



Biometric Age Compliance

Overview

Arcoscan Inc is a Silicon Valley based technology company that has developed next-generation biometric and artificial intelligence technology for definitive age verification. Arcoscan has developed this technology in collaboration with the Stanford Research Institute (SRI International). Arcoscan's biometric age verification technology will surpass a 99%+ accuracy rate (on par with Apple's FACE ID technology used by more than 100MM people per month).

Vision

Arcoscan's mission is to deliver friction-free biometric age compliance. To achieve this, Arcoscan uses a multi-modal approach that combines facial biometrics with other signals to achieve a 99%+ accuracy rate. Arcoscan also employs an edge computing approach which helps ensure user privacy as no user images, data or biometric information is collected, retained or stored in the cloud.

Age Restricted Products & Services

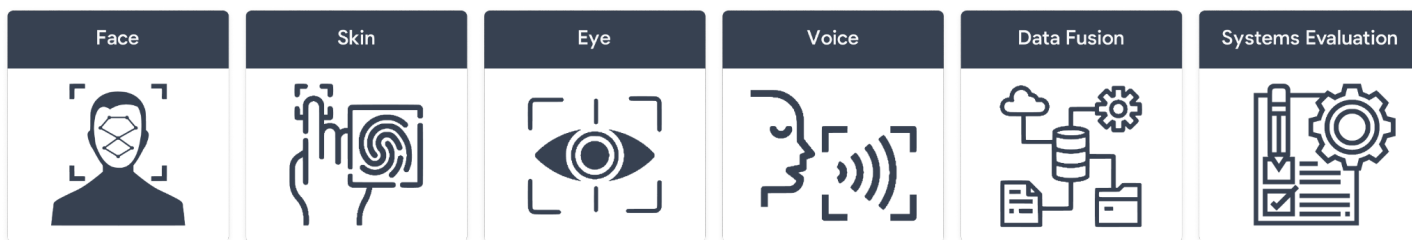
Age verification is essential for a variety of industries representing over \$3.5 trillion in annual activity.

Age restrictions are an effective tool to improve public health, for example by reducing underage access to alcohol and tobacco. As a practical matter, enforcement of age compliance can be porous and compromised in a variety of ways ranging from lax enforcement to circumventions such as fake credentials and social sharing.

Arcoscan has developed a definitive biometric age-verification technology that will improve effective rates of age compliance for age-restricted products and services like Alcohol, E-Cigarettes, Tobacco, Cannabis, Digital Content, Fintech, and Gaming.

Biometric Age Verification

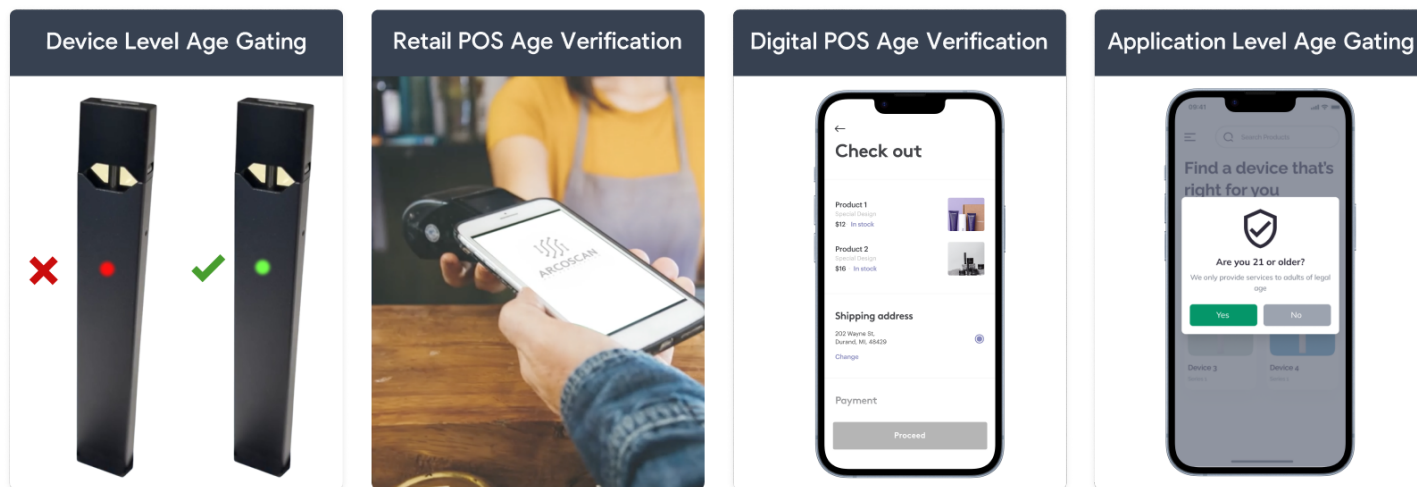
Arcoscan's definitive, reliable age verification produces a number of public health and commercial benefits. Biometric analysis is a superior method of age verification because it can deliver superior accuracy, more security, and greater convenience than traditional methods like document checks and self-reporting. Biometrics can also reduce fraud, protect children, enhance security, and ensure privacy. Biometrics have demonstrated high efficacy in applications like Apple's FACE ID and laptop fingerprint readers, but it is worth noting that broad consumer adoption has required that the technology achieve 99%+ accuracy performance.



