

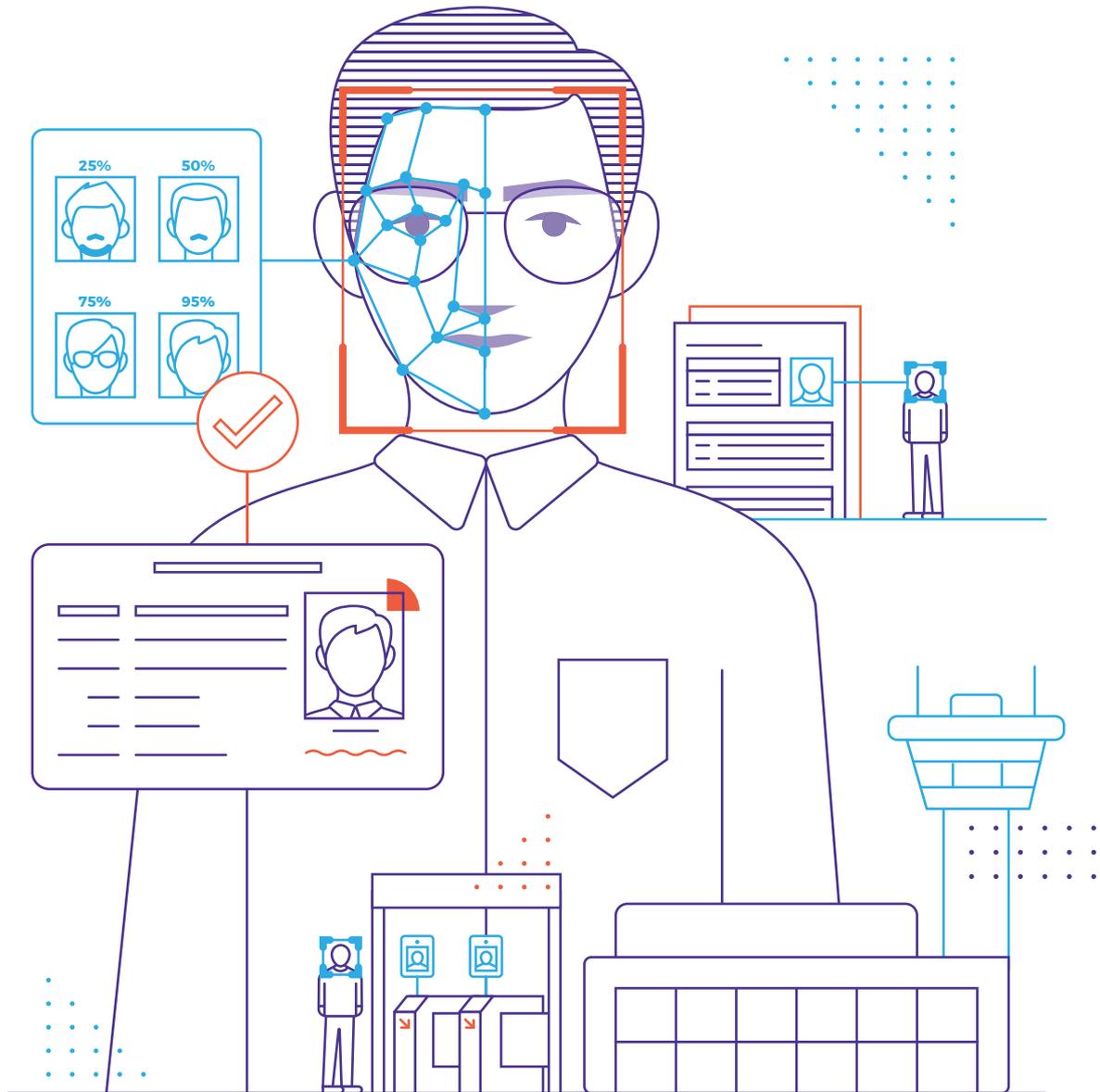


visionaire

KNOW YOUR CUSTOMER (KYC)

