



# Using Computer Vision A.I. for better engagement in the retail industry

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Imagga Technologies @imagga

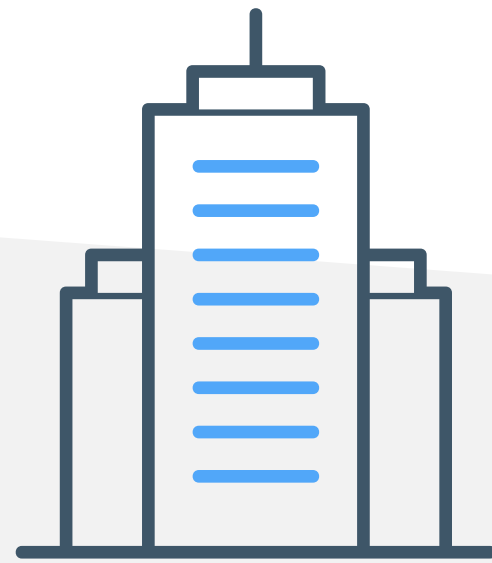
B2B TECH FORUM, 29th of March 2019



IDC  Innovator  
2016



more than



**250**

**Business Customers**

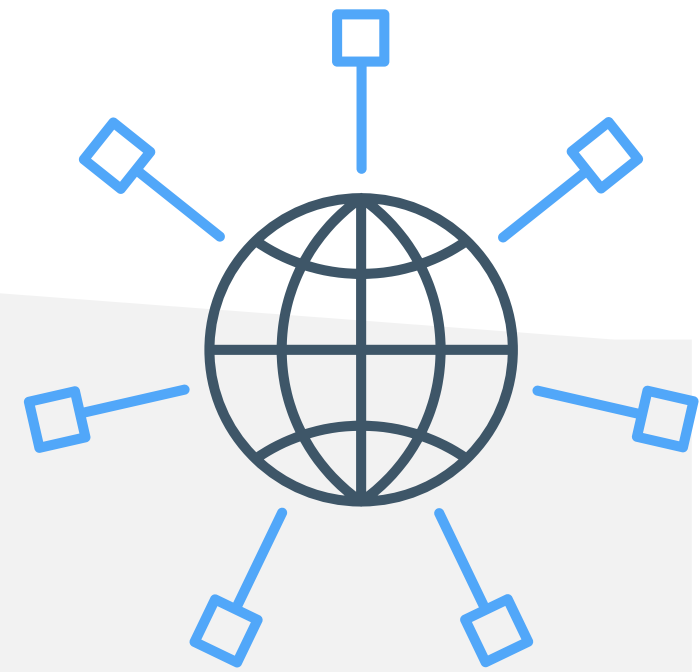
more than



**19K**

**Developers**

in more than



**85**

**Countries Worldwide**

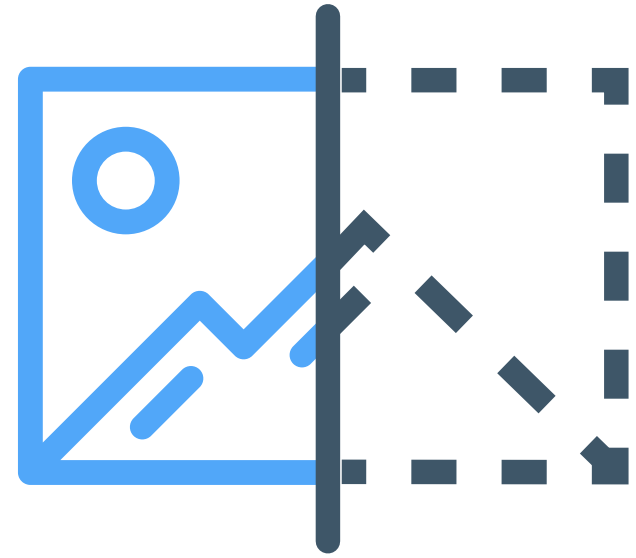
10B+  
photos



One of the pioneers and **world leaders** in computer vision A.I

Has analysed and tagged **more than 10B client photos** via its cloud and on-premise APIs

