

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

Made in the USA

For sales support or questions, email 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**.



6

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