ENGLISH

Version 2.0



www.nodeflux.io

Phone : **021 - 227 18184**

Email : hi@nodeflux.io

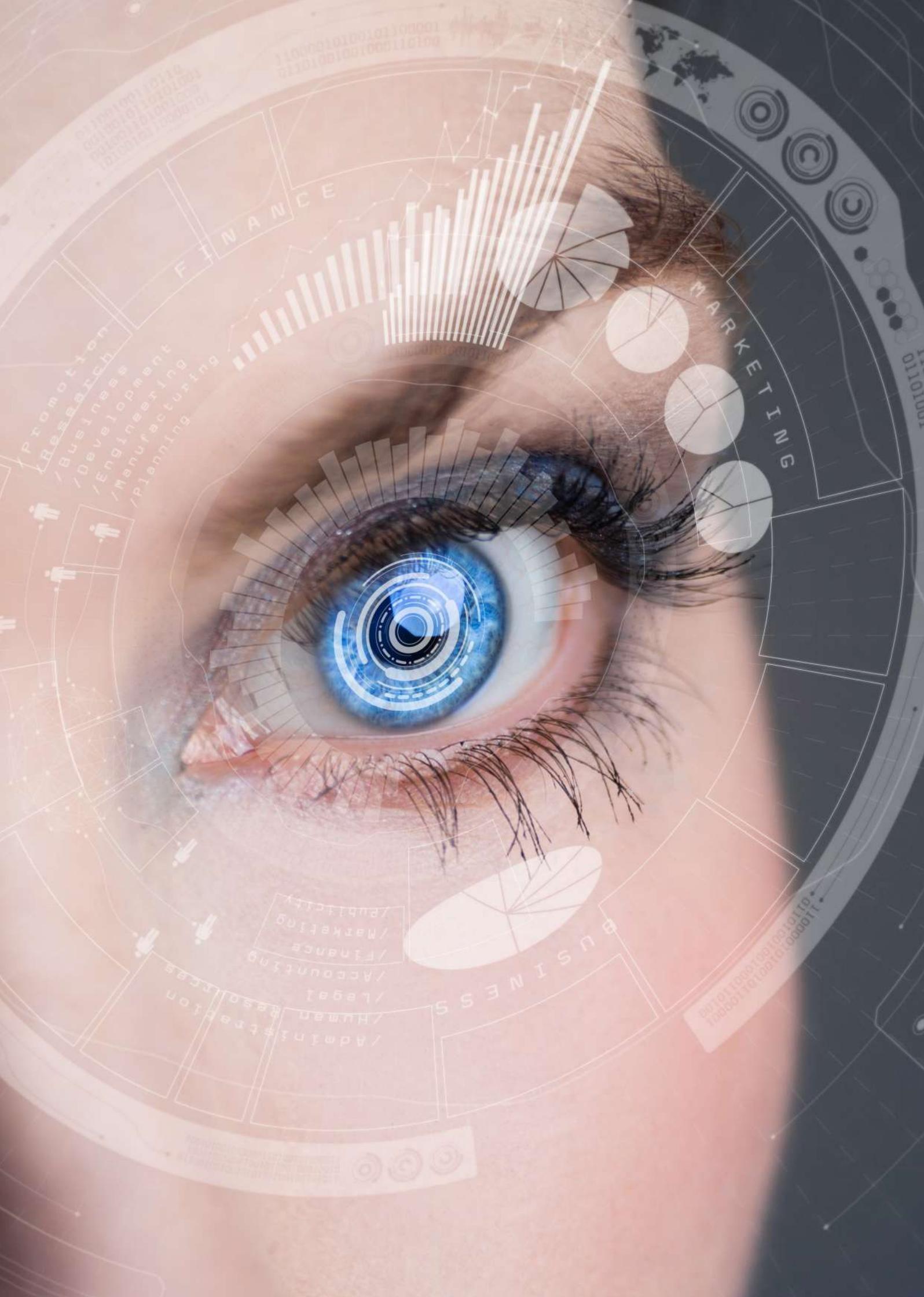
PT NODEFLUX TEKNOLOGI INDONESIA

Jl. Kemang Timur No.24

Jakarta Selatan 12730

insightful visions brought by

nodeflux



FINANCE

- /Promotion
- /Research
- /Business
- /Development
- /Engineering
- /Manufacturing
- /Planning

MARKETING

BUSINESS

- /Adminstration
- /Human Resources
- /Legal
- /Accounting
- /Finance
- /Marketing
- /Publicity

Foreword

"To become a strong catalyst for technological advancement in Indonesia."