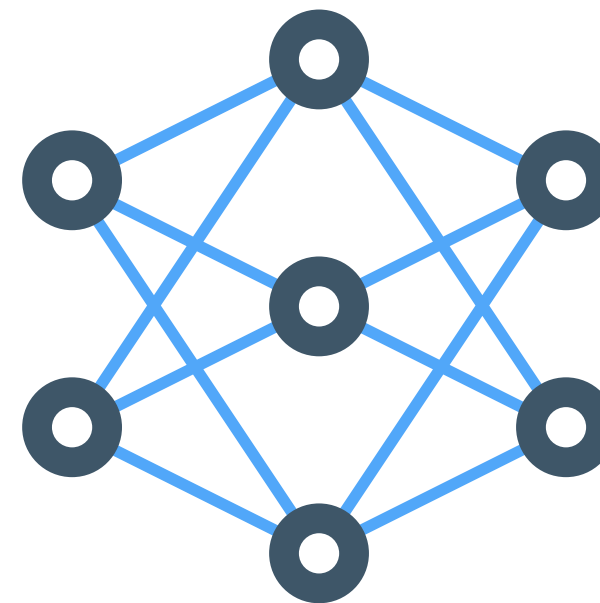
Has trained possibly the **largest image classifier** in the world (320K+ classes), used in the PlantSnap mobile app (top 5 best seller in the App Store for 2018)



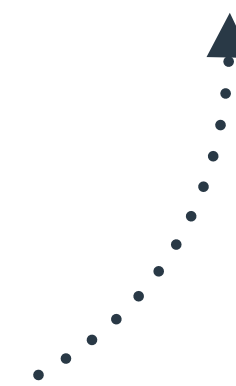
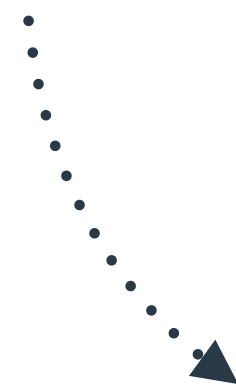
**Automated Analysis**  
of raster/pixel data



