



# CONFIDENTIAL EXECUTIVE SUMMARY

## Abstract

With the advent of globalization and e-commerce, the need to verify the identities of the parties involved in any business transaction has become a necessity. Current solutions in the marketplace have been hampered by limitations primarily stemming from the fact that they have a centralized architecture, creating data silos. These have enabled unscrupulous individuals and organizations to circumvent and thwart existing technologies employed in the fight against money laundering and other illegal schemes.

Ocular is a new compliance platform constructed from the ground up, that leverages state-of-the-art decentralized computing architectures based on distributed ledgers. The objective of Ocular is to provide parties to a transaction a transparent mechanism to verify and validate one another, to prevent fraud, and expose fraudulent activities.

## System Overview

Ocular is an Anti-Money Laundering (AML) compliance platform that provides instant verification of a customer's background (KYC). The platform leverages cryptographic security mechanisms employed in distributed ledger technologies to ensure that data cannot be tampered with, while allowing users full control over how their data is stored and shared. The system is user-friendly for applicants while adhering to strict AML policy guidelines.



Ocular integrates traditional name and personal data background checks with state-of-the-art identity verification mechanisms such as facial and voice recognition. To safeguard against ID theft, false registrations, Sybil attacks and other attacks which compromise and circumvent compliance, Ocular uses advanced technologies such as artificial intelligence (AI) and machine learning. These capabilities enable Ocular to dynamically monitor and upgrade its capabilities and defenses in the face of an ever-changing landscape of cybersecurity.

*“This System actively deters Identity Fraud,  
and safeguards against Money Laundering”*

## Market Challenges

### Regulatory Challenge

Governments, banks and regulators worldwide require enhanced and ongoing verification of “customers” and the “customer’s, customers.” Today, the process is cumbersome and time consuming – delaying the ability to conduct business.

### Customer Acquisition (sign-up)

Companies have trouble following regulations and processing customers quickly. The result is a backlog of registrations. The companies must grind through stacks of regulations or worse, ignore them altogether.

## System Solution to Market Challenges

- Automatic and instant checks are conducted on OFAC (Office of Foreign Assets Control), Interpol, PEP (Politically Exposed Persons) and other criminal databases and confirms an applicant's eligibility.
- Using proprietary facial and voice recognition technology, Ocular cross-references “selfie” images taken at registration with those on an identification document, eliminating fraud.
- ID verification involves the scanning and authentication of passports, driver's licenses, and national IDs for many countries. This verification filters out ID theft and false IDs.

## Core System Features

- Fast approval times for applicants and simple/intuitive user interface
- Businesses avoid associations with known criminals or undesirable individuals.
- Ocular makes all records available to its client's compliance departments.

## Market Opportunity

Being first to market with a real solution such as Ocular is an enormous competitive advantage. Our aggressive marketing, evangelization, and natural forces will generate a demand that will propel Ocular to an immeasurable success. The core components of the Ocular system have been working for nearly a decade in the highly regulated money exchange industry. Ocular is now applying those strict AML and KYC programs to help combat fraud and other crimes for multiple industries.