It has always been our mission to lead the way to improvements. Artificial Intelligence (AI) is how we make a dent and encourage change. Since 2016, Nodeflux has been focusing on utilizing artificial intelligence to deliver tangible, accessible change to different parts of the market.

Two major focus points of ours are AI for Smart City & Government and AI for Business & Enterprise. We have spent years perfecting our core AI engine, now known as VisionAlre, and the different modules - analytics, deployment types, and supplemental functions - and it is now ready to be a part of your operations.

This solution catalog is here to show some of the things that can be achieved with VisionAlre. We cannot wait to share this journey with you.



Meidy Fitranto
Co-Founder & CEO of Nodeflux



Contents

03 / General Foreword

08 / Know Your Customer (KYC)

05 / About Nodeflux

09 / Authentication System

06 / About visionAlre

11 / Membership Identification

07 / Our Solution

13 / Passenger Identification

**Extending
Vision
Beyond
Imagination**



nodeflux

About Nodeflux

Nodeflux is the first and largest vision AI company in Indonesia. Established in 2016 with a vision 'to continuously lead the highest standard of Indonesia technology advancement', Nodeflux managed to become the first and only company from Indonesia among the top 24 AI company in the world that incorporated in the NVIDIA Metropolis Software Partner Program. Nodeflux is also listed on the U.S. National Institution of Standard and Technology (NIST)'s Face Recognition Vendor Test (FRVT) leaderboard.

Through the introduction of VisonAlre, Nodeflux continues to develop its Intelligent Video Analytics (IVA) based products, which has been implemented as solutions in sectors such as smart cities, defense & security, traffic surveillance management, asset & facilities management, retail & wholesale store analysis, advertising, transportation, and others. Among the respective clients and partners of the company are the Republic of Indonesia National Police (POLRI), NVIDIA, State-Owned Toll Operator Jasa Marga, HP Enterprise, IBM, ASIAN GAMES 2018, and The IMF-World Bank Group 2018 Annual Meeting.