**Image Tagging**  
and/or Indexing

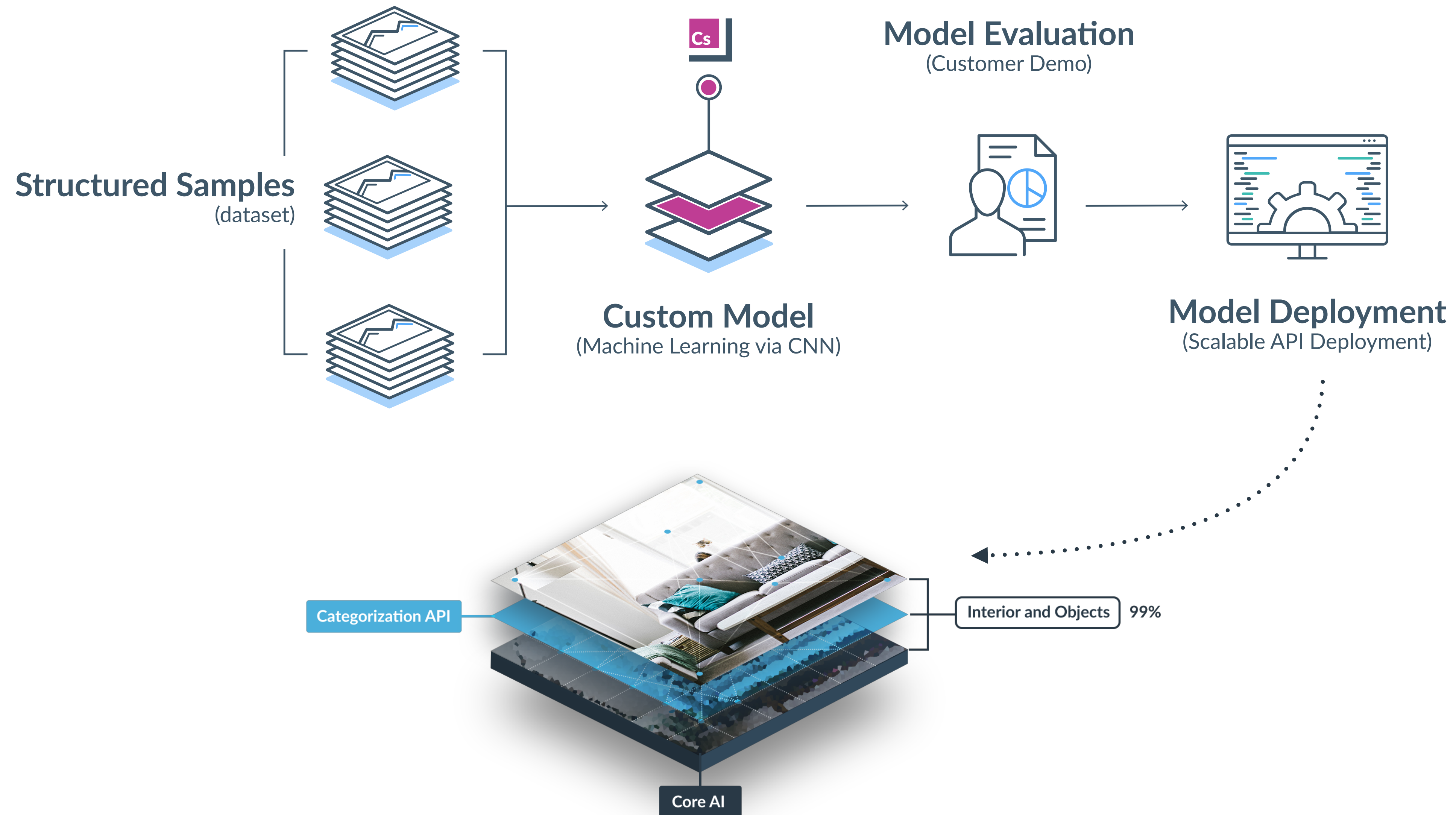


**Neural Networks**  
+ deep learning  
+ feature extraction  
+ semantic expansion





