

Ant Eagle Eagle Ant decentralized video rendering services



WHITE PAPER

Opulentia cresco private limited

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INTRODUCTION

We are very pleased to announce the launch of Eagle Ant cryptocurrency that will now allow you to render your video in no time with the service of decentralized video rendering.

With decentralized video rendering, you can now transfer the burden of rendering your video to us which will ultimately save a lot of your time as your system will be free while we render your videos by sending it to various servers that complete the task in no time.

SIGNIFICANCE OF EAGLE ANT

Before moving forward to the description of our services lets get to know our cryptocurrency

EAGLE ANT is not just a random name, It is the combination of the qualities of an ant and an eagle that further defines our visions.

Our cryptocurrency majorly works on the technology of blockchain which is very well represented by an ant because an ant might look small but can achieve big goals by its quality of working collectively. This is what a blockchain does, it believes in the fundamentals of collectively achieving bigger goals.

But the significance is not only limited to the ant, but it also eagle in it which represents the further goal of the company, that is to achieve bigger heights and have a clear vision like an eagle.

Eagle Ant deals with decentralized video rendering but before understanding decentralized video we need to understand what video rendering is.



VIDEO RENDERING

Video rendering is the process by which a system processes information from a coded data source from your servers and uses that information to finally create a display that is your video. But this process is not as simple as it sounds.

PROBLEMS OF VIDEO RENDERING

TIME TAKING

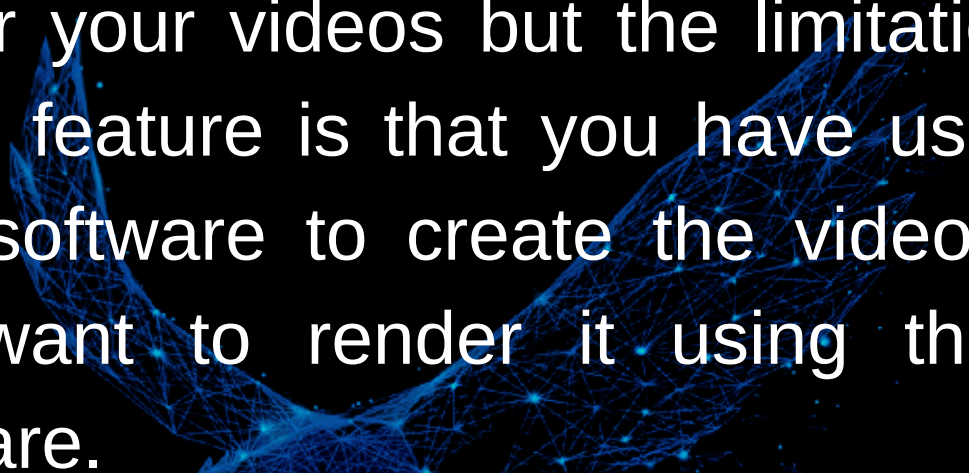
The process of video rendering is very much time taking. It can take hours to render a video which leaves your system occupied.

SYSTEM CAN HANG

Also, it is not very uncommon for the system to hang or heat up while the process of rendering a video as it requires a lot of processing, and your configuration or RAM might be less to support it.

EXISTING SOLUTION

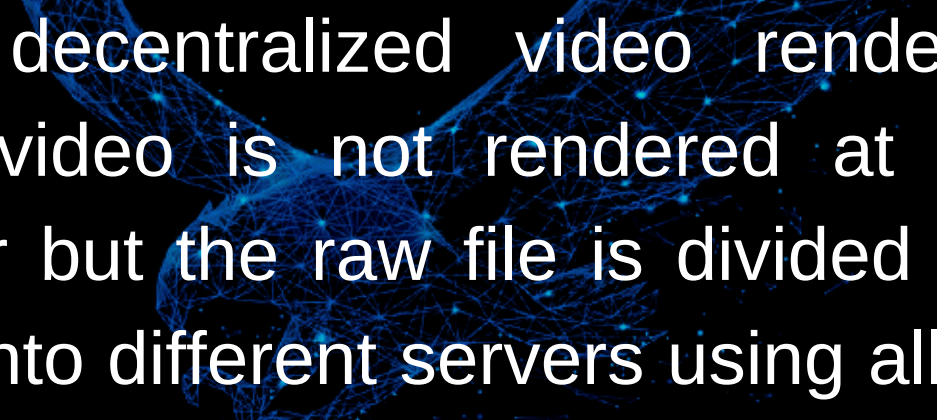
Some websites provide the facility to render your videos but the limitation to the feature is that you have used their software to create the video if you want to render it using their software.



