



Nekojarashi and Morpho Announce the Release of a Cloud Video Processing Service, Setaria.cloud

Tokyo, Japan – January 30th, 2019 – Nekojarashi Inc. (hereinafter, “Nekojarashi”), a company specialized in cloud services for creativity purposes, and Morpho, Inc. (hereinafter, “Morpho”), a global leader in video / image processing solutions and imaging AI solutions, have collaborated to develop Setaria.cloud (<https://setaria.cloud>), a service providing a powerful video processing tool on cloud. This service will be available for businesses starting from January 30, 2019.



This service, which brings Morpho’s video processing algorithm into a cloud platform developed by Nekojarashi, allows its user to have access to powerful high-speed video processing tool, regardless of the user’s work environment. Thus, dramatically reducing the time and workload normally required for video processing works.

With advanced enhancement features such as Upscaling, Frame Interpolator, De-noise etc, along with multiple formats support, it is aimed to serve broadcasters, OTT*1 media services, post-production works, and other related industries.

*1: OTT is an abbreviation of “Over The Top”, the term used for video and audio services delivered over the Internet as well as service providers which deliver that content.

■ Special Features of Setaria.cloud

1. UI-based Workflow Builder

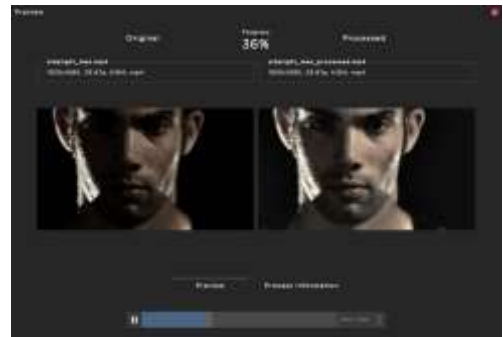
Setaria.cloud allows the user to apply multiple video enhancement modules in a single continuous task with “Workflow”. This means a huge time and cost saving for the user rather than having to process multiple times to achieve the desired result. All of it can be done with an easy-to-use Web User Interface.



2. Glimpse

Glimpse is a feature that allows you to have 5-seconds preview before you start processing your video, and a real-time side-by-side preview during the processing. This allows you to have a “glimpse” at how user’s video will look without having to wait for the completed result.

- Pre-processing preview
- Realtime side-by-side comparison
- Video thumbnails
- Video processing workflow saving feature



3. Video Processing Technologies

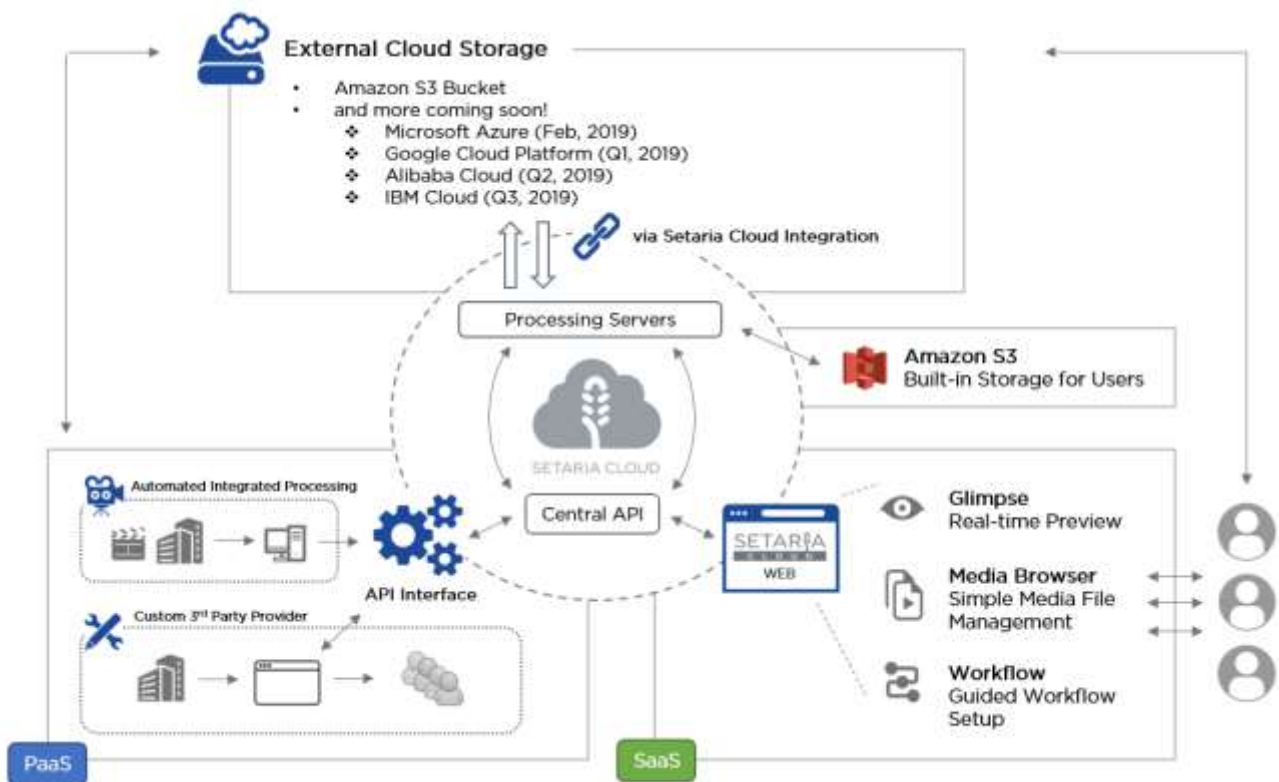
Functions	<p>Upscaling → Upscale a video with Super-Zoom e.g. Full HD→4K、SD→4K、4K→4K</p>
	<p>Frame Interpolator → Utilizing intelligent movement detection and prediction technologies to give you the smoothest video possible. e.g. 30p→60p、50i→59.94i、59.94i→24p、50i→23.97p</p>
	<p>De-noise → A technology to remove video noises while keeping the finer details on the video.</p>
	<p>WDR (Wide Dynamic Range Correction) →Auto-adaption of light and dark area to generate beautiful video with most suitable local tone mapping.</p>