# Supervised Machine Learning

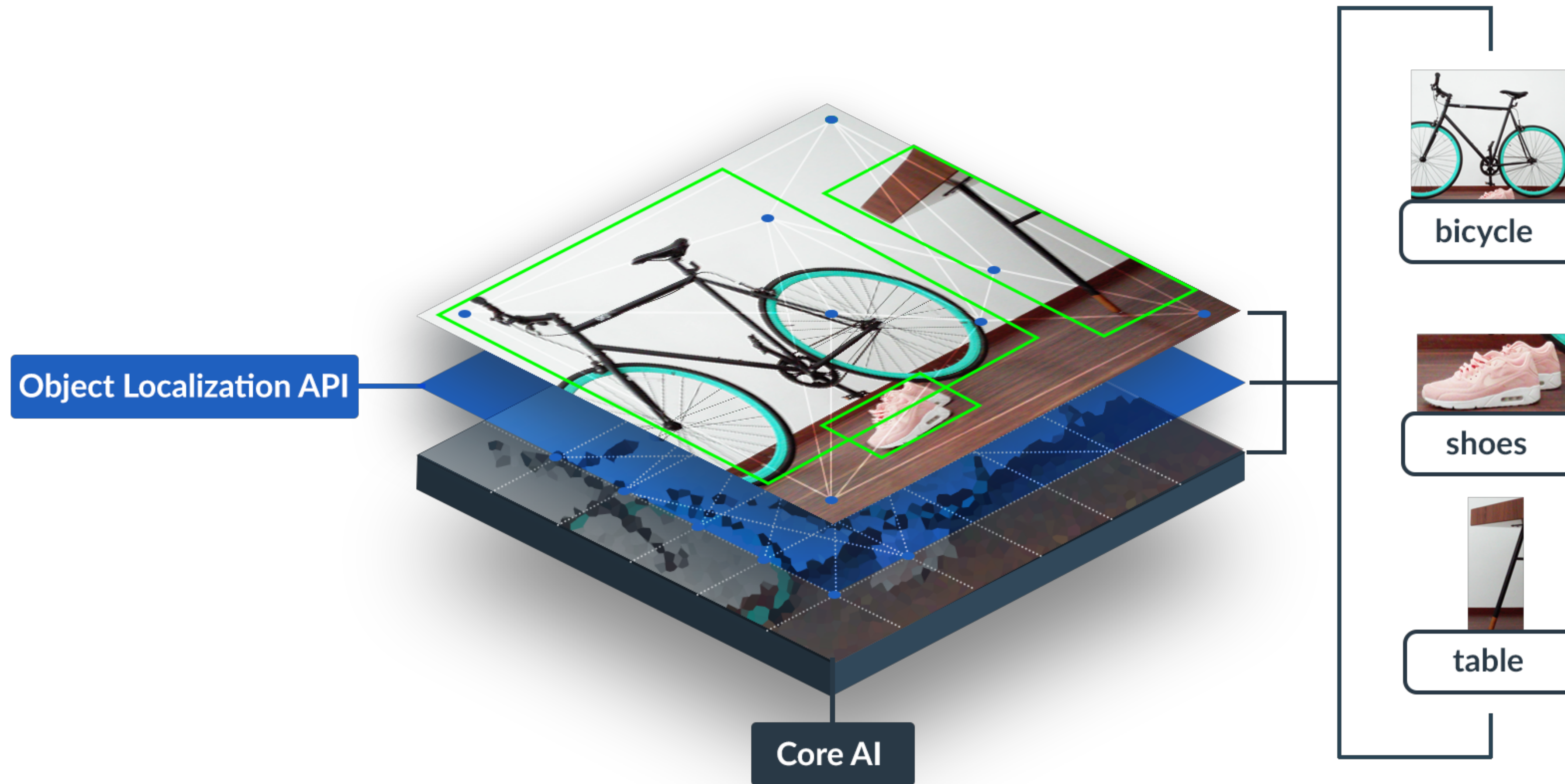






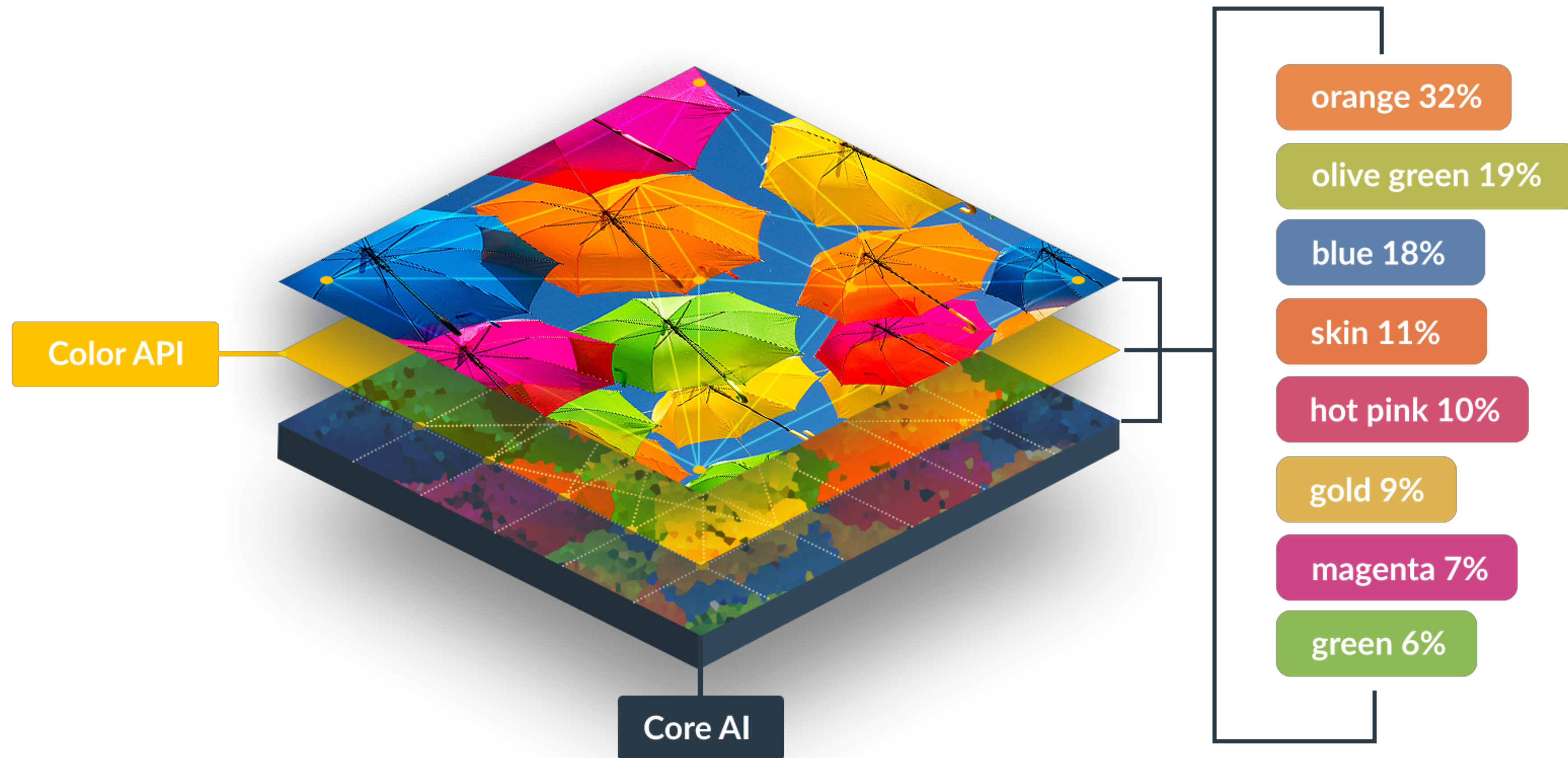
Search within an index of images based on semantic and/or visual similarity.