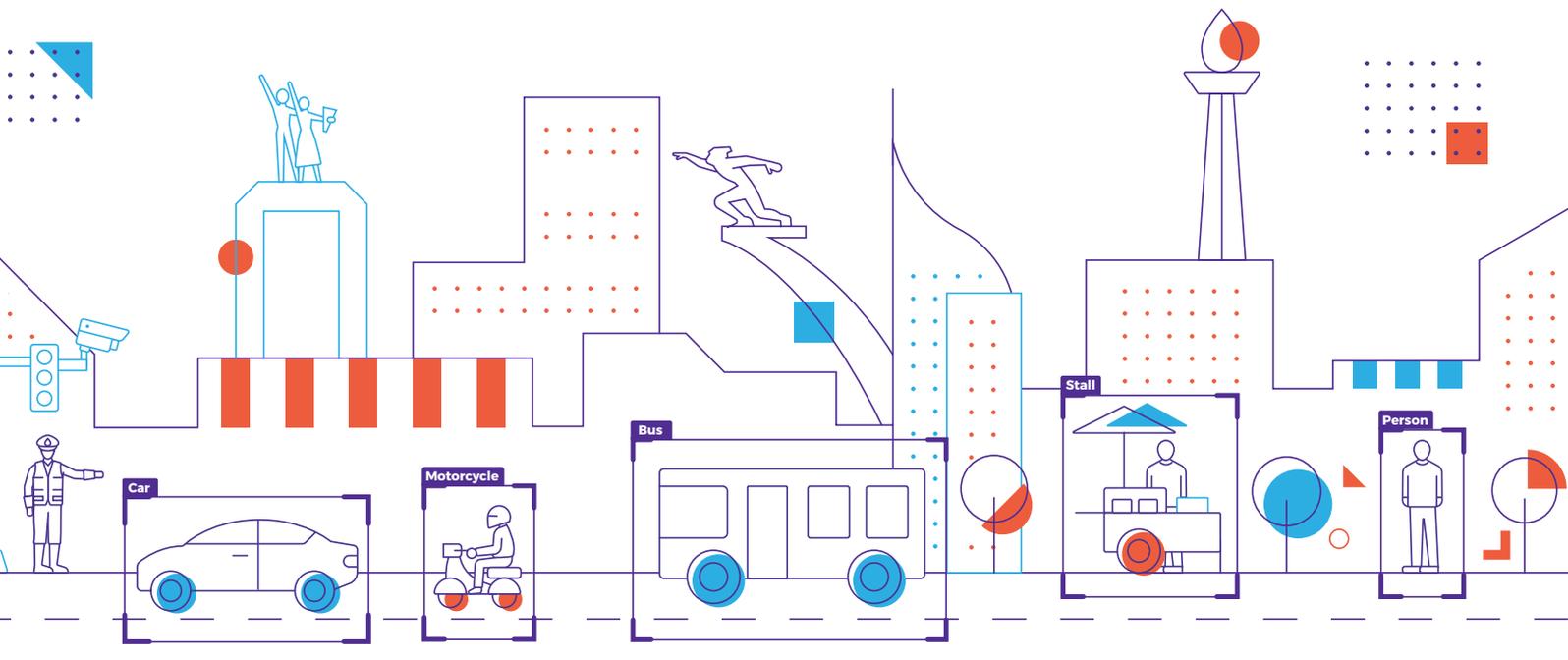
About



VisionAire represents years of experience in AI. It is positioned as the core - the brain - of vision AI implementation across all of Nodeflux's solutions and deployments. Going forward, visionAire sits at the heart of all vision AI-related solutions and deployments, acting as the core that holds everything else together.

Combined with analytics modules, add-ons, and future developments to create solutions for different markets, visionAire can be implemented as part of multiple solutions tailored to industry needs.

With VisionAire at the core, solutions provided by Nodeflux are fully intelligent. At the same time, the use of those solutions allows VisionAire to learn and grow exponentially. As VisionAire gets used more in the field, it is continuously developed to be a more capable engine. In the long run, VisionAire can power more solutions, more advanced analytics, and more implementation types.



Our Solutions

Smart City Government

VisionAlre Traffic Management & Surveillance

VisionAlre Public Safety

VisionAlre Law Enforcement

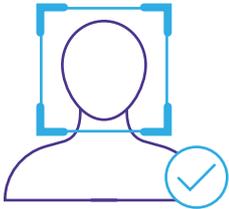
Business Enterprise

VisionAlre People & Facility Management

VisionAlre Know Your Customer (KYC)

VisionAlre Store

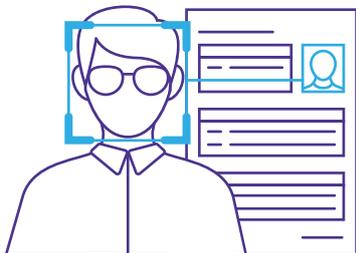
VisionAlre Ads



Know Your Customer (KYC)

Know Your Customer (KYC) is the process of business on verifying the identity of the customer and client, as well as valuing their suitability along with potential risk toward potential business relationship.

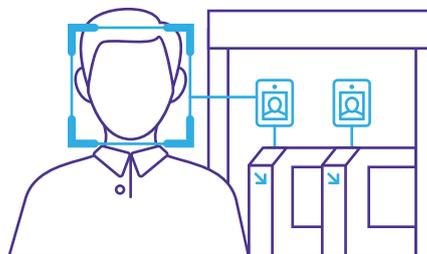
Using the Artificial Intelligence (AI) Technology, it can shorten the process to be more efficient by requiring the customers or clients physical identity (facial biometrics) for verification and authentication system.



