



# Video DRM Guide

December 18, 2019  
For Vitrium Security V.8.x



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## How to protect Videos with Vitrium's video DRM

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### Introduction

Vitrium's video DRM allows you to protect a wide range of video file formats with 256-bit AES encryption and enables you to control viewer access with advanced DRM policies.

Vitrium supports MP4, MOV, WMV, FLV, AVI, and MKV video formats. Same as documents and images, with Vitrium's Digital Rights Management you are able to apply dynamic watermarks, expiration controls, open limits, IP address and country restrictions.

**IMPORTANT NOTE:** Video DRM is available only on video subscription accounts. If you wish to add it to your current subscription, please contact your account manager or email [sales@vitrium.com](mailto:sales@vitrium.com).

### Steps to protect a video file

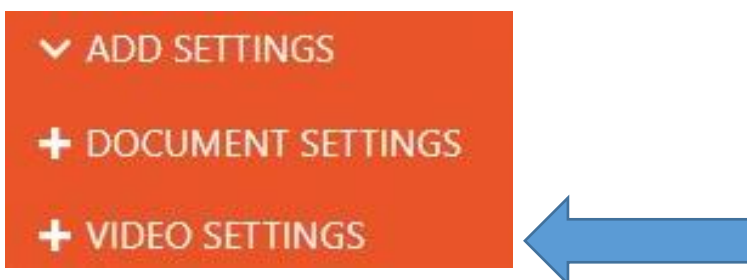
#### 1. Add a new video setting

Go to Settings> Content Settings

1 of 1					
Search					
NAME ^	TYPE	ADDED ON	PRINT	COPY	
3 watermarks- Allowed printing and copying		11/6/2018	Yes	Yes	
Allow Print, No Copy, 3 Watermarks		1/22/2019	Yes	No	
Audio		10/9/2019	n/a	n/a	
Copyright Video Content Settings		11/12/2019	n/a	n/a	
document_default		11/2/2018	No	No	
No print, no copy		11/27/2019	No	No	



Click on the “Add Settings” button and choose VIDEO SETTINGS:



## 2. Fill in the required fields.

**Name:** Enter a name for your Video Content Setting (For instance, License for Video)

**Protected as:** Below are two options you can choose from:

- **Full DRM** – This is the default option and will provide you the fullest extent of DRM for your content including the ability to control settings at the user level (user authentication, password-control, expiry date control, device limit control, and so on).
- **Social DRM** – This option removes all user DRM controls and there is no login or authentication mechanism required for accessing content but it will still allow you to retain control over your content such as applying watermarks to your videos. All the analytics are available for videos protected with social DRM except the user and group names.

**Case sensitive password:** This option allows you to force login credentials to be case-sensitive.

**Select Watermark 1:** Select from existing Dynamic or Text watermarks from the drop-down list or create a new one by clicking on + button. You can add multiple watermarks by clicking on ‘Add Watermark’ link. To learn more about Watermarks and how to create them, visit [Watermark Settings](#)

Click **Save & Exit**



Example of completed watermark setting:

### 3. DRM Policy Settings:

Adding a DRM policy for a video content is the same as other content with 2 exceptions.

**IMPORTANT NOTE:** Vitrium's protected videos are streamed with a secure HTML5 video player and doesn't allow end user to download it or save/view it offline. Therefore, Offline Access and Web Browser Print Limit are not available for video content.

### 4. Upload content:

Go to Content tab > click on ADD CONTENT

1. Click the **+ ADD CONTENT** button and the "Add Content" box appears
2. **Upload Content:** you can upload content (as a single file or multiple files) via two methods:
  - a. Click BROWSE and select your file(s) from your computer or a network
  - b. Drag and drop your files from anywhere onto this screen
3. **Content Settings** Choose the Video Content Setting that you have set up for videos. After selecting the content setting, you will be able to see the if it has watermark or not



**Add Content** ✕

**Upload Content \*** BROWSE ⓘ (max. size: 1 GB)

Vitrium, Explained..mp4 39.8 MB

Drag and drop your content here

**Content Settings \*** Copyright Video Content Settings + ⓘ

**Has Watermark** Yes

User-specific: Copyright Vitrium \_newLine\_ \_userId\_  
User-specific: Viewed by \_userName\_ on \_date\_ \_time\_

**Tags**  ⓘ

\* indicates a required field

✓ SAVE & EXIT

### Advance Options tab:

- **Content Name:** you can enter a different file name if you wish to change it from the original.
- **Upload Thumbnail:** you can add a thumbnail image as the preview image in the video player.
- **External Key:** It allows you to store your own ID for your own content management system.
- **Notify User When New Version is Available:** the default is always checked so end users will always be notified when there is a new version (or even an update made) to the original file that was uploaded.