Exact positioning and eventually more detailed and precise recognition of objects visually represented in the given scene.





Elaborate and precise color extraction, matching and search capabilities.



## Upload your photo

You can upload a photo or paste a URL of an image

Use Region



Note: By uploading files here you agree to have them temporarily stored in our training dataset for the sole purpose of improving Imagga's technology.

UPLOAD IMAGE

Image URL

<https://imagga-demo-uploads.s3.amazonaws.com/tagging-demo/df5ebbfd4f88c>

Tip: You can paste any image URL here and get categories.

Analyze

## Similar Images

distance: 0.93923



distance: 1.11225



distance: 1.13516



distance: 1.22677



distance: 1.27032



distance: 1.27324



distance: 1.28385



distance: 1.28485



distance: 1.28610



distance: 1.28684



distance: 1.28719



distance: 1.29063





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UPLOAD IMAGE

Image URL

<https://imagga-demo-uploads.s3.amazonaws.com/tagging-demo/3a2298b132fc3>

Tip: You can paste any image URL here and get categories.

Analyze

## Similar Images

distance: 1.03901



distance: 1.04587



distance: 1.04900



distance: 1.06797



distance: 1.07779



distance: 1.11537



distance: 1.12131



distance: 1.12727



distance: 1.13032



distance: 1.13626



distance: 1.15444



distance: 1.17752





## Upload your photo

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Disable Region



Note: By uploading files here you agree to have them temporarily stored in our training dataset for the sole purpose of improving Imagga's technology.

UPLOAD IMAGE

Image URL

<https://imagga-demo-uploads.s3.amazonaws.com/tagging-demo/3a2298b132fc3>

Tip: You can paste any image URL here and get categories.

