



# DEAP VISION

**ABM** | Arabian  
Business  
Machines

## *AI-HSE Digital Platform*

Less incidents, more efficiency

- ✓ *Capture, Analyze, Predict hazardous situations*
- ✓ *Generate remedial work plans*
- ✓ *Real time response & Real time improvements*

# Olayan Corporate Structure

**GLOBAL**

**OLAYAN GROUP**

Offices		Geographical Coverage	Fixed Income	Public Equities	Private Equities	Real Estate	Operating Companies
New York, USA	<b>Olayan America</b>	Manages investments in north, Central and South America	✓	✓	✓	✓	
- Athens, Greece - London, UK - Luxembourg - Vienna, Austria - Liechtenstein	<b>Olayan Europe</b>	Manages investments in UK, Europe and select asian geographies	✓	✓	✓	✓	✓
Singapore	<b>Olayan Asia</b>	Manages investments in Asia		✓	✓	✓	
Saudi Arabia	<b>Olayan Financing Company (OFC)</b>	Manages investments in MENA, Turkey and India		✓	✓	✓	✓
	<b>Olayan Saudi Holding Company (OSHCO)</b>	Holding company that owns/ manages the Group's operating companies					✓

\*Operating Companies refer to strategic long-term direct investments in individual companies. Ownership stakes range from 25% to 100%



# OFC's Investment Teams

## INVESTMENTS

## OLAYAN GROUP

### Department

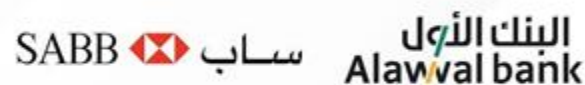
### Overview

### Select Investments



#### Public Equities

Established in 1981, OFC was one of the earliest investors in listed equities in KSA and the MENA region.  
Today, OFC manages one of the largest privately held portfolios in the region  
The team is essentially a **long-term value investor** focusing on generating superior risk adjusted total returns through rigorous fundamental analysis supported by in-house research analysts and portfolio managers  
OFC takes both **strategic stakes** (e.g. board representation and / or 5%+stake) as well as **passive positions**



#### Private Equity & Strategic Partnership

Our approach to Private Equity is **tailored to suit the nascent aspect of the industry in the MENA region** in terms of sector diversification, ticket size, ownership stake and holding period, while focusing on generating expected returns for our principal  
**Direct investments:** We partner directly with a wide-array of companies which we believe align not only with our internal investment criteria but also represent our core values  
**Fund investments:** We invest with select fund managers which differentiate themselves in terms of reputation, governance, team capabilities, specialization and investment strategy  
**Strategic Partnerships:** companies that do not align with OSHCO's identified sectors



#### Real Estate

OFC's real estate portfolio is **amongst the largest privately held portfolios in KSA:** It also expands to the broader MENA geographies  
We are not only an 'investor' but have also **internally built the know-how to oversee large development projects**  
Our track record spans across **residential, hospitality, healthcare and tourism/leisure** in and **outside the Kingdom** according to the high standard specifications of international operators  
The team also **provides advisory services** to portfolio companies related to operating leases and Opportunistic real estate acquisitions



# OSHCO's Portfolio Companies

SECTORS

COMPANIES



**5**

Core Sectors



**25 Companies**

Companies managed by  
OSHCO in various sectors



**16k+**

People employed by OSHCO  
affiliated companies

# OSHCO's Portfolio Companies

## PARTNERSHIPS

## OLAYAN GROUP

### 1. Food and Beverages



The Coca-Cola  
Bottling Company  
of Saudi Arabia  
(CCBCSA)



Gulf Union  
Company (GUC)



Health Water Bottling  
company Ltd. (HWB)



El Rashid El  
Mizan(REM)



General Trading  
Company (GTC)



Saudi Bakeries



Burger King



Buffalo Wild Wings



Texas Chicken



Turn Stone Pizza

### 3. Energy Services



Olayan Energy (OE)



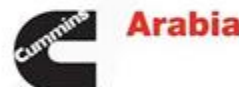
Olayan Descon  
(DESCON)



National Energy Services  
Reunited corp. (NESR)



Weir Arabian Metals  
Company (WEIR)



Cummins Arabia



Arabian Health Care  
Supply Company (AHC)



Arabian Medical Products  
Manufacturing Company  
(ENAYAH)



Baxter Company Ltd.  
(BCL)



Kimberly-Clark

Olayan Kimberly-  
Clark Company  
(OKC)



Colgate-Palmolive

Colgate-palmolive  
(CPAL)

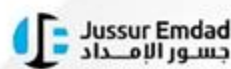
### 5. ICT



Arabian Business Machines  
Company (ABM)



Atlas Industrial Equipment  
Company (ATLASCO)



Jussur emdad International  
Recruitment Company (JEC)



General Contracting  
Company (GCC)



Saudi Xerox Agencies  
Company (XEROX)



Atos Saudi



**Arabian Business Machines Company (ABM) has served the business community in Saudi Arabia with a range of state of the art products.**

Incorporated in 1983 and Headquartered in Riyadh, **Arabian Business Machines** is a saudi company fully owned by the **Olayan Saudi Holding Company (Olayan Group)** with 200+ employees distributed through our branches and strategically located in the five cities, Riyadh - Jeddah - Khobar - Jubail - Hofuf. We also cover all the other regions of the Kingdom through a network of local partners.