Applications

Age-verification is essential for a variety of industries but solutions in the market today fall short of the performance levels necessary for widespread consumer adoption and satisfactory compliance.

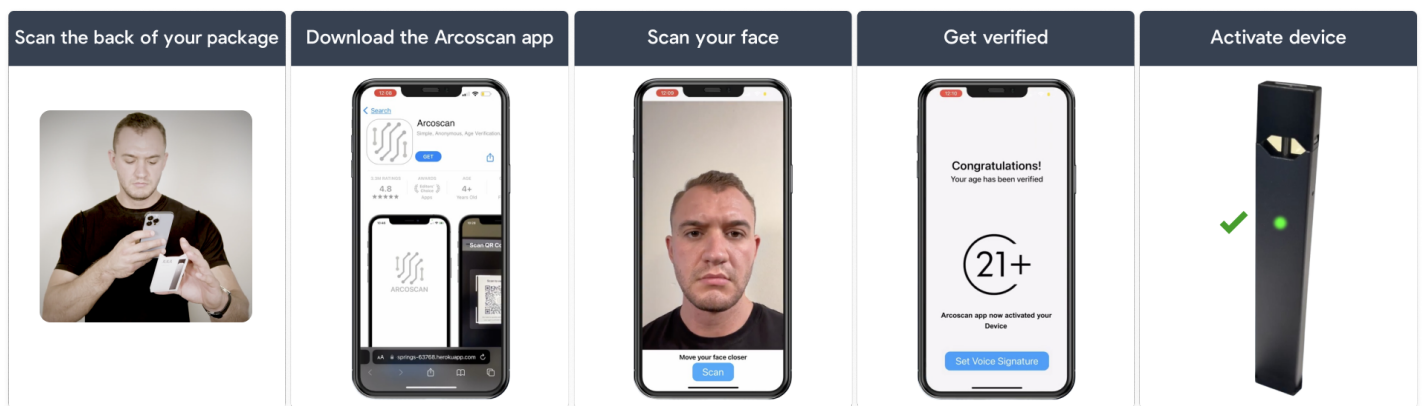
Arcoscan's technology can be deployed across a range of implementations including:





E-Cigarette Specific Solution

In its first commercial application, Arcoscan has developed a device-embedded implementation for e-cigarettes that definitively ensures “last-mile” access restrictions to prevent underage consumption. Device-level implementations ensure the highest levels of compliance and eliminates current circumvention tactics such as fake credentials and social selling. The Arcoscan e-cigarette solution requires the consumer to perform a biometric scan on their smartphone to verify their age before the e-cigarette device will function.



Team

Arcoscan’s founders have started, built, and scaled numerous multi-billion-dollar technology companies over a 25+ year career, and invested in and advised more than 70 different technology start-ups. Arcoscan is bringing together top engineering talent across artificial intelligence, software engineering, advanced sensor engineering and biometric engineering, along with skilled early-stage technology Entrepreneurs.

SRI Background & History

Arcoscan is working closely with teams from the Stanford Research Institute to develop this technology. SRI International has been instrumental in developing the most successful global standards in biometric identification solutions for the United States Department of Defense, DARPA, and countless government agencies in the US and around the world. SRI International is best known for inventing the Internet in 1969 with DARPA and UCLA, but also created SIRI the voice-activated agent found on every single Apple iPhone and used by over 500 million people each month.