



Digital Transformation for Sustainable Operations

Introduction Presentation

The screenshot displays the Syook InSite dashboard, which provides a comprehensive overview of a manufacturing unit's operations. The interface includes a navigation menu with options for Map, Dashboard, Reports, Admin, and Add-ons. A search bar is located at the top left. The main area features a detailed floor plan of the manufacturing unit, with various rooms and areas labeled, such as Engine Shop, Assembly Shop, S. Warehouse, Security Room, Transmission Shop, and Office Building. Real-time location data is visualized on the map using red location pins for people and blue truck icons for assets. A sidebar on the left lists assets under the 'Trucks' category, with details for specific vehicles like DL 02 YJ 2487, TN 08 HJ 2982, and AP 05 UP 2728. A pop-up window on the right provides detailed information for a specific worker, Karthik Sami, including his employee code (C0747019), tag (SY-CY-A0075(BL)), and current location (Main Road, Manufacturing Unit). The dashboard also features several callout boxes highlighting key capabilities: 'Real time location of people' (top left), 'Proactive intervention with real time alerts' (top right), 'Real time location of assets' (middle left), 'Continuous improvement with analytics' (bottom left), and 'Automated emergency response' (bottom right). The bottom of the dashboard includes a status bar with icons for connectivity and a set of tabs for different site types: Office, Construction Site, Small Factory, Manufacturing Unit (selected), and Hospital.

Improve Safety

Endure Sustainability

Ensure Compliance

The founding team at Syook has **45 Years Global** mission critical operations experience in the upstream Oil & Gas Sector