Analyze

## Similar Images

distance: 0.99458



distance: 1.01175



distance: 1.08671



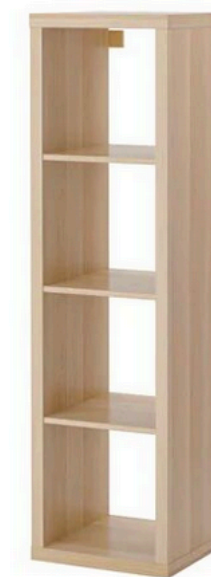
distance: 1.12580



distance: 1.15558



distance: 1.23051



distance: 1.23176



distance: 1.23534



distance: 1.25356



distance: 1.26351



distance: 1.27988



distance: 1.29788







# Thank You!

[api@imagga.com](mailto:api@imagga.com)

[twitter.com/imagga](https://twitter.com/imagga)

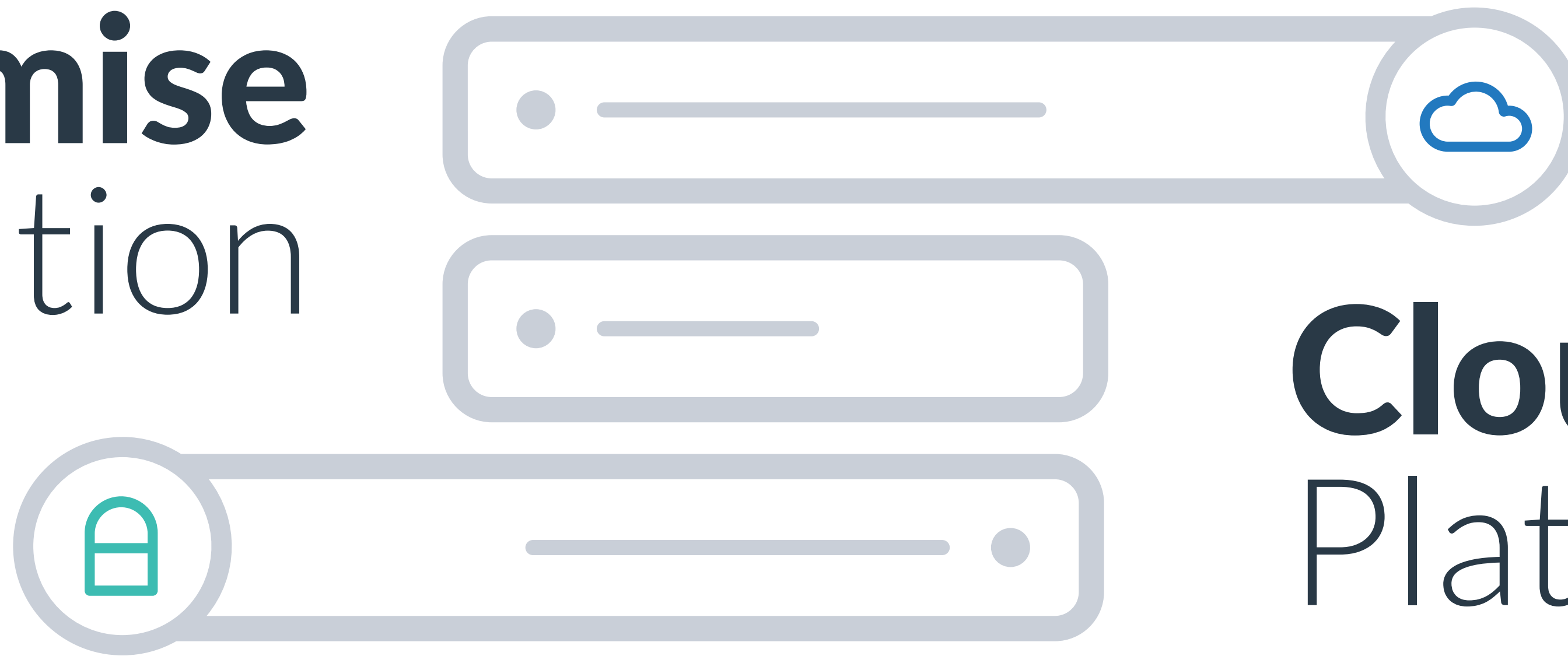
[facebook.com/imagga](https://facebook.com/imagga)





## On-premise Solution

Volume-based  
License



## Cloud API Platform

Monthly Subscription or  
Pay-as-you-go