LIMITATION

In order to use theseares you will have to stop using Adobe Premier Pro

WHAT IS DECENTRALIZED VIDEO RENDERING?

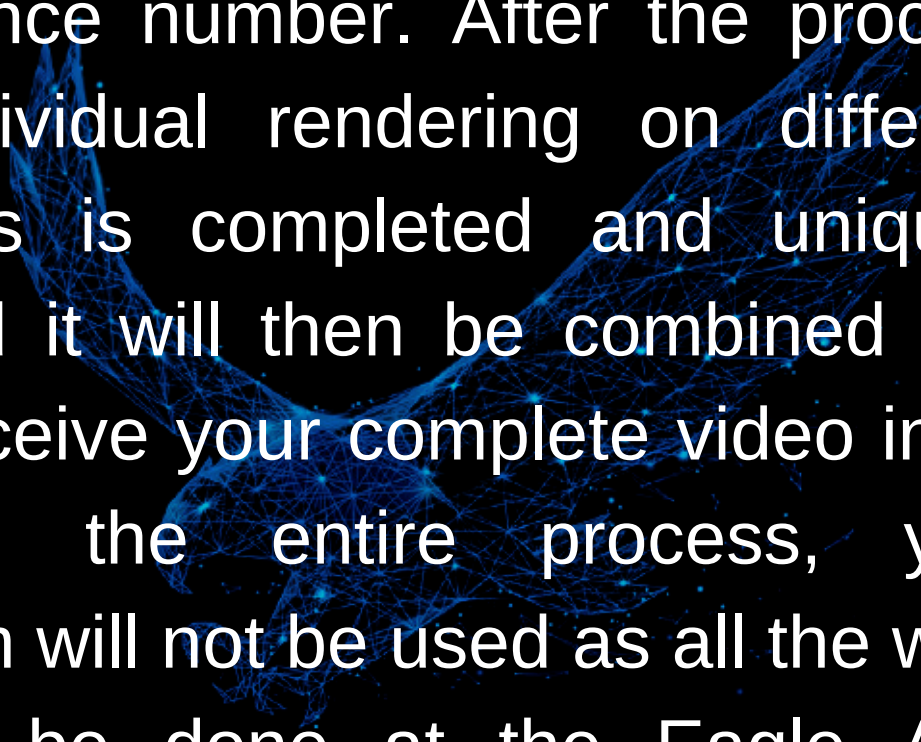


With decentralized video rendering your video is not rendered at one server but the raw file is divided and sent into different servers using all the safety measures for the video to be rendered in much lesser time than it would have taken in a single server.