Authentication System



Membership Identification



Passenger Identification



Authentication System

Banks, or any other financial institutions, usually use authentication to eliminate fraud for the customer who wants to open an account or apply for credit. More often, people are still managed to lie about their records, even with restricted evaluation steps.

With Nodeflux Analytics, financial institutions are enabled to identify their customer using our Facial Recognition technology, that compares the customer face with predefined database. Using an existing camera to prevent an unwanted customer to have an account or applying for credit, this kind of solution will definitely improve the bank's security and fastened the screening process, which eventually result in improved customer satisfaction.

Key Analytics



Face Recognition

Identification of people by their face biometrics.



Use Case - Authentication System

Account Registration Authentication

Make open account verification process seamless by using face biometrics identification. Captured face image will be matched with original ID photo was taken from the ID database or chip, then calculate the similarity between two of those. The biometrics algorithm is very robust, which capable to identify the same person with age difference, facial attributes, glasses, and tilted (not-frontal captured face). The result is the similarity score, which can be used to determine if the person and ID are the same. Increase security and reduce fraud.



Membership Identification

Manual authentication sometimes makes customer painful for coming in or coming out and write the visitor list provided by the stores or gym. They need to write their identification provided from ID card information every time they visit it.

Membership identification could help the customer experience to write it one time and take a picture of their face for the database and can be used if the customer forgets to bring their membership card.

The next-generation authentication system is here. Using the existing camera in stores or gym, we can identify the person using our face recognition analytics to make less painful action to give access to the people who visit the place. This will reduce the action of the actual writing and able to simply come into the place without writing anything and still able to enter if the customer forgets to bring their membership card.

Key Analytics



Face Recognition

Identification of people by their face biometrics.



Use Case - Membership Identification

Membership Reward using Face ID

Verification no longer requires a boring-membership card, seamlessly identify them by using Nodeflux Face Recognition for faster process. Capture their face, identify the biometrics, and find their identity in the enrolled database. Makes the process easier for the customer, improve customer experience, and faster verification. This can be used to identify users preferences for a well-tailored reward.



Passenger Identification

The queue line for boarding into a train or airplane always overwhelming for the passenger. If only the data of the boarding pass had already in the database that could be useful for the boarding process.

We have the solution, with our analytics, we can use the passenger data and use the camera that already assigned in the airports or train station and use it to compare the data with the passenger to board the train or airplane to decrease the queue line and make the passenger feel comfortable.

Key Analytics



Face Recognition

Identification of people by their face biometrics.



