

# ROC • SDK

## The fastest & most accurate face, text, and object recognition in a single SDK

ROC's 2nd generation software development kit deploys computer vision and machine learning to power the most advanced suite of video analytics.



### Recognize

- **Faces w/Liveness Detection**
  - Verify claimed identities
  - Identify unknown individuals
  - Analyze emotions
  - Check ICAO compliance
  - Detect masks or glasses
  - Count persons in a crowd
  - Cluster unlabeled faces by identity

### Detect

- **Vehicles by type, make, model**
- **Persons**
- **Objects (e.g., Weapons)**

### Read

- **License Plates**
- **Signs**
- **Documents**

### The ROC SDK Difference

- **Faster and more accurate**
  - #1 US Vendor Ranked by NIST FRVT in 2022
- **Ethical & trustworthy**
  - 100% Made-in-America
  - Built meet any number of video streams
  - Top performance from single to 100's of streams
- **Real world performance**
  - Recognize objects and text - in the wild and on the go
  - Lightweight footprint optimized for mobile
- **Easy Integration**
  - OS and platform agnostic with extensive sample code
  - Deploy in the cloud, on-prem, or on a device
- **Minimal upfront investment**
  - Works with existing camera systems
  - Free access to development SDK
- **Easy to buy**
  - Per stream or per transaction pricing models
  - Server or edge licensing

### TECH SPECS

#### APIs



**Architectures: x86, ARM, CUDA**

**Web API Server App**

**Robust Command Line Interface Tools**

**No Internet Connection Required**

**Native Implementation**

**Off-the-Shelf Parallelization**

**Small Binary Footprint**

**Customer Support Directly from SDK Engineers**

**Multiple Licensing Options**

#### COMPATIBILITY



**Rank One**  
Computing

[www.ROC.ai](http://www.ROC.ai)

Made in the USA

For sales support or questions, email [bd@rankone.io](mailto:bd@rankone.io)

# Rank One Computing

Founded in 2015, ROC is an **employee-owned company** with headquarters in **Denver, CO** and offices in **Morgantown, WV** and the home offices of some of America's finest engineers and Computer Vision experts.

We look forward to working with you - as a customer, partner, or colleague - to solve problems, increase engagement, and protect our way of life through ethical and responsible Computer Vision technology.

## Who we are:

Recognized **thought leaders** and **innovators**, with **decades of experience** and numerous patents in **biometrics**, **computer vision**, and **identity solutions**.

## Why choose us:

**Proven experience** developing and deploying **tailored solutions** that **increase trust** in online commerce with **global financial** institutions, strengthen **U.S. military and law enforcement** missions, and enhance **customer loyalty** with **leading retail and entertainment** enterprises.

- DoD and FBI Biometric identification platforms
- Fortune 500 and global banking e-commerce
- State and local public safety and law enforcement missions
- Trusted traveler and spectator programs
- Retail and Entertainment customer engagement and loss prevention

## How we're different:

- > **Engineering-first** approach focuses on efficient, effective, and **game-changing** solutions that **solve customer challenges**.
- > Dedicated to **ethical use of emerging technology** to make spaces - digital or physical - **safer and more engaging**.



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US Dept of Defense  
Agencies



10+

Multi-National  
Financial Institutions



20+

Law Enforcement  
Agencies



80+

Integrator  
Customers



100M+

Facial Verifications  
per Year



www.ROC.ai