



PION

PPE

DETECTION



BACKGROUND



Manpower Cost



Infraction



Historical Data

WHY PION



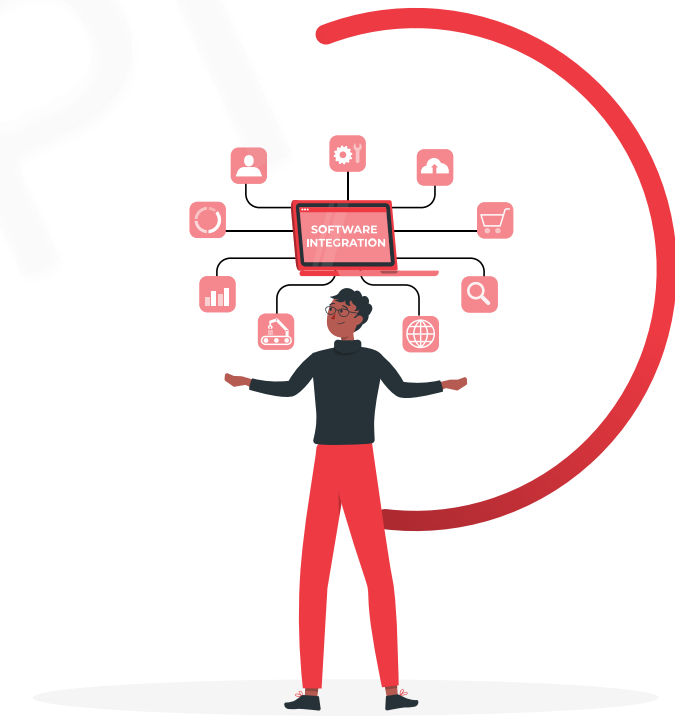
Safety Helmet, Boots, Glasses Using AI

PiON facilitates the seamless enforcement of safety protocols by utilizing AI to verify that individuals passing through the turnstile are equipped with safety helmets, boots, and glasses.