**The company operates in four major sectors**

- ◆ Integrated and Physical Security
- ◆ Office Automation, Commerce and IT Solutions
- ◆ Office furniture, Interior Design & Paints
- ◆ Smart Technologies

# ABM Offerings

## SMART SOLUTIONS



### Smart Technologies

- AI-based People & Objects Flow Analytics
- AI-based Chatbot, Mobile Apps, Blockchain & IoT
- Advanced Robotics & Analytics
- AR & VR Content Development
- E-Invoice & E-Signature
- AI Cloud & On-prem Services



### Office Automation

- Business Notebooks
- Multi-function Products (MFP)
- Managed Print Services (MPS)
- Mobile & Smart Print Solutions
- Point of Sales
- Document Management Solutions
- Smart Screens & Digital Signages



### Security & Telecom Solutions

- Perimeter protection & Access Controls Solutions
- Baggage, Parcel & People Inspection Systems
- Queue Management Solutions
- IP Telephony & Voice Paging
- Health Care & Hospitality Solutions



### Smart Office Solutions

- Smart Furniture
- Flooring and Carpets
- Specialized Ceilings
- Wood Coating Paints



LOCATIONMIND

**TOSHIBA**

**brother**  
at your side

**NEC**

**GAI-TRONICS**  
A Hubbell Company

**bene**  
INSPIRING OFFICES. SINCE 1790.

**BOS**  
BARCELONA

**AkzoNobel**

**MENTAL**

**BLACKSTONE**

**GUNNEBO**  
For a safer world.

**MARSES**  
ROBOTIC SOLUTIONS

**QMATIC**

**dynabook**

**Rapiscan**  
systems  
An OIS Systems Company

**Fichet-Bauche**  
Reverendeur agréé coffre-fort

**HIKVISION**

**NowyStyl**

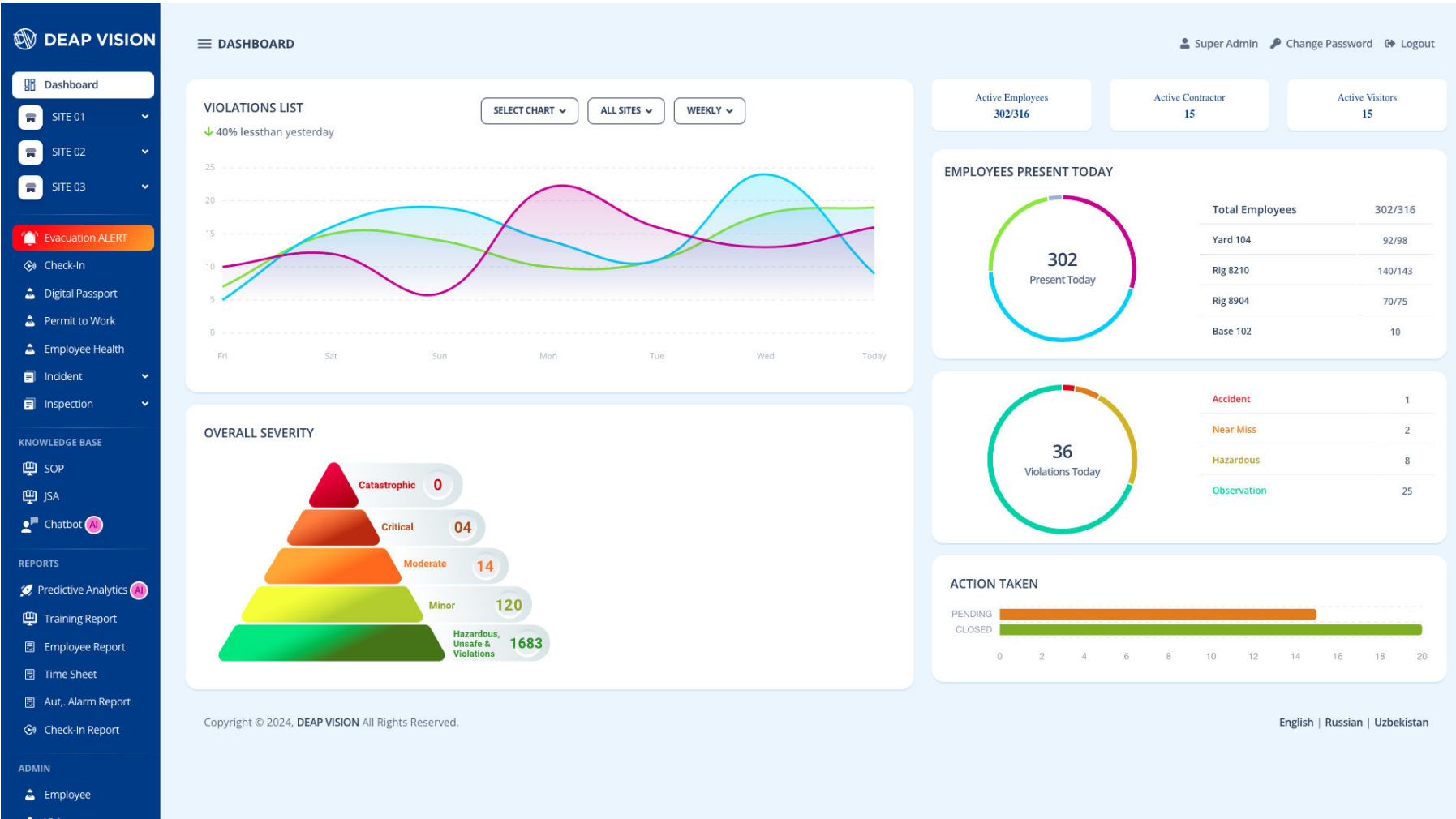
**V/S**

# One Unified AI-HSE platform

Using Data to drive Change

## Comprehensive HSE Management Suite

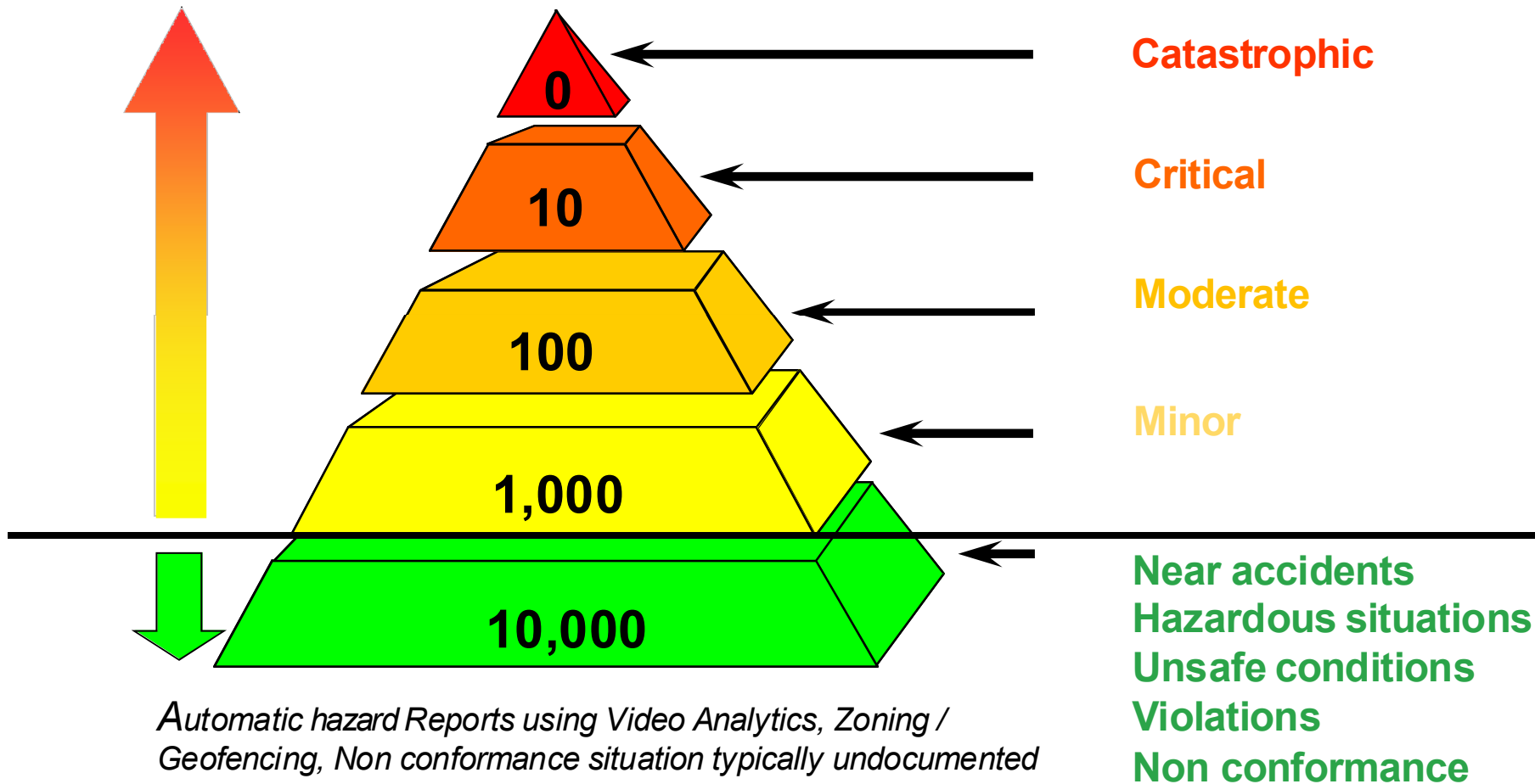
- 1 - Digital HSE Passport
- 2 - Incident Reporting Tools (M.App)
- 3 - Permit to Work System
- 4 - Real-Time People Tracking
- 5 - Health Monitoring
- 6 - AI- HSE Automatic Detection
- 7 - Chatbot Module for Document





