# BIOMETRICS

ENHANCED SECURITY THROUGH ADVANCED METHODS OF ID AUTHENTICATION

For some, the requirements of security necessitate an infallible way to verify/authenticate an individual's identification. For this, OCR offers EASE Biometrics, an array of customizable, contactless, non-intrusive, and tamperproof techniques for authentication, identity provisioning and access management. In addition to authentication, the biometrics solution enables identification and continuous tracking of an individual's actions. By replacing time consuming password management systems, Biometrics can reduce time to manage authentication, increase regulatory compliance, improve protection of intellectual property, human resources assets, organizational assets, and reduces administrative costs.

## KEY BENEFITS

- Absolute verification of an individual
- Age independent
- Eliminates human error
- Fast and efficient
- Non-intrusive and hygienic
- Provides time and movement tracking system

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## PALM VEIN RECOGNITION

### ABOUT OCR PALM VEIN RECOGNITION
- Scans the veins inside the hand and creates a digital template that represents the vein pattern
- Vein patterns are unique to every individual – even identical twins have different patterns
- Hand held a few inches above an infrared sensor records the palm vein pattern
- Upon subsequent use the vein pattern is verified against the registered pattern

### SECURE AND CUSTOMIZABLE
- Authentication matching is 1:1, 1:G
- Restricted system access control, logical access and enterprise rights management

## IRIS RECOGNITION

### ABOUT OCR IRIS RECOGNITION
- Visible and near-infrared light takes a clear, high-contrast image of the iris
- Video image of the iris is stored and analyzed using mathematical pattern recognition
- Iris patterns are unique to an individual
- Iris structure does not change over time

### SECURE AND CUSTOMIZABLE
- Authentication matching is 1:1, 1:G and 1:N
- Restricted system access control, logical access and enterprise rights management
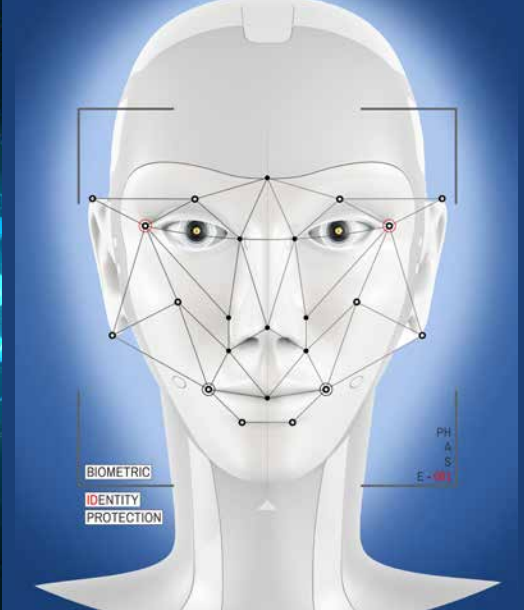  - Pupil is seen as very black making it easy for the computer to isolate the iris pattern
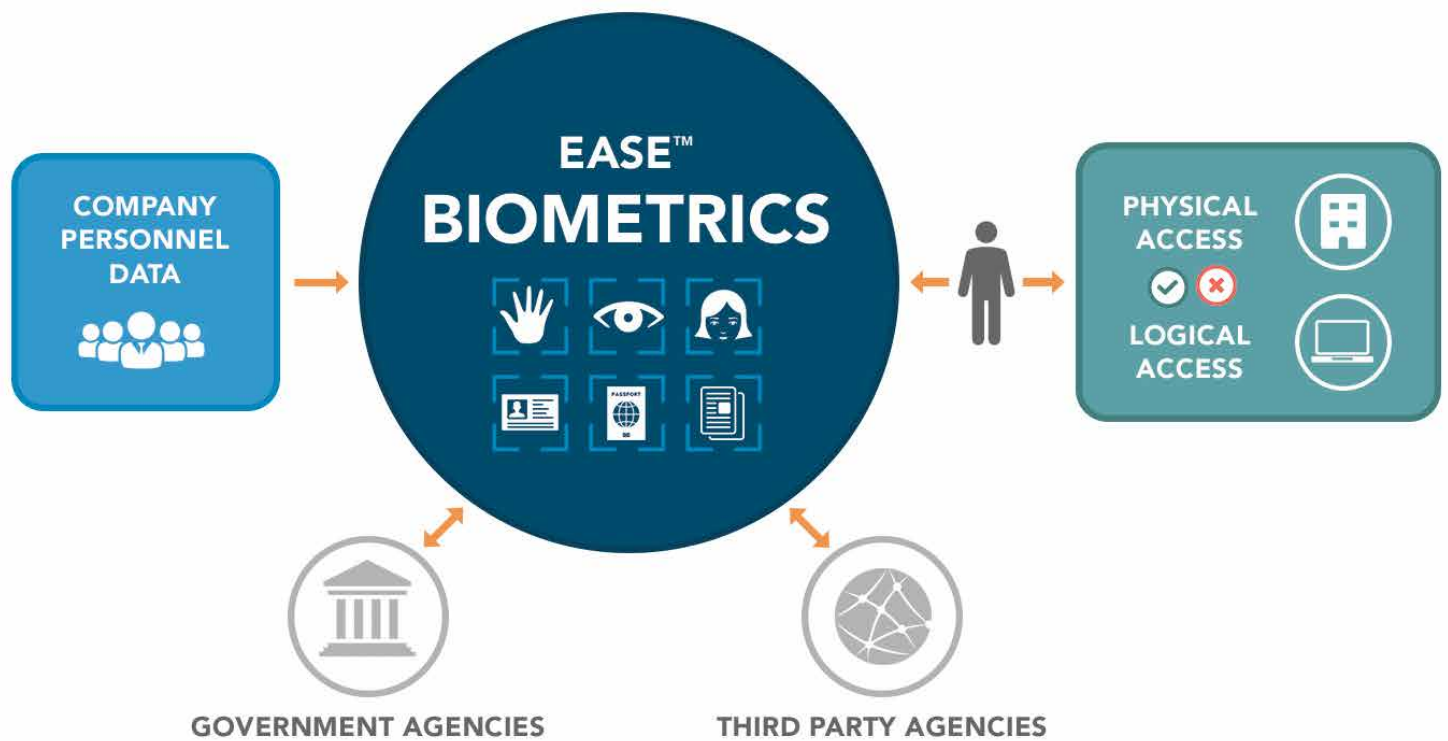
## FACIAL RECOGNITION

