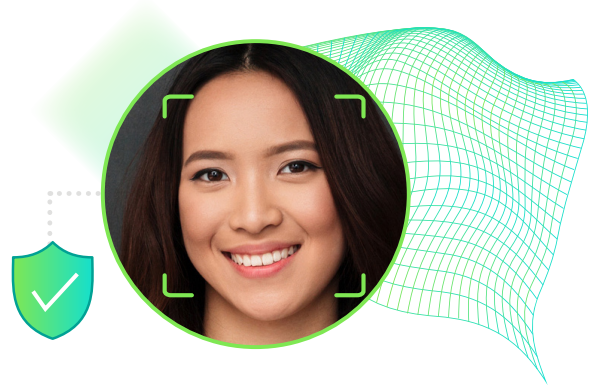


Fast, low-friction age assurance, without slowing down legitimate users



The Challenge

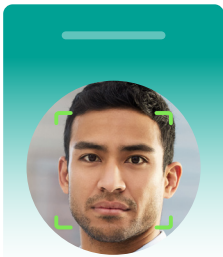
Age-restricted platforms face growing regulatory pressure and legal liability for failing to protect minors online, but applying full identity verification at every touchpoint isn't always necessary, and can create friction for users who don't need it. Estimation alone isn't sufficient for regulated use cases, but it plays a critical role in reducing friction for the majority of users who clearly pass the threshold — a full ID check is only required when further assurance is needed.

What It Does

Jumio Age Estimation predicts a user's age from a selfie. Because selfie verification doesn't inherently guarantee liveness, Age Estimation is paired with liveness detection to confirm a real, present person — not a photo of someone else, such as a parent's photo or an image sourced online used to bypass an age check. It returns a predicted age and confidence range in real time, providing a fast, probabilistic signal to help you flag who needs a closer look.

How It Works

STEP 1



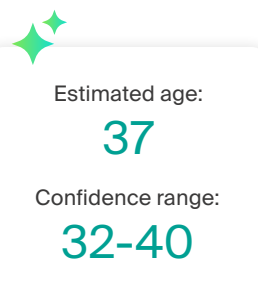
User submits a selfie

STEP 2



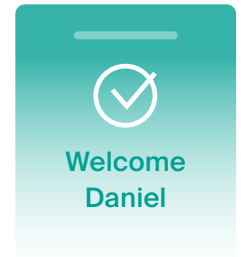
Liveness detection confirms the selfie isn't spoofed or a presentation attack

STEP 3



Jumio's AI model predicts age and returns a confidence range

STEP 4



Your platform applies its own rules — accept, reject, or step up to full age verification based on the result

EXAMPLE:

- ❗ If predicted age is clearly below threshold → restrict or escalate.
- ❓ If uncertain → step up to verification.

Where It Fits

Age Estimation isn't a standalone compliance solution, it's the fast, low-friction front door of a layered age assurance strategy. Users who clearly pass the threshold move through with minimal friction. Users near the edge move on to full ID-based Age Verification, which provides the defensible, audit-ready proof regulated use cases require.



Common Use Cases

- ✔ Content control on social platforms
- ✔ Fraud and misuse detection (e.g., minors using adult credentials)
- ✔ Low-friction pre-screening ahead of full verification
- ✔ Step-up triggers for higher-risk or borderline cases

Key Considerations

Age Estimation returns a range, not a confirmed age. Accuracy can vary by age group and image quality, particularly for younger populations. Like all providers in this category, Jumio also faces industry-wide limits around training data for under-18 populations, due to privacy restrictions on collecting minors' data. This is why Jumio pairs estimation with the option to step up to full verification wherever compliance requires certainty.

Why Jumio

Most age estimation providers rely on visual prediction alone. Where authoritative ID data is available, Jumio can compare age estimation outputs against this data to continuously refine and improve model accuracy, a feedback loop that face-only providers can't replicate.

For users over 18, Jumio also draws on large-scale, globally diverse datasets tied to verified identities, enabling more robust model training and stronger real-world performance across demographics. And because Age Estimation is built on Jumio's broader identity intelligence platform, it's not an isolated check, but one signal among many that strengthens risk-based decisioning across the full identity journey.

Jumio has ranked among the top performers in NIST age estimation benchmarks.

([NIST Results](#))