### Permission Tab:

This is where you assign USERS or GROUPS to have access to your secured content:

- **Add Users or Groups:** check the box beside any of the users or groups you wish to assign permissions to this file; the selected users and/or groups will appear in the right-hand side. If you haven't already set up any Users or Groups, you can always come back to add the Permissions later
- **DRM Policy:** you may select a DRM Policy from the drop-down menu if you wish to apply one at this level (see the [DRM Policy section](#) for more details about other places you can apply a DRM policy)



## 5. Analytics and video engagement reports

We provide a number of analytics and reports for videos some are as follows:

[User Activity Log](#)

[Successful Unlocks by Content](#)

[View-Rate by Content](#)

[View-Rate by User](#)

[Failed Unlocks by User](#)

[User Applications](#)

[User Locations by Country](#)

(Note: some reports are only available to Professional and Enterprise accounts)

To learn more visit [Dashboard & Reports](#).

## Distributing protected videos






Videos uploaded to Vitrium are encrypted, secured and stored in a secure cloud server which delivers a fast video playback experience. Protected videos are accessible via a web link which can be shared by email or embedded on your website. You can also leverage Vitrium's Client Portal or Vitrium's Enterprise integration with your current system.

### Share web link

Click the web link button and, once it opens in a web browser, copy the URL address,

-OR-

Right-click on the link and select "Copy Link Location" and then paste the URL link in an email, your website, or any other method of distribution you are using.

<input type="checkbox"/> CONTENT NAME	ADDED ON ▼	PERMISSIONS	WEB LINK	SECURE PDF	EMBED CODE	VERSION
<input type="checkbox"/>  Vitrium, Explained.	11/27/2018			n/a		
<input type="checkbox"/>  Launch a Secure Client Portal	11/27/2018			n/a		



## Embed Code

Click on Embed code, copy the URL address and paste it in your website HTML codes.

```
</> Embed Code
```

```
<iframe src="https://view.protectedpdf.com/video-HgNF2z" style="min-width: 480px; min-height: 300px; border: none;" allowfullscreen webkitallowfullscreen mozallowfullscreen> </iframe>
```

EXIT

## User Portal

If you have already set up user portal, videos are automatically added to your portal and authorized users will find them once they logged in. Learn more about [Vitrium's User portal](#).

## Integration

With a Vitrium Security Enterprise trial account, you can access Vitrium's RESTful APIs via the Help tab. The explanations for which APIs or methods to use, as well as how to get started are outlined in the API Guides that are provided to you via a secure web portal.


It is strongly recommended that you review the API Guides before attempting to use the APIs. You may also reach out to your Vitrium sales representative to schedule a technical review.





## End-user experience with Vitrium's protected video

Whether you've shared the web link or leveraging Vitrium's client portal, end-users need to login with their credentials. Once they logged in (and clicked on the video in client portal)

**YOUR LOGO**  
Customize the portal with your logo, colors, and URL


Log In | Vitrium Marketing Account EN ▾

Username  
ellen@mcn.com

Password  
••••

☒ Keep me logged in

[REGISTER](#) [FORGOT YOUR PASSWORD?](#)

**YOUR LOGO**  
Customize the portal with your logo, colors, and URL

ellen@mcn.com ▾

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Encryption Overview  
data sheet, encryption, pdf  
8-Jul-2019

About Vitrium Security  
pdf, data sheet  
12-Jun-2019

Key Features in Vitrium  
Features, data sheet, pdf  
12-Jun-2019

Automation & SSO Options  
pdf, data sheet, enterprise  
12-Jun-2019

Hosted vs. On-Premise  
enterprise, data sheet, pdf  
12-Jun-2019

Comparison of Editions  
standard, editions, data sheet, ...  
8-Jan-2019

Vitrium, Explained.  
intro, video, vitrium  
26-Nov-2018

Launch a Secure Client Portal  
vitrium, video, client portal  
26-Nov-2018

Security for Digital Video Sal...  
video, video drm, vitrium  
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Increase Sales with Vitrium  
video, protect revenue-genera...  
26-Nov-2018

Content Security Made Easy  
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26-Nov-2018

Hassle Free Content Security  
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26-Nov-2018

Infographic Video Security  
Infographic, image, video  
20-Nov-2018

Video DRM with Vitrium  
video drm, video, data sheet  
13-Nov-2018

Vitrium's 2 Secured Formats  
protected formats, encryption...

Implementation Services  
data sheet, enterprise, implem...

Image DRM with Vitrium  
image, image drm, data sheet

Tracking & Analytics with Vit...  
data sheet, analytics, reports, tr...

Vitrium Secure Client Portal  
portal, data sheet

Aeris Insight  
Case Study, financial, research

iData Research  
research, market research, Cas...



## Vitrium's HTML5 Video Player

Protected videos are streamed via a secure HTML5 video player, compatible with different browsers and devices without requiring any apps or plugins. To deliver the best playback experience, Vitrium adjust the quality of video stream based on viewers' conditions.

1. Video title on the top
2. Watermarks
3. Player timeline
4. Resolution control

For the best viewing experience, you are able to adjust the video resolution based on your viewing conditions such as the Internet connection, original uploaded video and screen size.

5. Sound controls
6. Full Screen Control