Dashboard Management

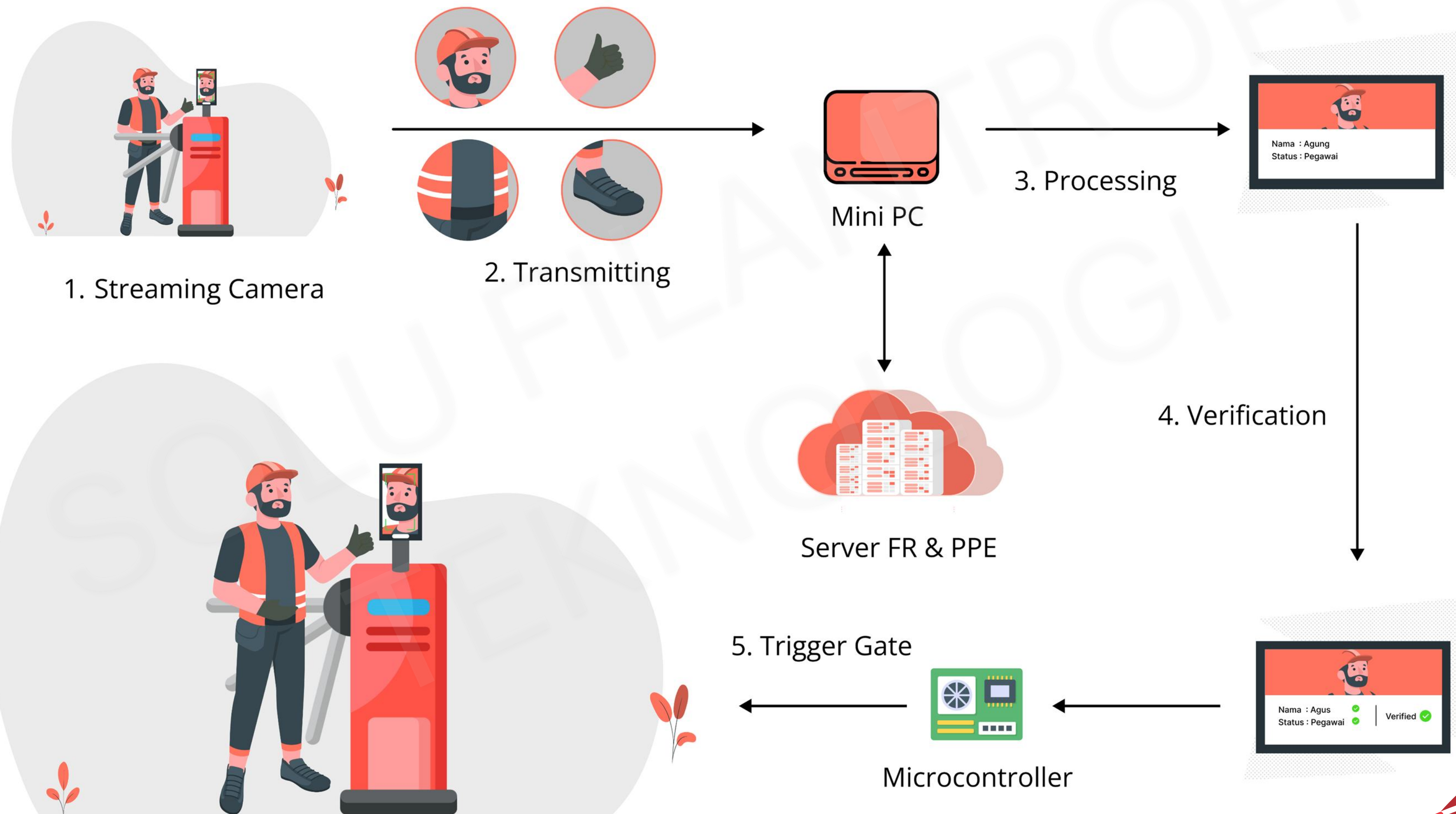
The PiON backoffice system empowers administrators to effortlessly access data history and analytics, facilitating informed decision-making.



System Integration

The PiON system seamlessly integrates with various access control solutions, including ZKTeco, Suprema, and others, providing enhanced versatility and compatibility for streamlined operations.