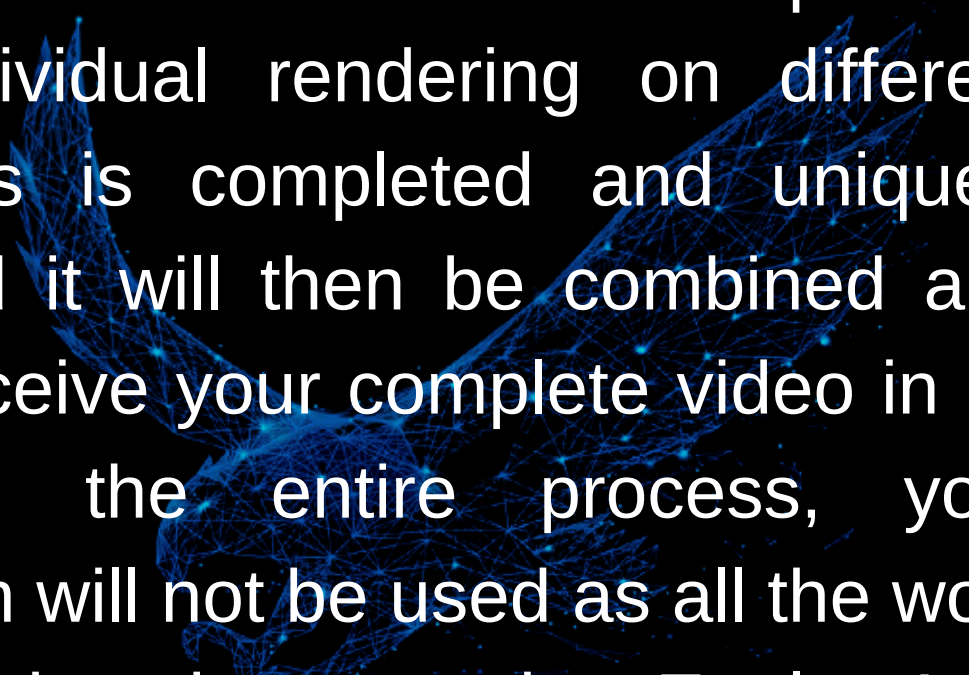
UNDERSTANDING DVR

It starts with editing video on adobe premiere pro and while exporting we need to select Frame Server instead of MP4. On selecting frame server you will see a pop-up script of Eagle Ant that you need to download from our website. Our script will further divide your frames into parts and stream them into various servers on eagle ant nodes.

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Each node will render your video individually and separately from another server and will have a unique sequence number. After the process of individual rendering on different servers is completed and uniquely named it will then be combined and will receive your complete video in no time. In the entire process, your system will not be used as all the work would be done at the Eagle Ants ecosystem



Each server will render your video individually and separately from another server and will have a unique sequence number. After the process of individual rendering on different servers is completed and uniquely named it will then be combined and will receive your complete video in no time. In the entire process, your system will not be used as all the work would be done at the Eagle Ants ecosystem

FRAME SERVER.

A-Frame server is any program that acts as a media source in the process called frame serving, which transfers digital video data from one computer program to another without intermediate files.

WHAT IS FFMPEG?

FFmpeg is a free and open-source software project consisting of a suite of libraries and programs for handling video, audio, and other multimedia files and streams. At its core is the command-line FFmpeg tool itself, designed for processing video and audio files.

WORKING MODEL

WORKING MODEL OF DECENTRALISED VIDEO RENDERING

STEP 1



Complete editing your video on Adobe Premier Pro

STEP 2



Select FRAME SERVER while exporting

STEP 3



Eagle Ant script will pop-up and start configuring to render your video .

