

The background features a dark blue gradient with a subtle pattern of white dots. Overlaid on this are several white circular elements: a large scale on the left with markings from 140 to 260, and several smaller circles with dashed outlines and arrows indicating clockwise or counter-clockwise rotation. The text is centered in a bright green color.

# BIOMETRICS PROJECT 1.3.3

## WHO ARE YOU?

BRYAN & JORGE

HBS, PERIOD 2

B.A.L.L.S (BANKING AMERICA LIVE LIFE SECURITY)

Protecting what's rightfully yours!

# MISSION STATEMENT

Our purpose is to provide our clients with a heightened sense of security, and to guarantee that with our new dual capacity biometric systems, access to our clients' accounts are theirs and solely theirs.

## Goals / Objectives :

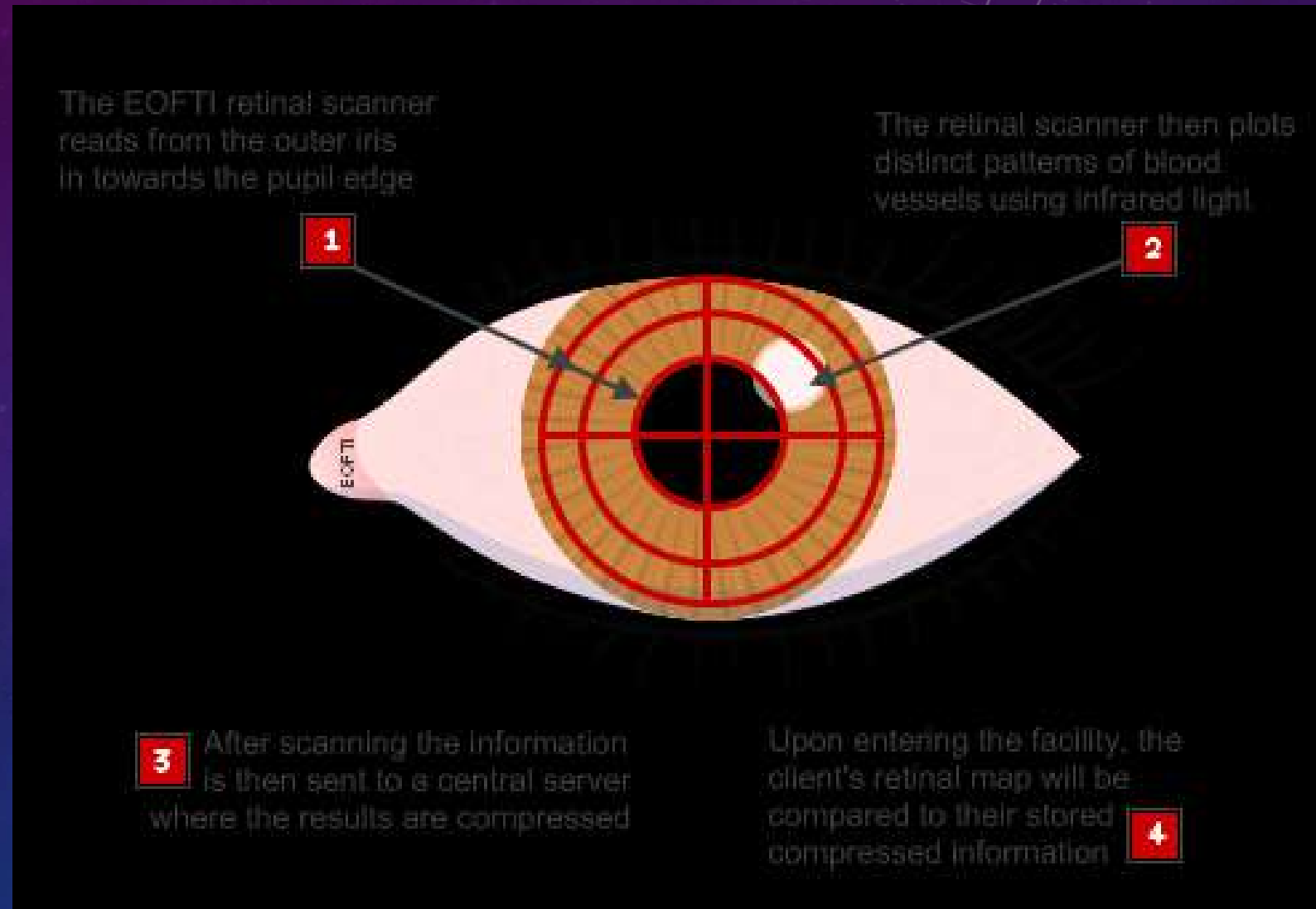
- Enhance Security
- Create Systemic Biological Barriers
- Create a secure environment for banking clients

## PREEMPTIVE BIOMETRIC SECURITY SYSTEMS OUTLINE

In order to keep the client's vital monetary information secure we will be vamping up our security. In the security reconstruction, we will be utilizing current biometric technology in the forms of Retinal Scanners and a fingerprint mapping and blood sample duality biometric system. The biometric security will be accessible through the phone, in person, or at any ATM.

# RETINAL ANALYSIS

Retinal Analysis is a very secure way of identifying the account holder because the retina is in the posterior region of the eye. The client is inclined to submit an initial retinal scan either done by the bank or the client's optometrist. This biometric scanner requires the presence of the individual because the retina cannot be identified by a picture. A retinal scan requires a three dimensional image while a photograph is only two dimensional.



# FINGERPRINT MAPPING / BLOOD SAMPLE DUALITY

This second biometric scan is a sure sign of the impregnability of the system. This scan requires a tandem effort of a fingerprint and a blood sample. The client must submit an initial blood sample and a fingerprint for the bank to have on file. If the client is using a smartphone, there is an app that will submit an analysis of the fingerprint. A blood indicator will hook into the charging port of the cellular device and will be able to be analyzed and transmitted to the app, which in turn will be sent to the bank all in a matter of seconds.



# ACCURACY

- Fingerprint is right 95-98 percent of the time. It varies on race, gender, and chemical residues.
- Odds of having the same DNA is 6 billion to 1.
- Most accurate / only works sometimes



# WHAT MIGHT GO WRONG ?

- Burning / Scarring
- Cataracts / Blindness
- Blood Diseases / Anemic / People using blood thinners
- Various Ocular Impairments



# CAN IT BE BEATEN ?

- Fake fingerprint made of gelatin
- Someone kidnaps you and takes a sample of your blood
- Drugs can dilate your eyes / Colored contacts can reduce iris scan

- Biometric Blood testing is 99% effective and is regulated by the government because of how reliable it is.
- Retinal Scanning almost has a 0% false reading because no two people have the same retinal pattern.
- Fingerprint scanning is reliable and is easy to access

# PRIVACY POLICY

1. We will not release any personal / biological information or identification to any third-parties, banking branches, or company affiliates without your expressed written consent. A verbal consent will not be considered since voice pitch and timbre can be altered with the use of voice modulation technology. A general release of information to other branches of our bank requires a notary's signature plus your signature and a co-signature verification.
2. We will not use your information for any purpose with the exception of identification.
3. A copy of your personal medical transcript is required to be sent in a sealed envelope with the following information inside:
  - a. Blood Tests and Blood Plasma
  - b. Fingerprint Map
  - c. Retinal Scan with Capillary Angiogram

# SUCCESS

The Retinal Scan was great from B.A.L.L.S. (Banking America Live Life Security), it never turned our company down. It never gave us false results. All of our customers and over 85% of America's banks are running our security. We have never had a security system that has tested so well. We recommend this security system for everyone.

# WORKS CITED

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