FLOW PION



COMPARISON

Not Using



Manpower Security



Infraction



Time Consuming

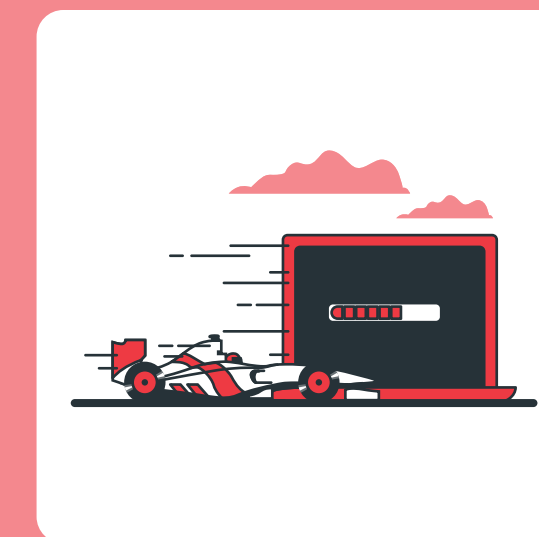
Using



Efficiency

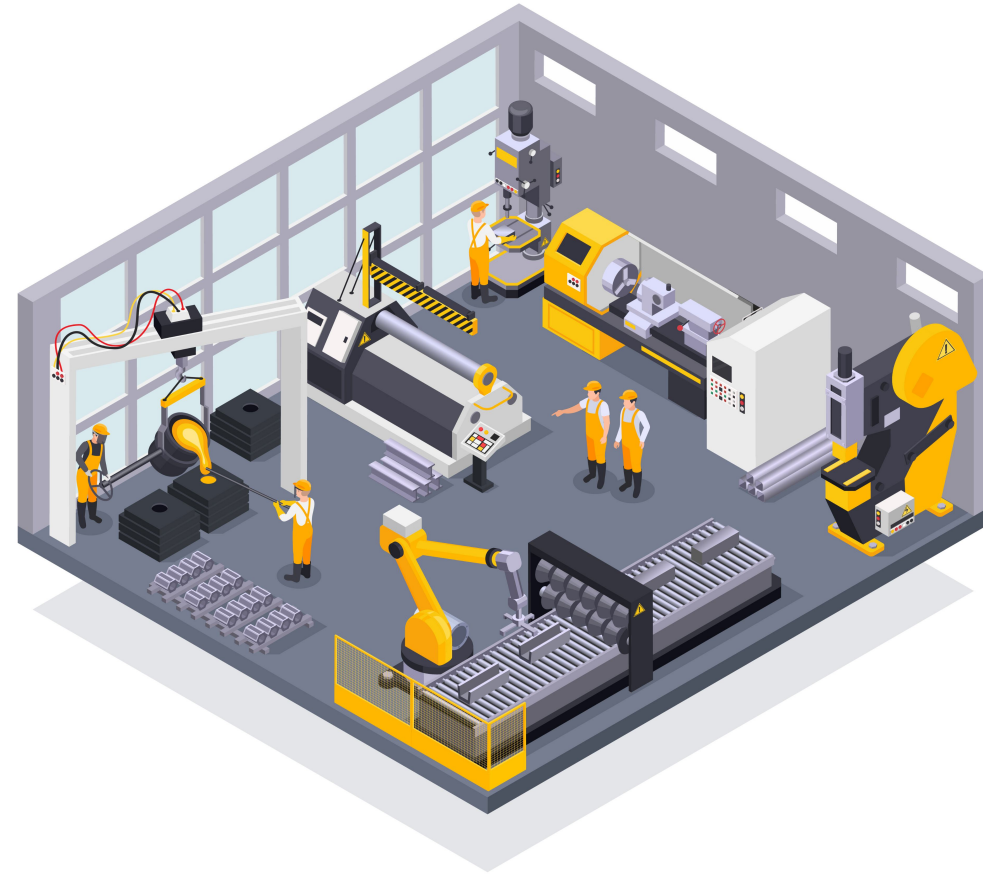


Strict & Accurate



Fast Data

POTENTIAL INDUSTRY



Manufacture



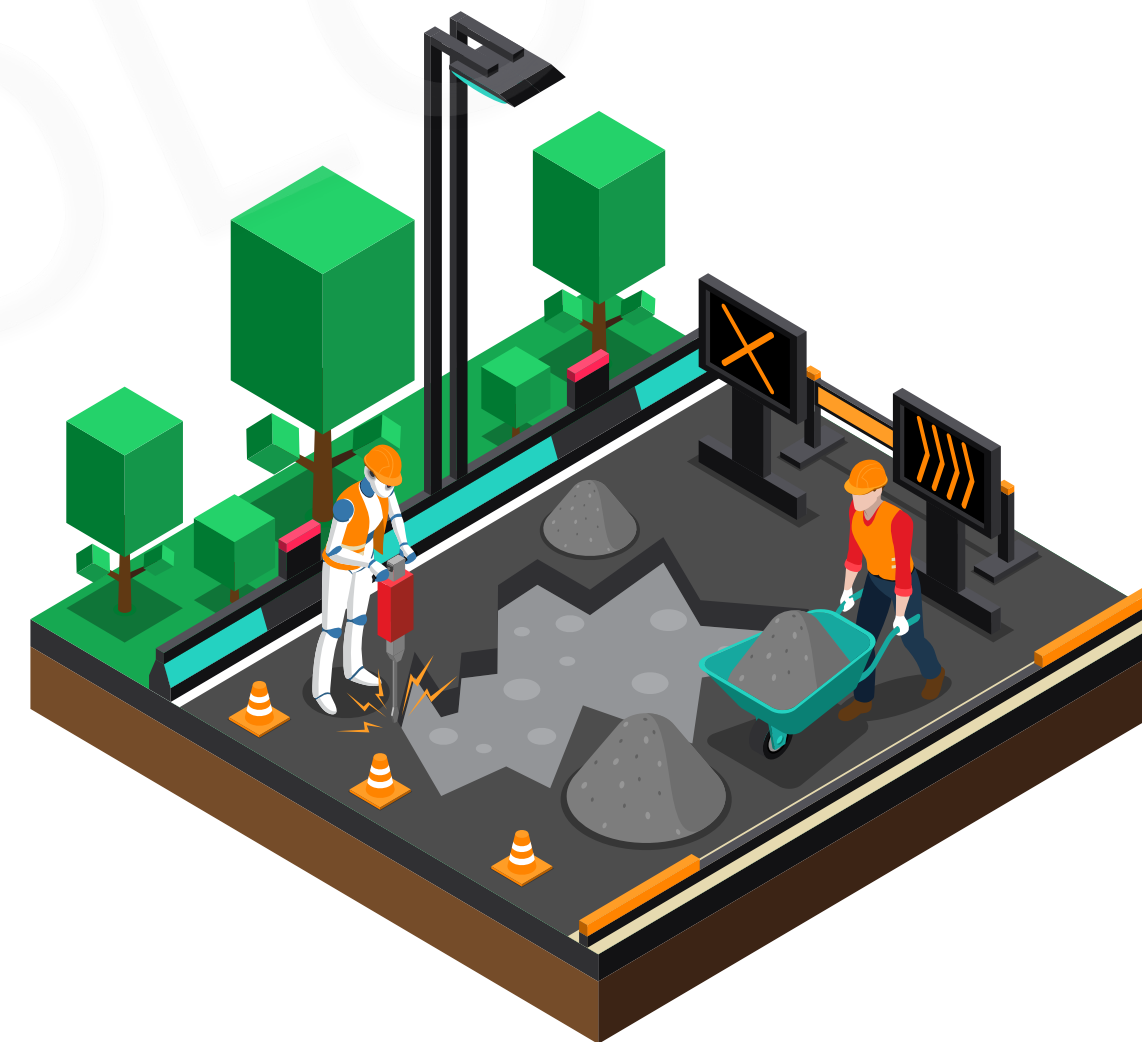
Mining



Construction



