6-4ace-a3c8-27dcd51d21ed"
> // Widevine - Video 1
<cpix:PSSH>AAAAAP3Bzc2gAAAAA7e+LqXnWSs6jvCfc1R0h70AAAAXXXXXXXXXXXXXXXXX01ZuteA6piambYaBwV6ZHJtSOPc1ZsG</cpix:PSS
H>
<cpix:ContentProtectionData>PHBZc2ggeG1sbnM9InVybiptcGVnOmNlbnM6MjAxMyI+OUFBQVAzOnpiMmdBOUFBOTd1K0xxwG5XU3
M2an1DZXXXXXXXXXXXXXXXXXXXXXXXXXXXXFCV1Y2WkhKdFNPUgNswNHPc9wc3NoPg==</cpix:ContentProtectionData>
<cpix:ContentProtectionData/>
<cpix:HLSSignalingData playlist="media">I0VYVC1YLUtFWtpNRVRIT0Q9U0FNUEXFLUFFUy1DVFISS0VZSUQ9MHhjNWI5NjR1Mz
JiNGRkYTkWMDJiNmE5MzQwNTY1MzVlNixVUkk9ImRhdGEXXXXXXXXX9wbGFpbjtiYXN1NjQsQUFBQVAzOnpiMmdBOUFBOTd1K0xxwG5XU3M2
aVkJWY4YmE5LTc5ZDYtNGFjZS1hM2M4LTI3ZGNkNTFkMjF1ZCIsS0VZrK9STUFUVkVSU01PT1M9IjEi</cpix:HLSSignalingData>
<cpix:HLSSignalingData playlist="master">I0VYVC1YLVNFU1NJT04tS0VZOK1FVEhPRD1TQU1QTEUTQUVTLUNUuixVUkk9ImRhd
BNnBpYW1iWwFVC1Y2WkhKdFNPUgNswNHPc9wc3NoPg==</cpix:HLSSignalingData>
jF1ZCIsS0VZrK9STUFUVkVSU01PT1M9IjEi</cpix:HLSSignalingData>
</cpix:DRMSystem>
<cpix:DRMSystem kid="5c79XXXX-1783-XXXX-bad7-80eaXXXX99b6" systemId="edef8ba9-79d6-4ace-a3c8-27dcd51d21ed"
> // Widevine - Audio
<cpix:PSSH>AAAAAP3Bzc2gAAAAA7e+LqXnWSs6jvCfc1R0h70AAAAXXXXXXXXXXXXXXXXX01ZuteA6piambYaBwV6ZHJtSOPc1ZsG</cpix:PSS
H>
<cpix:ContentProtectionData>PHBZc2ggeG1sbnM9InVybiptcGVnOmNlbnM6MjAxMyI+OUFBQVAzOnpiMmdBOUFBOTd1K0xxwG5XU3
M2an1DZXXXXXXXXXXXXXXXXXXXXXXXXXXXXFCV1Y2WkhKdFNPUgNswNHPc9wc3NoPg==</cpix:ContentProtectionData>
<cpix:ContentProtectionData/>
<cpix:HLSSignalingData playlist="media">I0VYVC1YLUtFWtpNRVRIT0Q9U0FNUEXFLUFFUy1DVFISS0VZSUQ9MHhj11NWY2Zj
g0YTgxMjYzYmNkZjA3MDY5MjhhOGYwYixVUkk9ImRhdGE6XXXXXXXXXXXXjtiYXN1NjQsQUFBQVAzOnpiMmdBOUFBOTd1K0xxwG5XU3M2V
kZWY4YmE5LTc5ZDYtNGFjZS1hM2M4LTI3ZGNkNTFkMjF1ZCIsS0VZrK9STUFUVkVSU01PT1M9IjEi</cpix:HLSSignalingData>
<cpix:HLSSignalingData playlist="master">I0VYVC1YLVNFU1NJT04tS0VZOK1FVEhPRD1TQU1QTEUTQUVTLUNUuixVUkk9ImRhd
BNnBpYW1iWwFVC1Y2WkhKdFNPUgNswNHPc9wc3NoPg==</cpix:HLSSignalingData>
ZCIsS0VZrK9STUFUVkVSU01PT1M9IjEi</cpix:HLSSignalingData>
</cpix:DRMSystem>
<cpix:DRMSystem kid="7c79XXXX-1783-XXXX-bad7-80eaXXXX99b6" systemId="edef8ba9-79d6-4ace-a3c8-27dcd51d21ed"
> // Widevine - Video 2
<cpix:PSSH>AAAAAP3Bzc2gAAAAA7e+LqXnWSs6jvCfc1R0h70AAAAXXXXXXXXXXXXXXXXX01ZuteA6piambYaBwV6ZHJtSOPc1ZsG</cpix:PSS
H>
<cpix:ContentProtectionData>PHBZc2ggeG1sbnM9InVybiptcGVnOmNlbnM6MjAxMyI+OUFBQVAzOnpiMmdBOUFBOTd1K0xxwG5XU3
M2an1DZXXXXXXXXXXXXXXXXXXXXXXXXXXXXFCV1Y2WkhKdFNPUgNswNHPc9wc3NoPg==</cpix:ContentProtectionData>
<cpix:ContentProtectionData/>
<cpix:HLSSignalingData playlist="media">I0VYVC1YLUtFWtpNRVRIT0Q9U0FNUEXFLUFFUy1DVFISS0VZSUQ9MHhj1YjM0MzFjNT
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## Additional Information

For additional questions and comments please contact: [simplify@ezdrm.com](mailto:simplify@ezdrm.com)

Original – CPIX 2.x Keys Guide V1.0

10/25/22 – added Secure Token versions

1/27/2025 – added logo with registered trade mark