Arjun Nagarajan

Co-Founder & CEO

Leadership



Saurabh Sharma

Co-Founder & COO

Business



Aman Agarwal

Co-Founder & CTO

Technology



USA



Middle East



India



Thailand



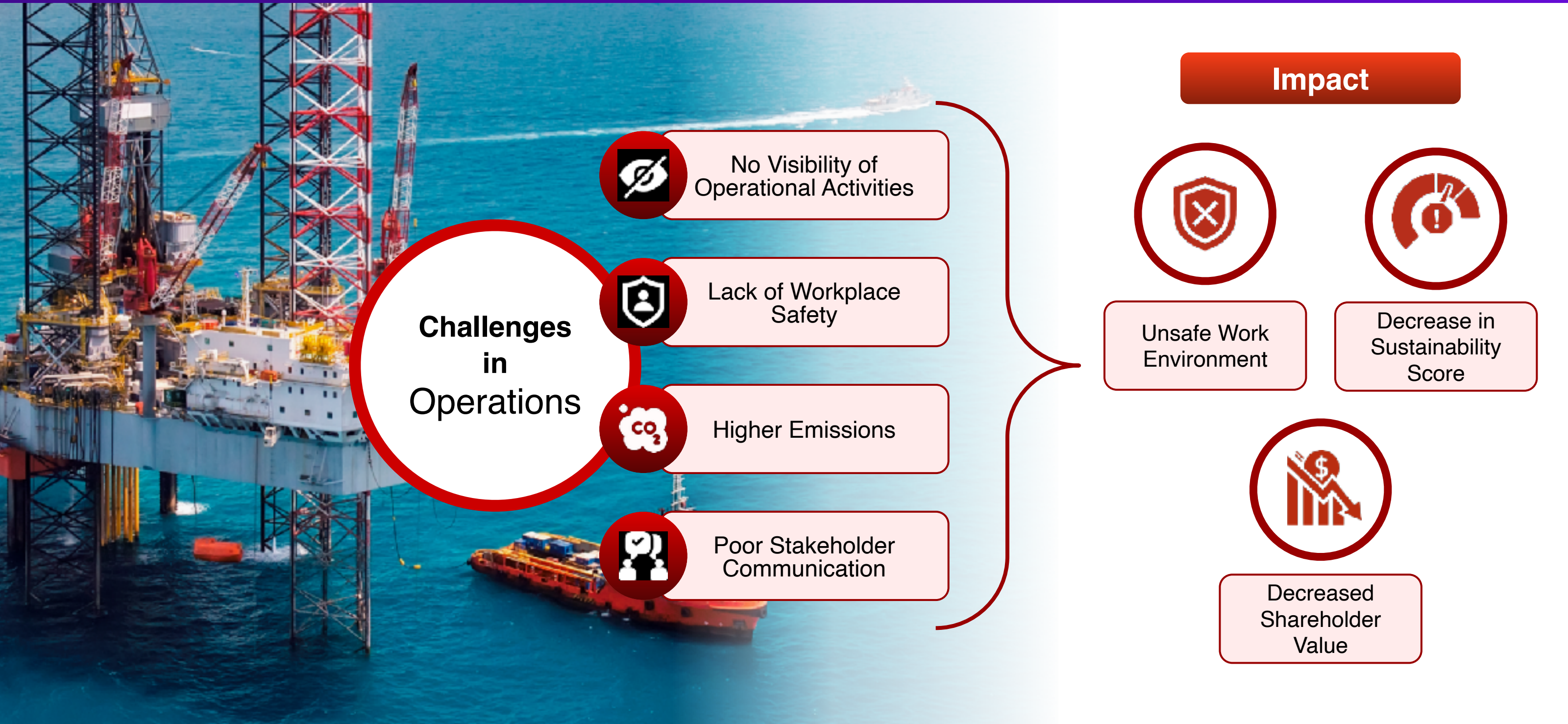
الامكو السعودية
Saudi Aramco



Exxon

Problem Statement

Inefficiency in operations is very expensive



Challenges in Operations

-  No Visibility of Operational Activities
-  Lack of Workplace Safety
-  Higher Emissions
-  Poor Stakeholder Communication

Impact

-  Unsafe Work Environment
-  Decrease in Sustainability Score
-  Decreased Shareholder Value

How do we do it: Proactive Monitoring

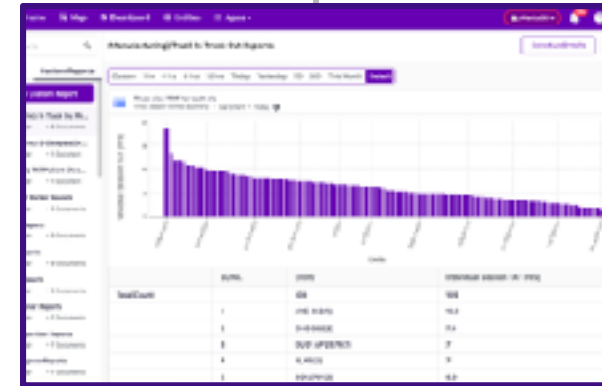
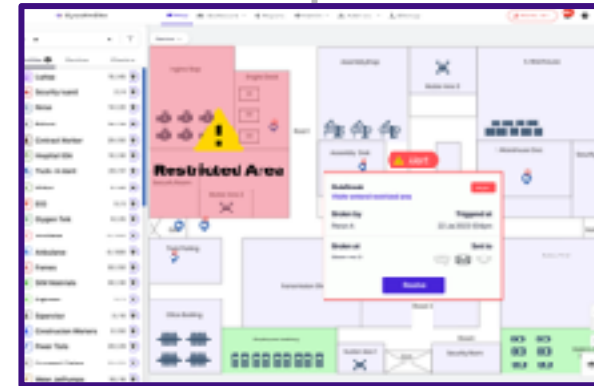
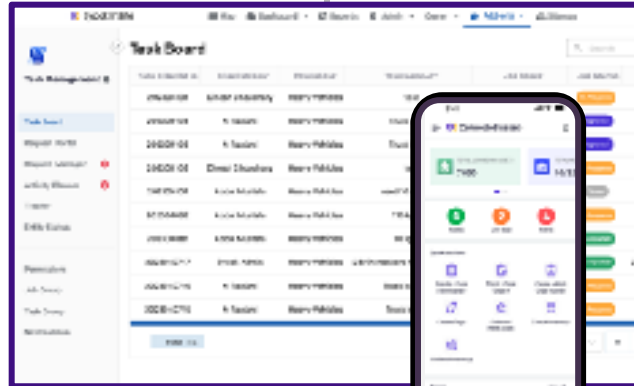
Create a real-time map of the facility

