

## How Neurala's Award-Winning AI is Transforming Photography

Image segmentation is the process of automatically identifies specific objects and their boundaries in an image. Neurala's state of the art segmentation solution is able to segment multiple objects with a high level of accuracy and the flexibility to customize the user experience for any photo editing tool. This can be applied in countless ways to give the end user a better experience: custom filters can be created that adjust saturation, brightness, contrast and more to edit photos seamlessly and quickly. Neurala's solution is smaller, faster, and more accurate than state of the art alternatives.



### USE CASES

#### Smart Devices

What if you could have a better understanding of what's in photos even automate that process? Whether working on a smartphone or a camera that leaps ahead of its competition through on-device intelligence, Neurala's segmentation is light and nimble, allowing it to improve images on devices of all sizes.



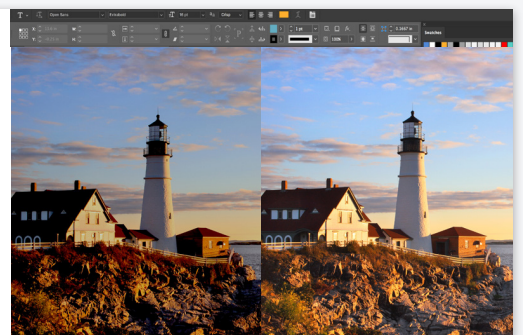
#### AR/VR

Segmentation makes AR and VR applications more realistic and flexible. By identifying and selecting key subjects, developers can manipulate their surroundings more effectively.



#### Photo Editing Software

Segmentation-enabled editing platforms allow users to easily select and modify a range of objects—without manually highlighting each region. Photographers and editors can easily change brightness, contrast, saturation, and other features by leveraging this tool. Photo editing, image manipulation, and object detection can improve photographer interaction and usability.



### WHY NEURALA?

#### Accuracy



State of the art accuracy with many-fold size and speed advantages compared to competitors

#### Faster



Neurala's AI can be more than 10 times faster than leading competitors

#### Smaller



Neurala's AI is lightweight and can function on devices of all sizes

#### Data



Neurala has collected and annotated 120,000+ images to create the best foundation for AI

#### Low Cost



Neurala has greatly reduced the cost related to AI-enabled photo editing through leading expertise in low-end hardware optimizations

#### Optimized Memory



Neurala has optimized our software both to free up your user hard drive space and allow an increase in throughput

#### In-House Expertise



Neurala's executive team holds 4 PhDs and over 20 years of AI experience, and the company controls 19 patents

### BUILDABLE FEATURES



Creates and learns custom settings for specific object types that are buildable based on user preference



Four-class base brain of people, bodies of water, sky and buildings, with the option to add pets, plants, flowers, and custom classes



Customizes and develops filters for similar photos, allowing the AI to predict the user's edits



Edits, tags and sorts photos in bulk, eliminating mindless tasks and freeing up user time and creativity