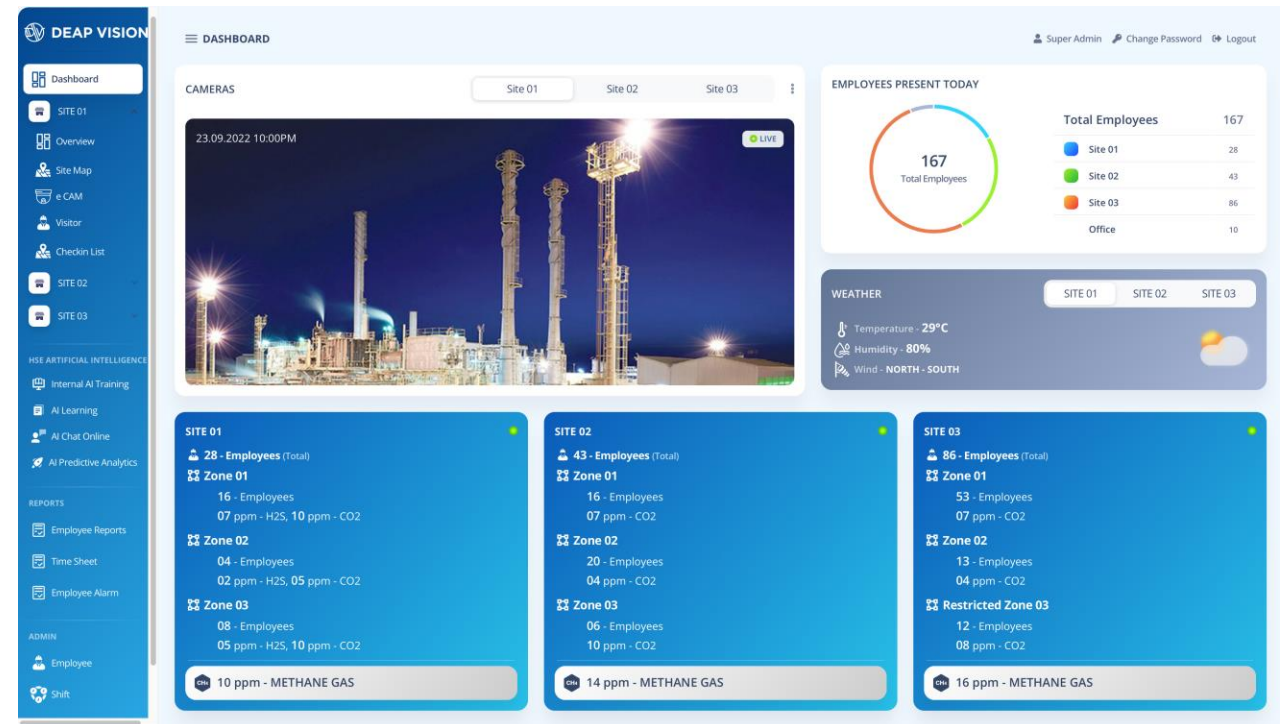
# Design on HSE Pyramid Principle

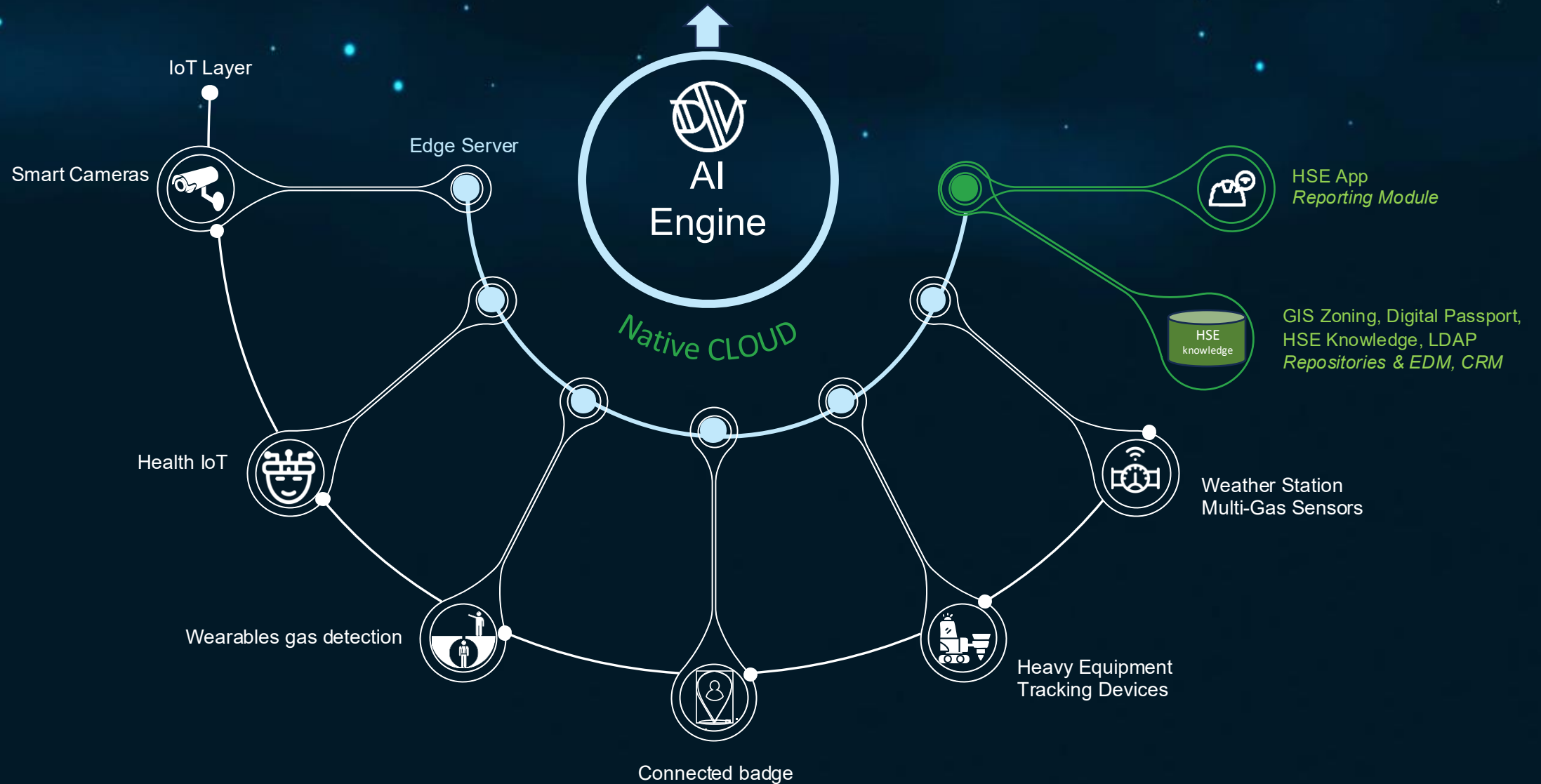
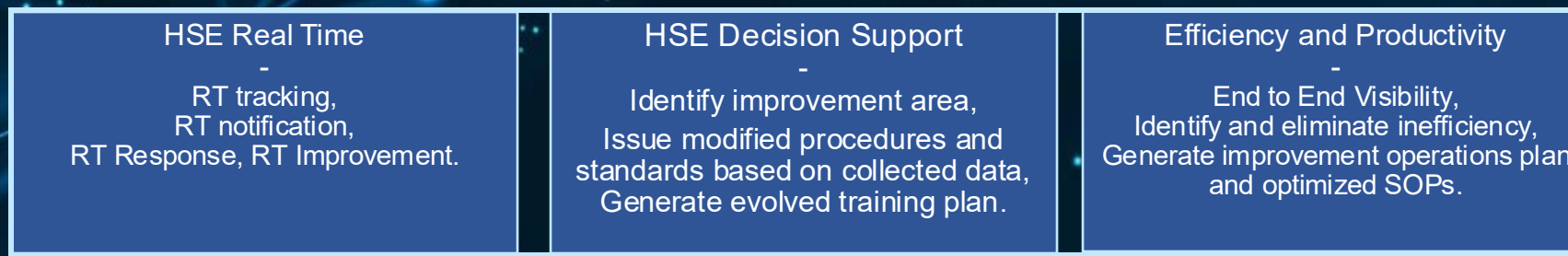
- The PROACTIVE reporting (bottom part of the pyramid)



# AI-HSE Software – Improved Workers safety, Maximise your Productivity & Efficiency

- Improved safety: Companies can quickly respond to emergencies and ensure the safety of employees.
- Enhanced security - prevent unauthorized access to restricted areas.
- Enforce Compliance - with regulations related to employee safety and security.
- Efficient operation - with NPT identification and AI based improvement sequence.