- Plot asset positions
- Monitor sensor data

Digitize Processes

Configurable safety compliances for proactive action

Analytics for data driven decisions to enhance safety



Progress Towards Sustainable Operations

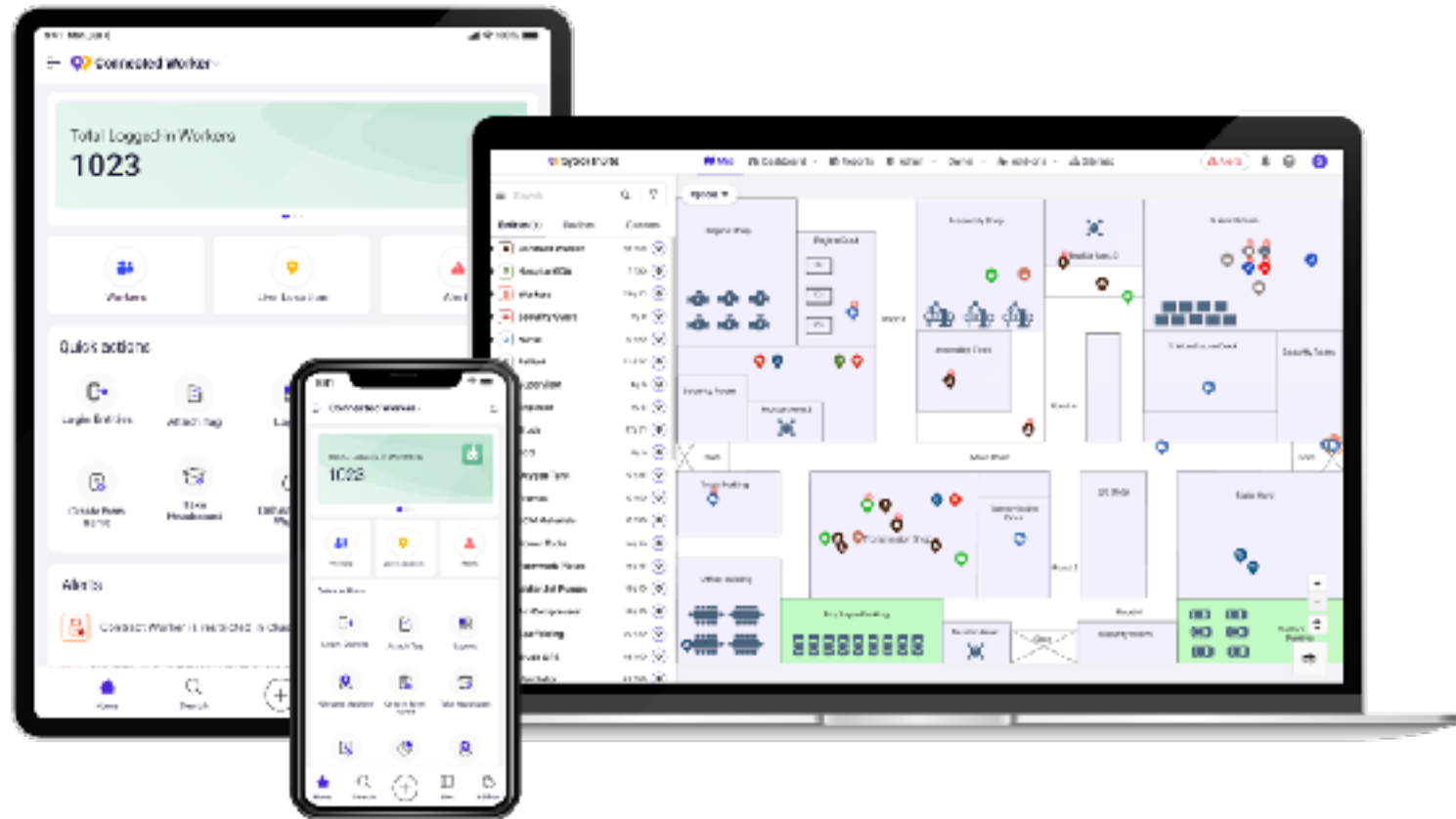
Improve Safety

Reduce risks

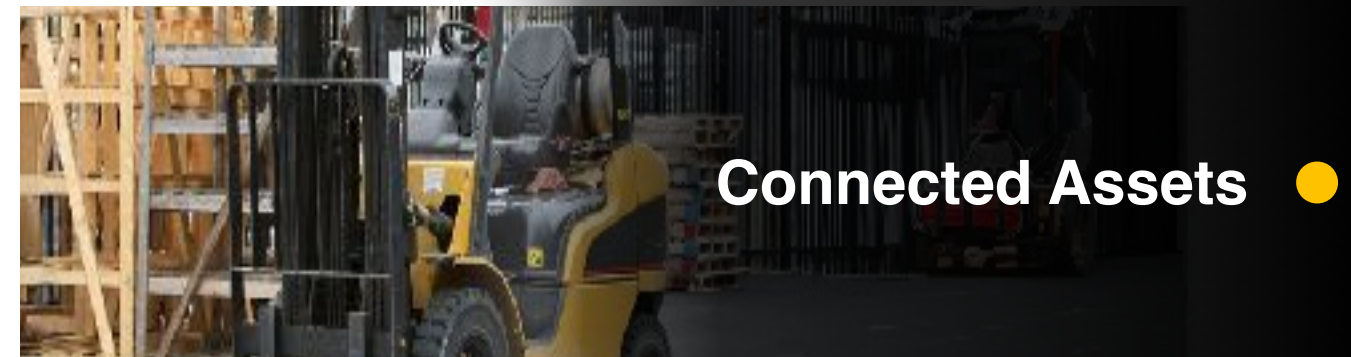
Enhance Productivity

Solution

Syook's revolutionary product InSite offers cutting edge technology to solve all operational challenges



Connected Worker



Connected Assets




Environment Monitoring and Sustainability



Transport & In-Plant Logistics

What all does it offer?