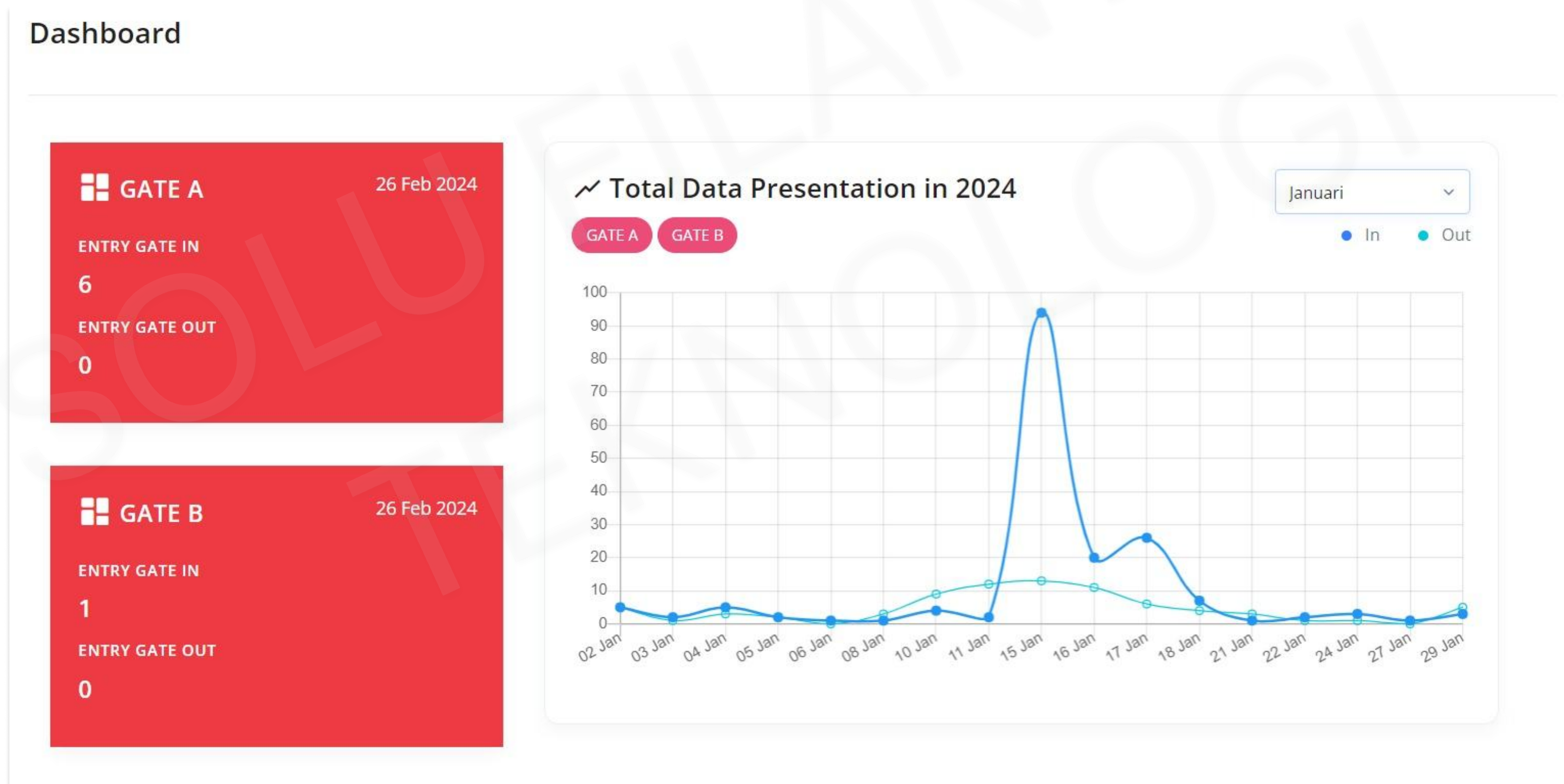
Security



Danger Area

DASHBOARD

The overview feature provides a clear visualization of traffic flow in and out, offering easily interpretable graphical representations. These visuals offer quick insights for decision-making analysis and provide a snapshot of the conditions at the turnstile gates.



DATA HISTORY

The Data History feature enables you to extract transaction data for both successful and unsuccessful in-and-out movements at the turnstile gate. This includes stored facial data and captured snapshots for each entry attempt at the gate, providing comprehensive insights into gate activity.

Filter:

Select start dates

 until

Select end dates

Reset















Search

Show

30

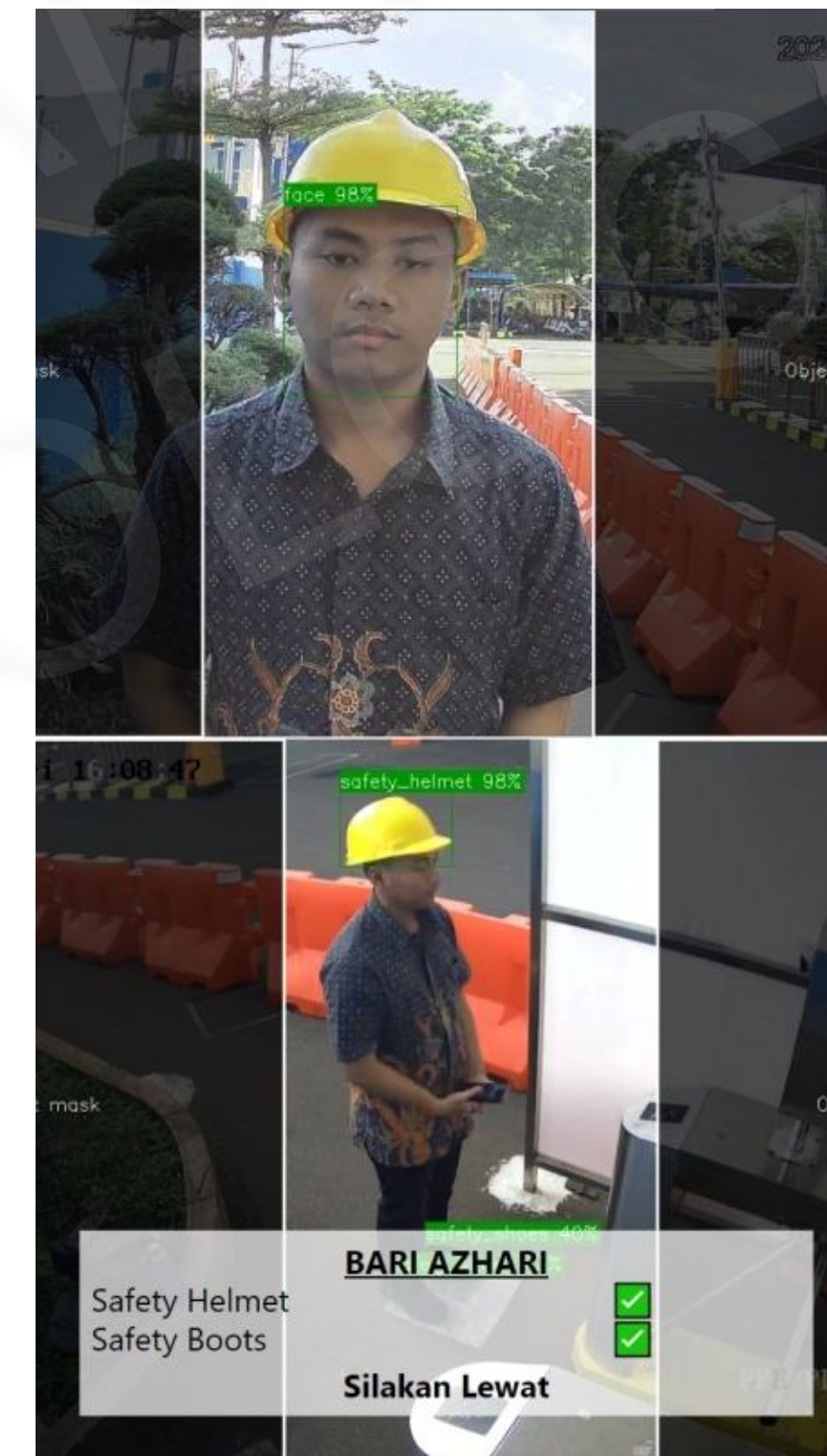
 entries

Search: nabeel

NAME	GATE	FACE FOTO	FULL BODY FOTO	HELMET	SHOES	PPE	CREATED
MUHAMMAD NABEEL	PLTG-IN			✓	✓	Completed	2024-01-17 16:41:23
MUHAMMAD NABEEL	PLTG-IN			✗	✗	Not Completed	2024-01-17 16:41:06
MUHAMMAD NABEEL	PLTG-IN			✓	✓	Completed	2024-01-17 16:07:39
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MUHAMMAD NABEEL	PLTG-IN			✗	✓	Not Completed	2024-01-17 15:36:23

SCAN

These capture is an example of how the system operates during the inspection of objects in front of the turnstile gate. The top camera detects personal protective equipment such as helmets and shoes. The bottom camera identifies registered faces, and if the face is not registered, the gate refuses to open.



VIEW CAMERA FR

FR Camera harnesses advanced technology to achieve precise face detection with a high level of accuracy. Moreover, its AI capabilities enable ongoing training, resulting in continual improvements in accuracy over time.





THANK YOU



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