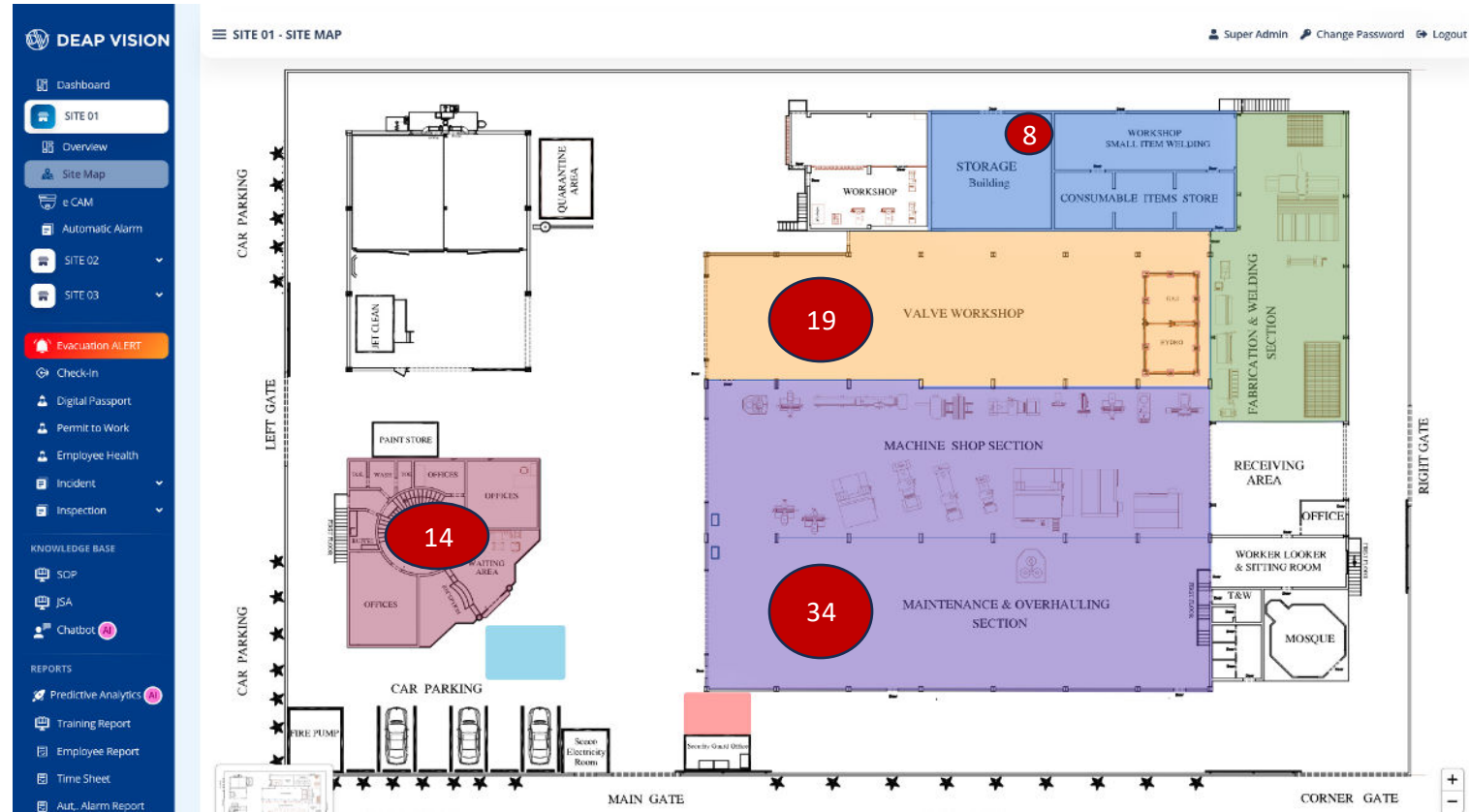






# Real Time Tracking through Interactive Site Maps

- Interactive Site Maps pinpoint the location of employees and their movement in real time.
- In case of emergencies, it expedites response and optimizes evacuation procedures.
- Enhanced security by monitoring unauthorized access to restricted areas.
- AI algorithms analyse movement patterns, geospatial mapping, high congestion areas on site, allowing for better operational planning.



# Digital Passport of Employees

- Advanced Digital Passport maintains in Real Time information regarding employee trainings, certifications, restricted access details, past incidents and logs of Id's and health cards expirations.
- Digital Passport ensures trained and certified people are allowed in high-risk zones thus mitigating risk and reducing incidents.
- Notifications and alarms are raised when IDs or certifications need to be renewed or updated ensuring smooth operations.

**DEAP VISION**

**EMPLOYEE PROFILE**

Super Admin Change Password Logout

**ALEC THOMPSON**  
MANAGER  
+971 50 123 4567

Profile Digital Passport STATUS: ON

**H2S CERTIFICATE**  
12 May 2023 - 12 Aug 2024 **ACTIVE**

**RTPCR CERTIFICATE**  
20 May 2023 - 20 Jul 2023 **SIGN**

**TOXICOLOGY CERT.**  
01 Apr 2023 - 30 Jun 2023 **EXPIRED**

**INTERNAL TRAINING**

Category	Progress
Working Safety	100%
Chemical Handling	60%
Welding Safety	10%
Working Safety	95%
Emergency Response	35%
Risk Assessments	100%

