

# Age Verification for Online Gaming

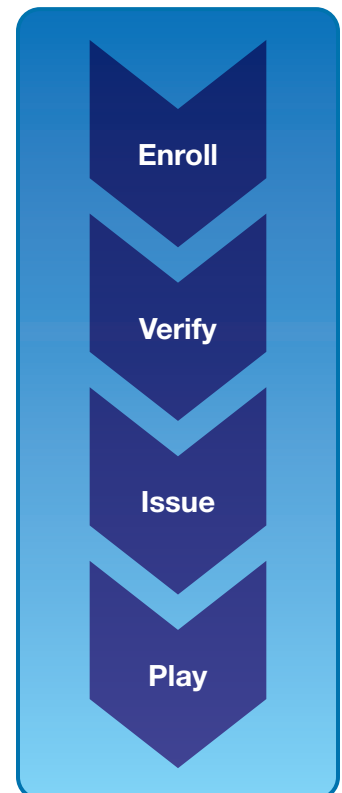
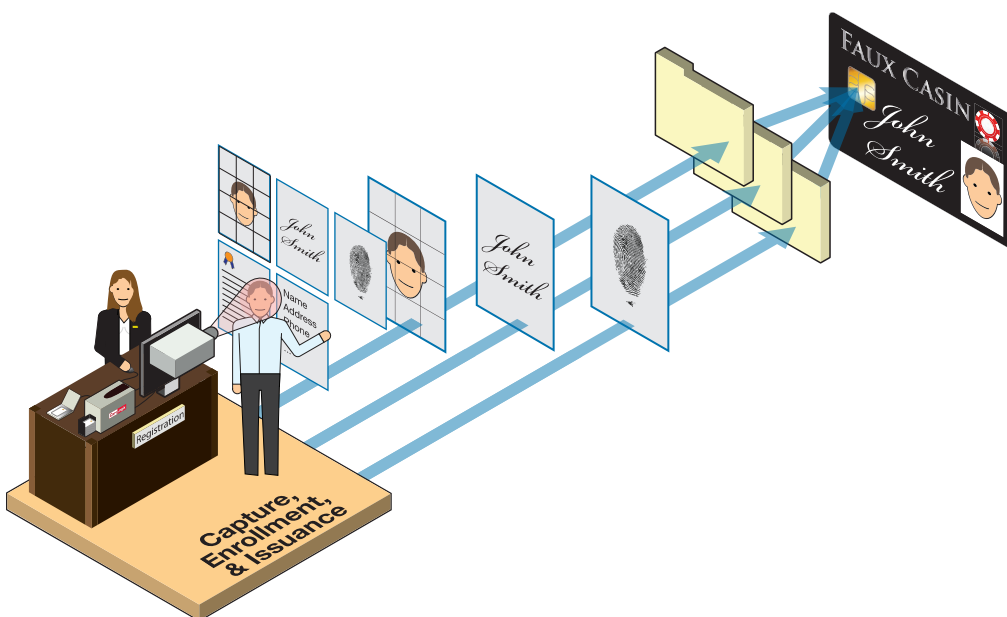
with Multi-factor Authentication



Multi-factor Authentication (MFA) is a verification solution that combines biometric data with smart player cards to reliably confirm online identity and age, thus protecting the gaming house and preventing underage play. CardLogix' MFA works by comparing a stored biometric, such as a fingerprint or facial scan in the card, to a live biometric captured via a camera or scanner. The MFA solution is built with a modular set of hardware and software components that enable enrollment, verification, issuance, and customer play. This methodology is significantly stronger than current identity verification methods. CardLogix MFA protects minors, improves compliance, eliminates charge-backs, and integrates with other casino operations.

## Enroll, Verify, Issue, and Play

1. The player presents their driver license or other acceptable identity document and has their picture taken.
2. The system checks watch lists and verifies that the credential is good.
3. The data from this session is written to files that are transferred into the secure chip on the card.
4. The card is printed and handed to the player.



## How it Works

*Step 1.* Download the Casino On-line application.

*Step 2.* Start the log-on process by inserting a smart card & presenting a biometric (face, finger, or voice).

*Step 3.* Upon successful compare, the card sends a message to the client application that the biometric is valid. This will open a Secure Sockets Layer (SSL) tunnel to the casino web server.

*Step 4.* The card also sends a message through the casino web server to the Integrated Card Management System (CMS) for authentication that this is a valid site. The server responds and then requests the card to prove its validity through a secondary authentication challenge with the server.

*Step 5.* The Casino Web Server then establishes a unique encrypted session with the card to start passing data. This session key (in combination with other data on the card and server) will also be used to sign every play transaction or credit, automatically establishing a complete chain of trust for the casino and the player.