## Core Prospects

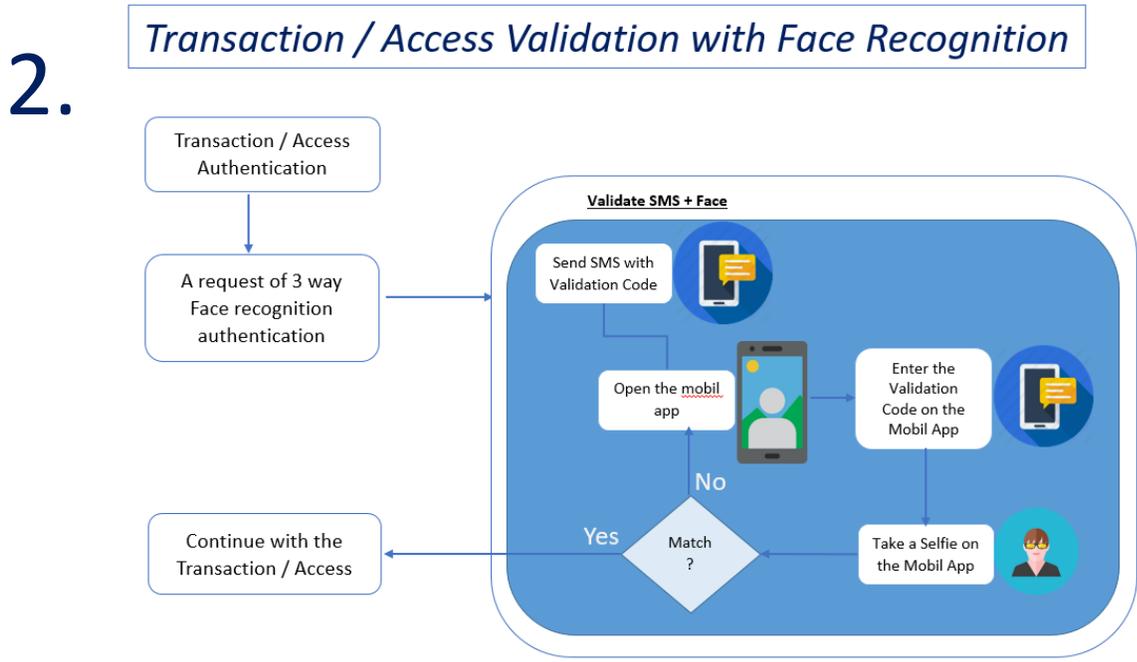
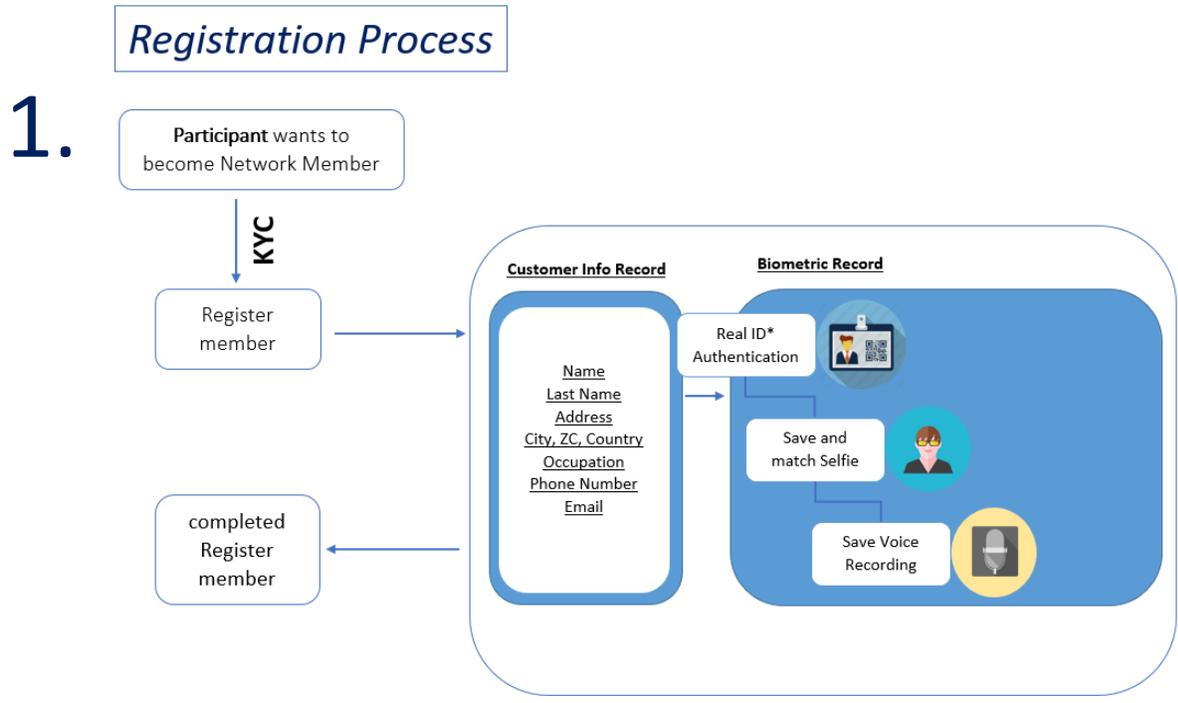
**Cryptocurrency markets** - Cryptocurrency technologies based on blockchain – especially Initial Coin Offerings (ICOs), now face fierce restrictions and controls from regulators. Blockchain technology is a disruptive force that is already shaping the way the world sends and receives money. Ocular's system sets the compliance standard for the cryptocurrency industry – in particular, Initial Coin Offerings (ICO).