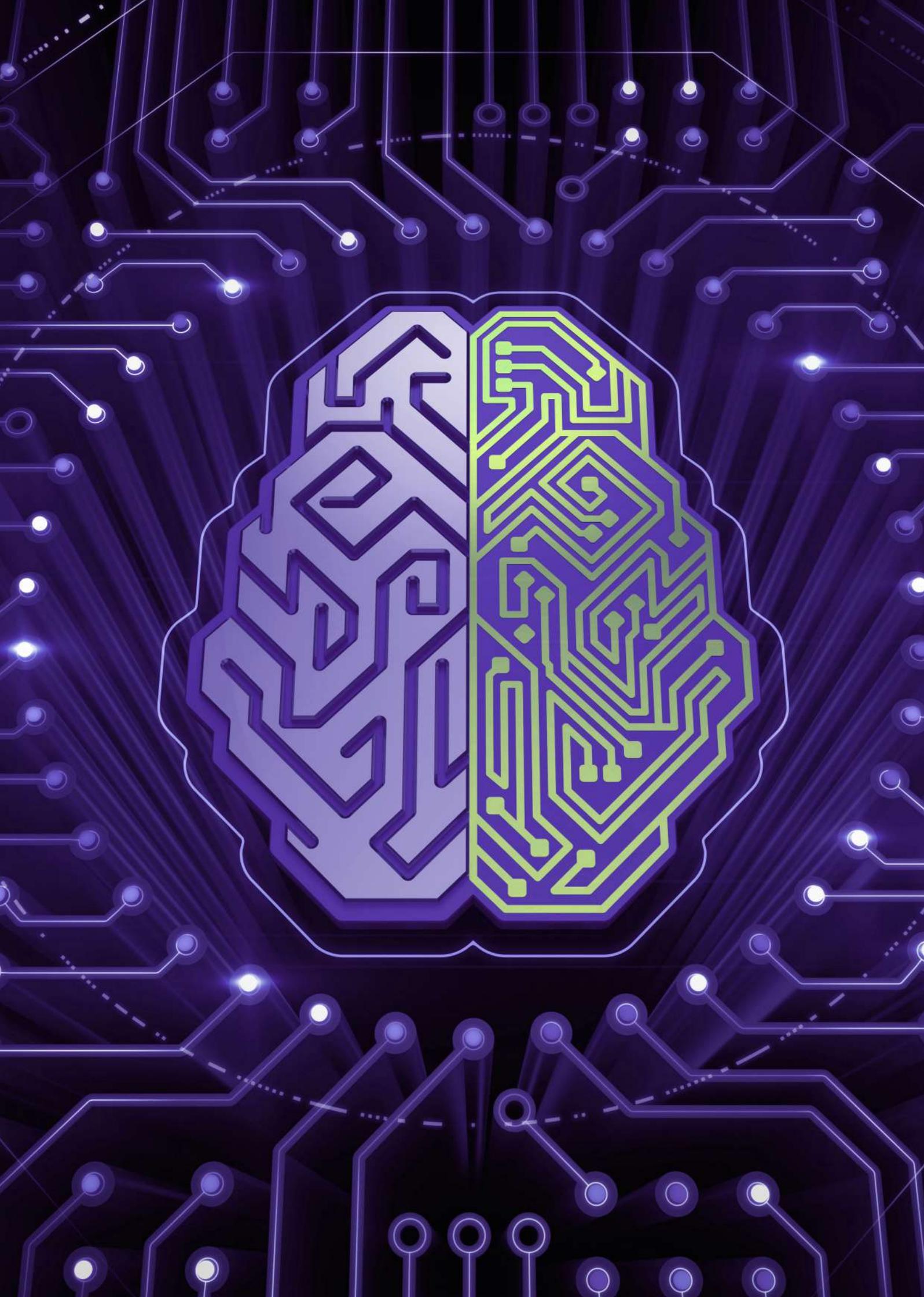
Use Case - Passenger Identification

FR as part of the Immigration Process

Improve the verification process of the passenger that wants to board the train or airplane using the assigned camera with Nodeflux Face Recognition and integrated database. The passenger facial biometrics will be analyzed and matched with the image provided from the passport or ID card of the passenger. This will make the verification process faster to ensure passenger comfort.

Flight Schedule Information

Interactive information center to let the passenger know their travel schedule with only using face recognition. Passenger will be required to stand in the front of digital totem, capture their face, analyze their identity, find their travel schedule then show in interactive ways. Improve the customer experience.





For further information, kindly share your thought on
hi@nodeflux.io

For business inquiries, reach us to
business@nodeflux.io

Connect our social media

Instagram: [@nodeflux](#)

Facebook: [@nodeflux](#)

LinkedIn: [@nodeflux](#)

Youtube: [Nodeflux](#)

Our website





arking -
[unreadable]



Performance Summary

Availability	100%
Throughput	1000
Latency	2.5
Response Time	100ms
Uptime	30 days

System Health

CPU	MEM	DISK	NET
OK	OK	OK	OK

System Metrics

Temp	25.7	45.0
Humidity	45%	60%
Power	100W	200W
Pressure	1013hPa	1013hPa



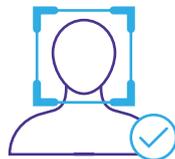
www.nodeflux.io



SOLUTION CATALOG



KNOW YOUR CUSTOMER (KYC)



Version 2.0

Phone : **021 - 227 18184**

Email : **hi@nodeflux.io**

PT NODEFLUX TEKNOLOGI INDONESIA

Jl. Kemang Timur No.24

Jakarta Selatan 12730