**Internal Training**  
Done - 55%  
In progress - 33%  
Not yet - 10%  
In Progress: 35

**EMPLOYEE PROFILE**

Super Admin Change Password Logout

**ALEC THOMPSON**  
MANAGER  
+971 50 123 4567

Profile Digital Passport STATUS: ON

**EMERGENCY CONTACT**

Contact Name: Alec Rosey  
Phone: +971 50 123 7654

**PROFILE INFORMATION**

Full Name: Alec M. Thompson  
Phone: +971 50 123 4567  
Email: alecthompson@mail.com  
Address: 007 Golden Tower, 37 Street  
State / Country: AlQusais, Dubai - UAE  
Zip Code: 54312

**WORK INFORMATION**

Designation: Manager  
Department: Information Technology  
Hire Date: 24/05/2019  
Work Permit ID: 896342  
Work Permit Expiry Date: 30/12/2023  
Site: Site 01, Site 02  
Shift: Day  
Reported To: Husain Mohammed

**RESTRICTED ACCESS**

Category	Value
Site	SITE 01
Area	Area 01, Area 03
Site	SITE 02
Area	Area 04, Area 09
Restited area Entry	8
Acknowledged	7
Pending	1

**INCIDENT REPORTED**

Category	Value
Hazardous	4
Accident	2

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# Non Conformance Tracking and Integration with IOT's

- Our system harnesses the power of Digital Tech and AI to automatically detect anomalies or non conformances like PPE Kits etc and generates real time audio, video alerts and alarms.
- System integrates seamlessly with IOT's like hazardous gas, heat , fire sensors, environment monitoring devices etc to monitor the facility making it a safe environment for the employees.
- Notifications and alarms are raised when gas leaks, fires, explosions, high pressures and temperatures are sensed, thus ensuring quick and timely evacuations.





# Monitoring Employee Health using IOT's

- Employees working in harsh or hazardous conditions can be monitored using IOTS like vitals monitoring devices.
- Records of employee's heart rates, stress levels, BP, fatigue, blood oxygen and temperature etc. can be monitored to avoid accidents and employee safety.



EMPLOYEE HEALTH									
EMPLOYEE HEALTH LIST									
EMP ID	NAME	HEART BPM	BLOOD PRESSURE	BLOOD OXYGEN	STRESS	TEMPERATURE	WEAR DETECTION	MORE	
765493	Ashok	-	-	-	-	-	NOT WEARING	→	
751901	Antony James	85	90 - 140	92%	52	101.3°F	WEARING	→	
896342	Orlando Imieto	87	78 - 120	97%	62	95.9°F	WEARING	→	
929901	New Rinito	93	83 - 130	81%	52	93.4°F	WEARING	→	
873435	Alwyn Jones	94	87 - 120	94%	78	98.6°F	WEARING	→	
492913	Rex Pinto	80	89 - 130	98%	57	95.6°F	WEARING	→	
751901	Antony James	85	90 - 140	92%	52	101.3°F	WEARING	→	
896342	Orlando Imieto	87	78 - 120	97%	62	95.9°F	WEARING	→	
929901	New Rinito	93	83 - 130	81%	52	93.4°F	WEARING	→	
873435	Alwyn Jones	94	87 - 120	94%	78	98.6°F	WEARING	→	

# ChatBot Module IOT's

- Instant HSE Support: Provides 24/7 assistance for safety protocols, emergencies, and compliance queries.
- Incident Reporting: Enables quick reporting, tracking, and follow-up of safety incidents and hazards.
- Virtual Assistant for Real Time production Data input
- Training & Compliance: Assists with certification tracking, reminders, and regulatory compliance.
- Risk Alerts: Offers proactive safety warnings using AI and predictive analytics.



# Check-in-out and Access Control

- Added Security at gates for employee check-in and check-out using Facial Recognition Cameras and RFID cards.
- Access control and creating restricted zones, dual presence, zero occupancy and movement detection.
- Additional HR function to record and maintain time and attendance for employees.
- Alarms and Alerts are automatically generated if system detects anomalies.
- Reports can be generated to analyse and optimize processes and operations.

DEAP VISION

Dashboard

SITE 01

Overview

Site Map

e-CAM

Visitor

Checkin List

SITE 02

SITE 03

REPORTS

Employee Reports

Time Sheet

Employee Alarm

ADMIN

Employee

Shift

Zone

SITE 01 - DASHBOARD

PREMISES (ZONE 01)

12 - Employees (Total)

6 - area main

4 - area side

2 - area down

03 - Readers

07 ppm - H2S Gas

10 ppm - CO2 Gas

EXECUTE (ZONE 02 - Restricted)

02 - Employees (Total)

0 - area main

1 - area side

1 - area down

03 - Readers

32 ppm - H2S Gas

32 ppm - CO2 Gas

LIVE TRACKING - 14 EMPLOYEE (TOTAL)

NAME	ZONE	LOCATION	ENTER TIME	LAST PING TIME	SH
Orlando Imieto	Z1234	area front	11:23 AM	1:49 AM (2ms)	2
New Rinito	Z4234	area down	12:23 AM	1:50 AM (1ms)	2
Alwyn Jones	Z1234	area front	11:23 AM	1:49 AM (2ms)	2
Rex Pinto	Z1234	area down	12:23 AM	1:50 AM (1ms)	2
Antony James	Z1234	area front	11:23 AM	1:49 AM (2ms)	2