*“Ocular sets the compliance standard for the cryptocurrency industry – particularly ICO's”*



- **Schools** - provide security by matching against databases for known predators. Ocular's facial recognition can automatically match for people on lists who are forbidden from being near schools or parks and alert authorities when they are present.
- **E-commerce** - merchants can use Ocular to authenticate customers using their credit cards with facial and voice recognition, preventing fraud and chargebacks.
- **Law enforcement** - Ocular's facial recognition system will be testing to recognize wanted individuals using body camera technology.
- **Brick-and-mortar stores** - Ocular will be used to identify known shoplifters or other people who have been listed as unwelcomed to their businesses.
- **ATM networks** - can benefit from Ocular's facial recognition to prevent fraud.
- **Restaurants and clubs** - our facial recognition system is being used to identify “VIP” customers as they enter the establishment. This allows management to greet an individual or their party with appropriate recognition and service.
- **Online and physical Casinos:** Ocular can screen for unwanted individuals, criminals, and be an active tool for preventing money laundering.

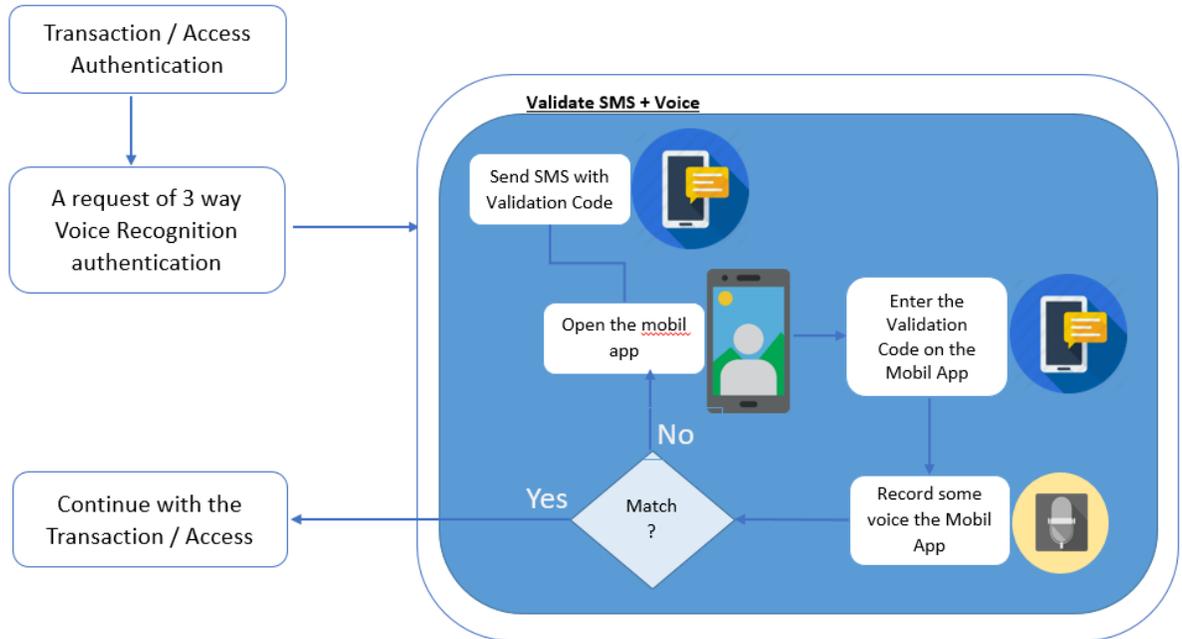
Process Diagrams: *Bio Validation*



Process Diagrams: *Bio Validation (continued)*

*Transaction / Access Validation with Voice Recognition*

3.



Process Diagrams: *Background Check Service*

- **New Customer**
- **Registering for a service requires identity authentication must be satisfactory considering several elements to qualify:**
- **Basic personal information.**
- **Picture ID, valid and legal.**
- **Match member selfie photo with ID's picture.**
- **Validate member's identity according to AML/CTF/PEP records worldwide**
- **Record member's voice for future authentication**

