

**ImageBrew® generates data from captured images, augments the images with environmental effects and labels the data to required specifications.**



**OVERVIEW**

ImageBrew® is an AI computer vision data processing capability that automatically generates data from captured images, and augments the images with environmental effects and labels the data to required specifications. The data is then stored for computer vision algorithm training based on specific application needs.

**TECHNICAL**

Designed for computer vision product developers who create pipelines for processing image data, ImageBrew synthetically produces images of the highest quality without the need for additional curation efforts. Unlike existing solutions that require humans to manually isolate images, remove backgrounds, augment the images and label the data, ImageBrew is a fully automatic synthetic data processing API designed to integrate seamlessly with the developer’s system and processes.



Original Image



ImageBrew Removes Background

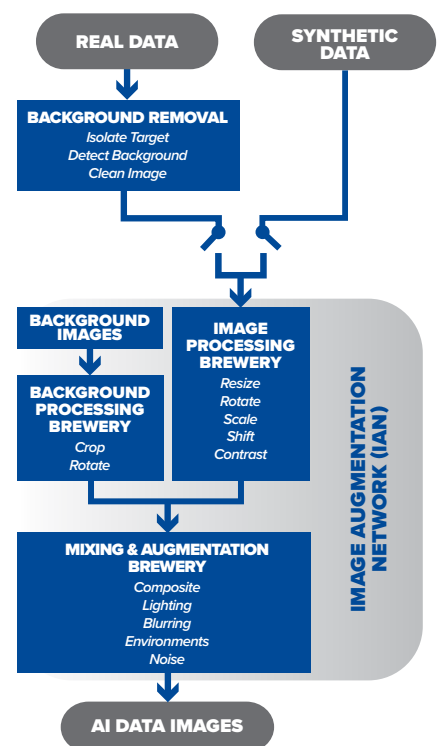


ImageBrew Adds Synthetic Backgrounds



ImageBrew Adds Atmospheric & Lighting Effects

**Arcarithm’s Advanced Computer Vision Data Pipeline**



**ImageBrew™ pricing as shown is based on a single named user. Multi-user packages are available based on individual customer needs.**

ImageBrew can be activated on up to four different computers, provided that the products are only accessible to and used by that single named user. A named user may not use a program on more than two computers simultaneously.

Perpetual licenses provide the right to use the software indefinitely, and the first year of Archarithm's Software Maintenance Service is included in the initial purchase price. After the initial 12 month period, an annual fee is required to renew your Software Maintenance Service.

Annual licenses provide the right to use the software for a fixed duration, and Archarithm's Software Maintenance Service is included in the license fee. To ensure uninterrupted service, you may renew your license prior to the conclusion of the license term. Otherwise the license and Software Maintenance Service will expire at the end of the term period.

The license is restricted to a single country of operation.

Global Individual licenses are available to serve users around the world. Contact Archarithm for pricing information.

The first year of Software Maintenance Service is included with new product licenses. You can continue uninterrupted service in subsequent years by renewing your subscription annually. Archarithm's Software Maintenance Service includes:

- *The latest updates to your ImageBrew® product – with releases twice a year*
- *Worldwide technical support from specialized engineers*
- *ImageBrew® Mobile on Archarithm's Cloud*

*Note: An active subscription is required to purchase add-on products. If your subscription lapses, you may incur additional fees for applicable back maintenance and reinstatement.*

## IMAGEBREW® PRICING

<b>Perpetual License</b>	<b>USD \$3,980</b>
<b>Annual License</b>	<b>USD \$1,590</b>

## SYSTEM REQUIREMENTS

CPU	Intel Core 2 or AMD Athlon II (or better)
Memory (RAM)	64-bit System: 8GB minimum 32-bit System: 4GB minimum
Operating Systems	Ubuntu 16.04 or higher RedHat 7
Graphics Card	NVIDIA GeForce 8400 series or ATI X1600 (minimum)
Minimum Screen Resolution	1280 x 720 pixels
Storage	128GB

*Complete Sample Data Library is approximately 64GB.  
Optical Drive DVD-ROM for Program and Content installation  
(for boxed versions of ImageBrew).*

## PRODUCT DETAILS

Manufacturer	Archarithm
Product Name	ImageBrew®
Version	2019
Manufacturer Part Number	A2019A
Product Type	Single License
Platform	Linux
Shipping Method	Digital delivery

## ABOUT ARCARITHM

Deep Learning and Artificial Intelligence (AI) are buzz words commonly used throughout defense and commercial markets, often without true understanding of those terms. At Archarithm, we are defining those terms and more, with proven solutions on par with multinational tech leaders. From the big picture distinction between strong and weak (or narrow) AI, to the fine-grained focus of deep versus shallow neural networks, Archarithm delivers a depth of understanding and operational maturity beyond the capability of most companies. Our experience with every aspect of algorithm design, training, deployment and evaluation allows Archarithm to produce quality products quickly and effectively, with the highest levels of reliability and accessibility.