CHECKIN LIST

Search

VERIFIED

Narain C

Electrical Engineer

Work ID : DVPS 1234

H2S Cert. expiry in : 40 Days

Restricted Zone : Allowed

NOT-VERIFIED

Narain C

Electrical Engineer

Work ID : DVPS 1234

H2S Cert. expiry in : 40 Days

Restricted Zone : Not-Allowed

VERIFIED

Narain C

Electrical Engineer

Work ID : DVPS 1234

H2S Cert. expiry in : 40 Days

Restricted Zone : Allowed

VERIFIED

Narain C

Electrical Engineer

Work ID : DVPS 1234

H2S Cert. expiry in : 40 Days

Restricted Zone : Allowed

DEAP VISION

Dashboard

SITE 01

SITE 02

SITE 03

Check-In

Digital Passport

Permit to Work

Employee Health

Incident

Inspection

KNOWLEDGE BASE

SOP

ISA

Chatbot

REPORTS

Predictive Analytics

Training Report

Employee Report

CHECKIN LIST

21 GATE 01

123 GATE 02

18 GATE 03

12 GATE 04

40 EXIT GATE 05

150

100

50

0

Gate 01

Gate 02

Gate 03

Gate 04

Exit G 05

CHECKIN LIST

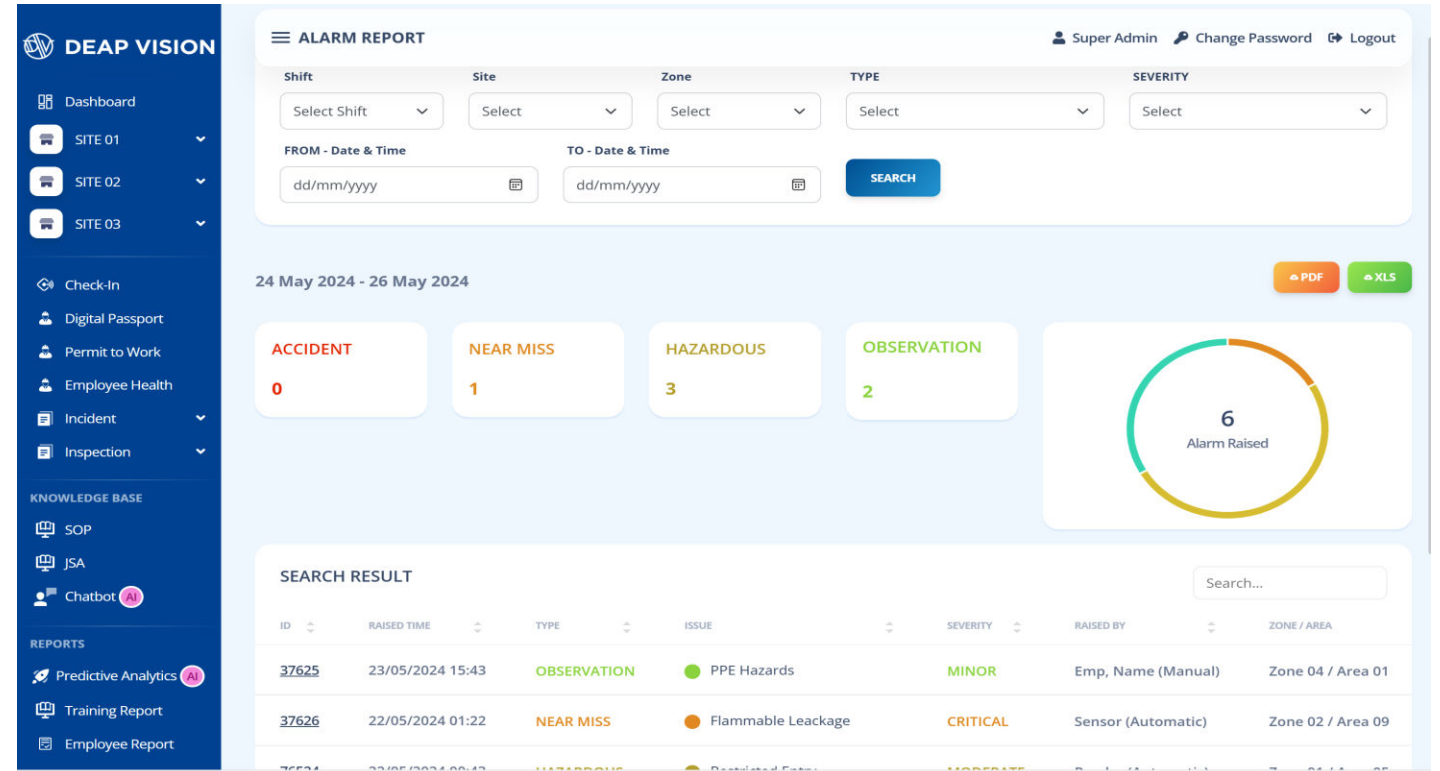
Search...

CHECKIN GATE	CHECKIN TIME	EMP NAME	EMP ID	SHIFT	CURRENT ZONE	LAST PING TIME
Gate 03	23/07/2023 15:43	Rex Pinto	896342	DAY	Zone 04	1:49 AM (2ms)
Gate 05	23/07/2023 01:22	Rex Pinto	896342	DAY	Zone 02	1:49 AM (2ms)
Gate 01	23/07/2023 00:43	Rex Pinto	896342	NIGHT	Zone 04	1:49 AM (2ms)
Gate 02	23/07/2023 10:38	Rex Pinto	896342	DAY	Zone 04	1:49 AM (2ms)
Gate 03	23/07/2023 08:22	Rex Pinto	896342	DAY	Zone 04	1:49 AM (2ms)
Gate 03	23/07/2023 01:22	Rex Pinto	896342	DAY	Zone 04	1:49 AM (2ms)
Gate 03	23/07/2023 15:43	Rex Pinto	896342	DAY	Zone 04	1:49 AM (2ms)