STEP 4



After rendering save the output to your desired folder

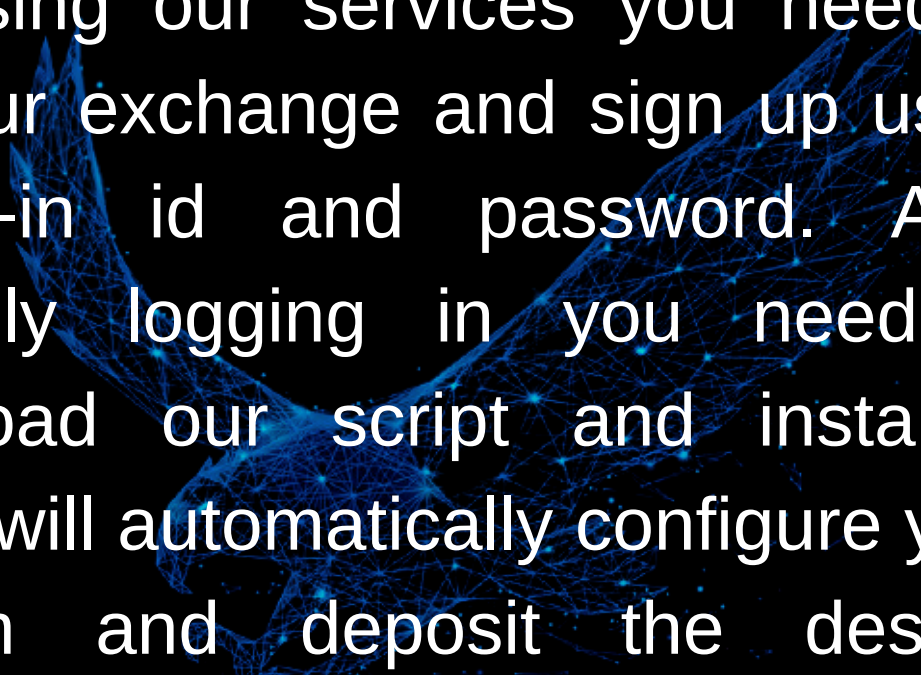
BENEFITS OF DECENTRALISED VIDEO RENDERING



The system is available for your use while we render your videos .

It also saves your time and protects your system from hanging.

How to use our service?



For using our services you need to visit our exchange and sign up using a log-in id and password. After securely logging in you need to download our script and install it which will automatically configure your system and deposit the desired amount of money according to which we will be issuing you our cryptocurrency that is Ant Eagle.

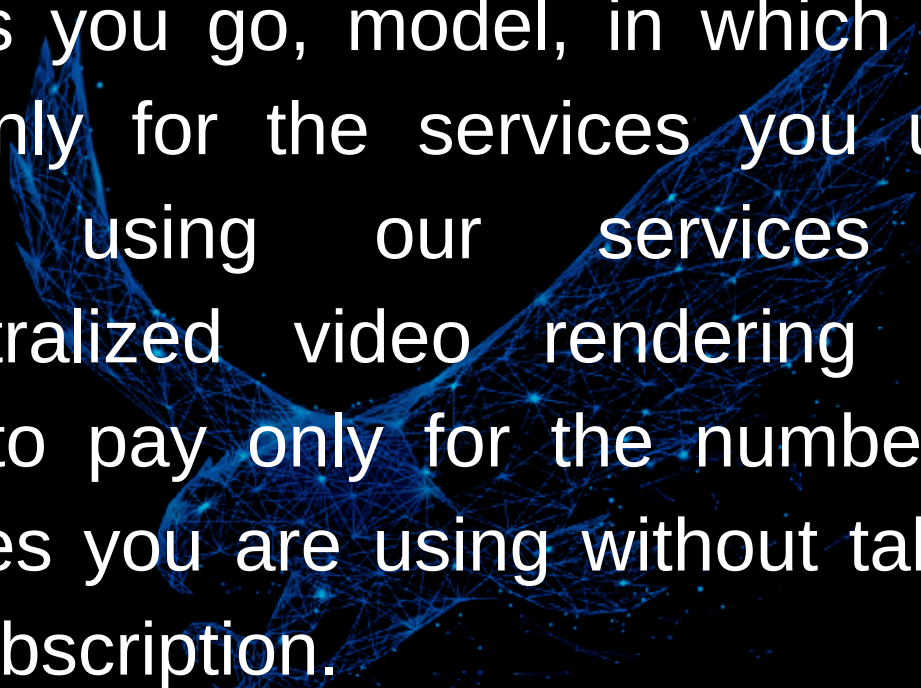
Service charge will be one Eagle Ant token PER MINUTE

This crypto currency can further be used to pay us as you use our decentralized video rendering software.



PAY AS YOU GO

All the payments will be made as per pay as you go, model, in which you pay only for the services you use. While using our services of decentralized video rendering you need to pay only for the number of services you are using without taking any subscription.



REFERENCE

- <https://anteagle.tech/>
- <https://www.techwalla.com/articles/what-is-video-rendering>
- <https://en.wikipedia.org/wiki/Frameserver>



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