### ABOUT OCR FACIAL RECOGNITION
- Sensors used to capture information about the shape of a face, such as the contour of the eye, sockets, nose and chin
  - Algorithms used to analyze the relative position, size and/or shape of the eyes, nose
- Identification of facial features is done by extracting landmarks or features from an image of the subjects face
- Identification of a face can be done from a range of viewing angles, including a profile view
  - Facial recognition is not majorly affected by adjustments in lighting and can

### SECURE AND CUSTOMIZABLE
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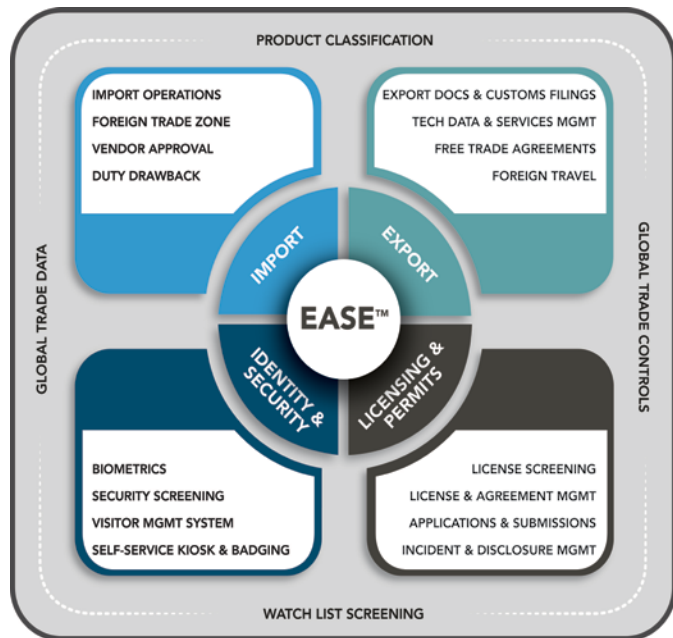
**BIOMETRICS SUITE** is powered by a uniquely built middleware that enables the best use of multiple industry proven approaches of facial, palm vein and iris recognition systems. We provide our customers a vendor agnostic solution that factors in the business and end user use-case and delivers a robust compatible and easy to deploy solution. Our customers are able to control the physical and logical access by building a company personnel biometric database and check it with government agencies and third parties.

## ABOUT OCR

As the foremost expert on Governance, Risk and Compliance (GRC) for international trade, OCR is trusted by Fortune 500 multi-national corporations, government agencies, and small businesses worldwide, to ensure compliance for cross-border transaction through a comprehensive solution that improves operations, complies with government regulations, saves money and provides a competitive advantage.



## EXPORT AND IMPORT WITH EASE
### EASE SUITE OF SOLUTIONS

The Biometrics module is one of 16 modules in the OCR EASE suite of products

**E**xpedite Trade Flow
**A**void Regulatory Fines
**S**ave Operating Costs
**E**nhance Supply Chain Security

EASE is a suite of scalable and configurable solutions designed to help clients automate and simplify their cross-border trading operations and address ever-changing international regulations.

All EASE modules are easily integrated with each other and third party solutions. They will automatically share data and documents seamlessly.

EASE software can be installed behind a firewall or implemented as a hosted service. Our Software as a Service (SaaS) platform operate in secure global data centers which are SSAE Certified with redundant failover and high availability bandwidth with full data encryption.

EASE global trade management is configurable with Global Trade Control and Data for over 180 countries.

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