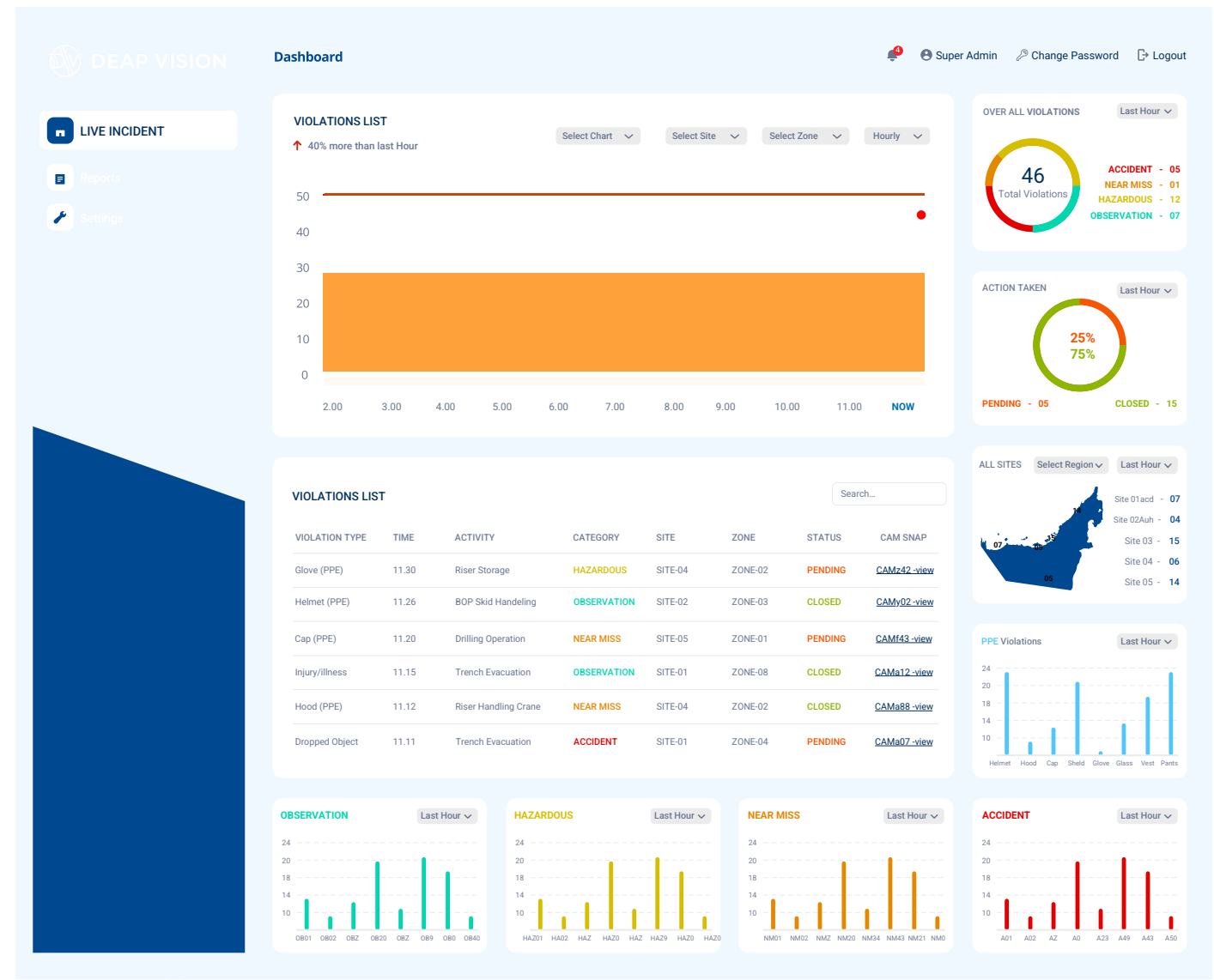


# Reporting Incidents, Violations, Alarms

- Incidents and violations can easily be raised or reported, assigned to specific teams, tracked, investigated, follow ups and remedies be monitored within preset turnaround times.
- Reports can be generated for violations, accidents and alarms with video feeds.
- AI engine uses algorithms to analyse reports and data to give valuable insights and predict outcomes and suggest corrective actions to avoid future incidents.



# AI Engine generated Dashboard, Report Analyses, Predictive Analytics



HSE Real Time  
-  
RT tracking,  
RT notification,  
RT Response, RT Improvement.

HSE Decision Support  
-  
Identify improvement area,  
Issue modified procedures and  
standards based on collected data,  
Generate evolved training plan.

Efficiency and Productivity  
-  
End to End Visibility,  
Identify and eliminate inefficiency,  
Generate improvement operations plan  
and optimized SOPs.

# QHSE Mobile Application

- QHSE Mobile app ensures timely notifications, comprehensive investigations and accurate reporting of HSE incidents that are synced in Real time with the AI platform.
- Alarms and Alerts are generated in real time to ensure quick and timely responses and solutions.
- App is accessible on various platforms like smart phones, tablets etc. The application interface have an intuitive, user-friendly interface designed to be easily accessible by employees regardless of their skill levels.



## QHSE

DEAP VISION LTD  
Contains ads

100+ Downloads | PEGI 3

Install Share Add to wishlist



App support



## Worker Attendance

DEAP VISION LTD

1+ Downloads | PEGI 3

Install Share Add to wishlist



App support





# Comprehensive AI-HSE Unifield Platform

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Enhancing Industry's safety and productivity using advanced connected IoTs and AI



Proactive approach to HSE management, tailored to customers' needs and compliance (Standards, Procedures, SOP, JSA, etc.)



Open Platform, Scalable solution ensures easy integration with existing systems, supporting customers' current and future operations



Promotes sustainable practices by optimizing resource usage and enforcing safety and environmental protocols



Predictive analytics and machine learning significantly reduce accidents, protecting workforce, assets, and environment

# ADIPEC AWARD: Advanced Technology Software- HSE Software ESG Regulation

## DEAP Vision Recognized from ADIPEC for Advanced AI-HSE Solution



- HSE (Health, Safety, Environment) AI solutions will prevent catastrophe scenarios
- Improved compliance with environmental regulations ESG (Environment, Social, Governance)
- Drive useful insights for climate change improvement.

# Join Us!

Revolutionizing workplace safety  
and efficiency with AI-powered  
HSE solutions!

[www.abmsate.com.sa](http://www.abmsate.com.sa)

[z.shariff@abmsate.com.sa](mailto:z.shariff@abmsate.com.sa)

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 **DEAP VISION**