	<p>Video Stabilizer → Reduce blurring caused by the motion of a camera or other imaging device during exposure.</p> <p>Hyperlapse → Create a smooth timelapse by reducing unnecessary blur or movement.</p> <p>Slow Motion → Assist to make slow motion video up to 100 times slower with dynamic detection technology.</p>
Supported Platform	Google Chrome, Firefox
Supported File Format	<p>Input</p> <ul style="list-style-type: none"> ▪ 3GP, ASF, AVI, DPX (Planned), FLV, GXF, HDV, JPEG 2000, MKV, MP4, MXF, MPEG, MPEG-TS, QuickTime, RM, TIFF (Planned), WMV, VOB <p>Output</p> <ul style="list-style-type: none"> ▪ AVI, DPX (Planned), MOV, MP4, MXF, TIFF (Planned)
Supported Audio Codec	<ul style="list-style-type: none"> ▪ AAC, PCM, OGG, MP3
Supported Video Codec	<ul style="list-style-type: none"> ▪ H.264/AVC, H.265/HEVC ▪ XDCAM HD, XDCAM HD422 ▪ XAVC HD Intra, XAVC HD Long, XAVC 4K Intra, XAVC 4K Long, XAVC S ▪ AVC-Intra 50/100, AVC-Intra 4K 422, DVCPRO, AVCHD (Planned) ▪ ProRes 422/4444 (Planned, Decode Only) ▪ DNxHD/HR (Planned)

4. API and Cloud Integration

All major functions such as starting a video process and managing integrations are accessible securely via Setaria.cloud's API gateway. It offers flexible usage and simple analytics where various features of Setaria.cloud can be embedded into custom-built systems and services.

Setaria.cloud uses Amazon S3 for its asset storage, BYOS (Bring Your Own Storage) is also available as an option. Setaria.cloud can be integrated with Amazon S3, with upcoming choices such as Google Cloud Platform, Alibaba Cloud, Microsoft Azure, and more. Batch processing features will be added to the API gateway on upcoming releases.



■ Pricing Plans

	Monthly Fee	Processing Quota	Storage Limit	Download Quota	Member Limit
Basic	249.99 USD	60 mins	100GB	100GB	10
Pro	749.99 USD	300 mins	500GB	500GB	Unlimited
Business	1,999.00 USD	1,200 mins	1TB	1TB	Unlimited

*Pricing plans are applied to each contracted company

*Enabled features might differ from each plan

About Nekojarashi Inc.

Under the mission of “Drive people’s creativity through the cloud”, Nekojarashi has developed and offered JECTOR, a cloud workspace, which is exclusively for the creative industries such as video, music, publication, printing and advertising, for previewing videos, images, sounds, 3D, PDF and various other types of data without any customized software, irrespective of the time and place.

For more information, visit <https://www.nekojarashi.com/en>.

About Morpho, Inc.

Established in 2004, Morpho is a research and development-led company in image processing technology. It has globally expanded its advanced image processing technology as embedded software, for domestic and overseas customers centered on the smartphone market, broadcasting stations and content providers. It has also provided image recognition technology utilizing Artificial Intelligence (AI), collecting image information captured by cameras into devices and clouds and analyzing it, for fields such as automotive devices, factory automation, and medical care. Morpho will provide broad support, making a wide range of innovations happen with its imaging technology and Deep Learning technology. For more information, visit <https://www.morphoinc.com/en>.

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