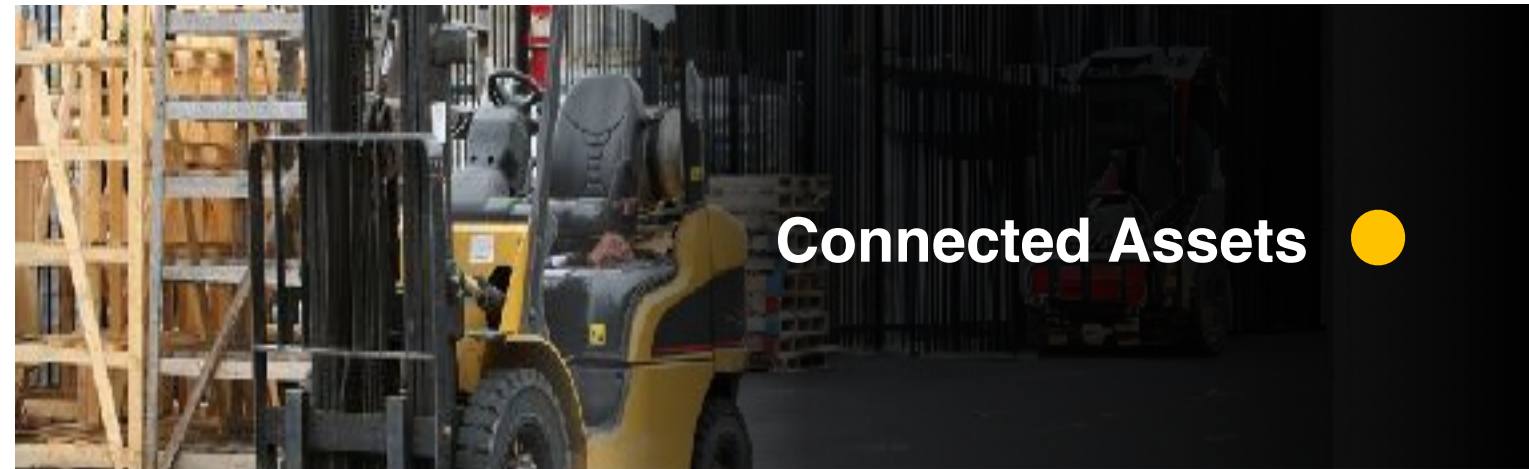
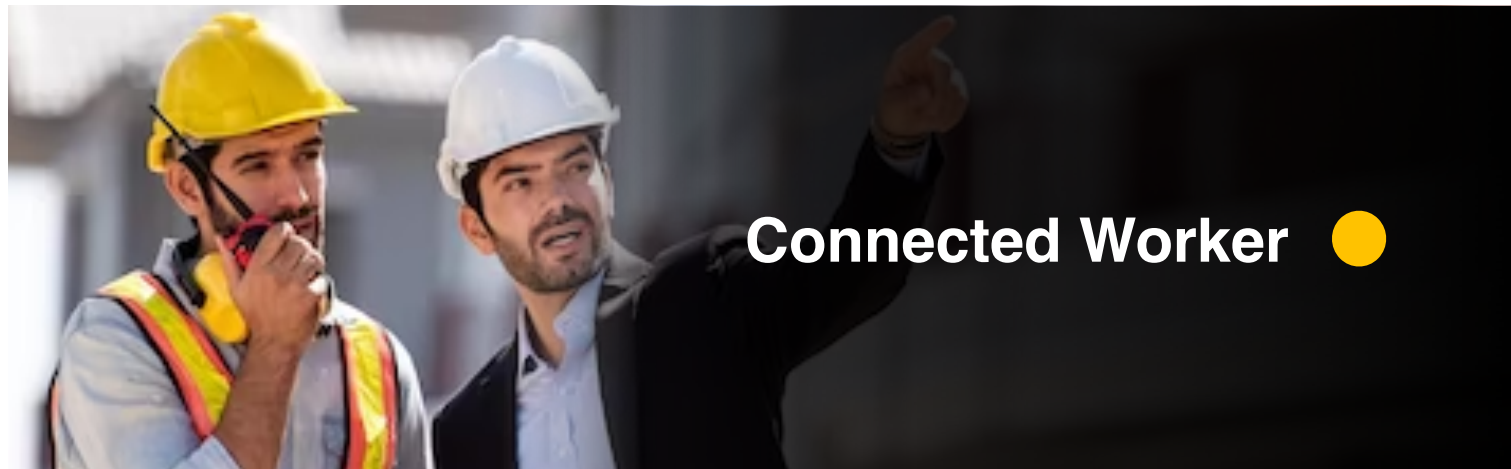

Real time location


Rules and Alerts


Proactive Intervention

Solution

Syook's revolutionary product InSite offers cutting edge technology to solve all operational challenges



Connected Worker

Improve safety, productivity and sustainability at your workplace

Features



Location Tracking



SOS alert



Immobility Detection

Solution Benefits



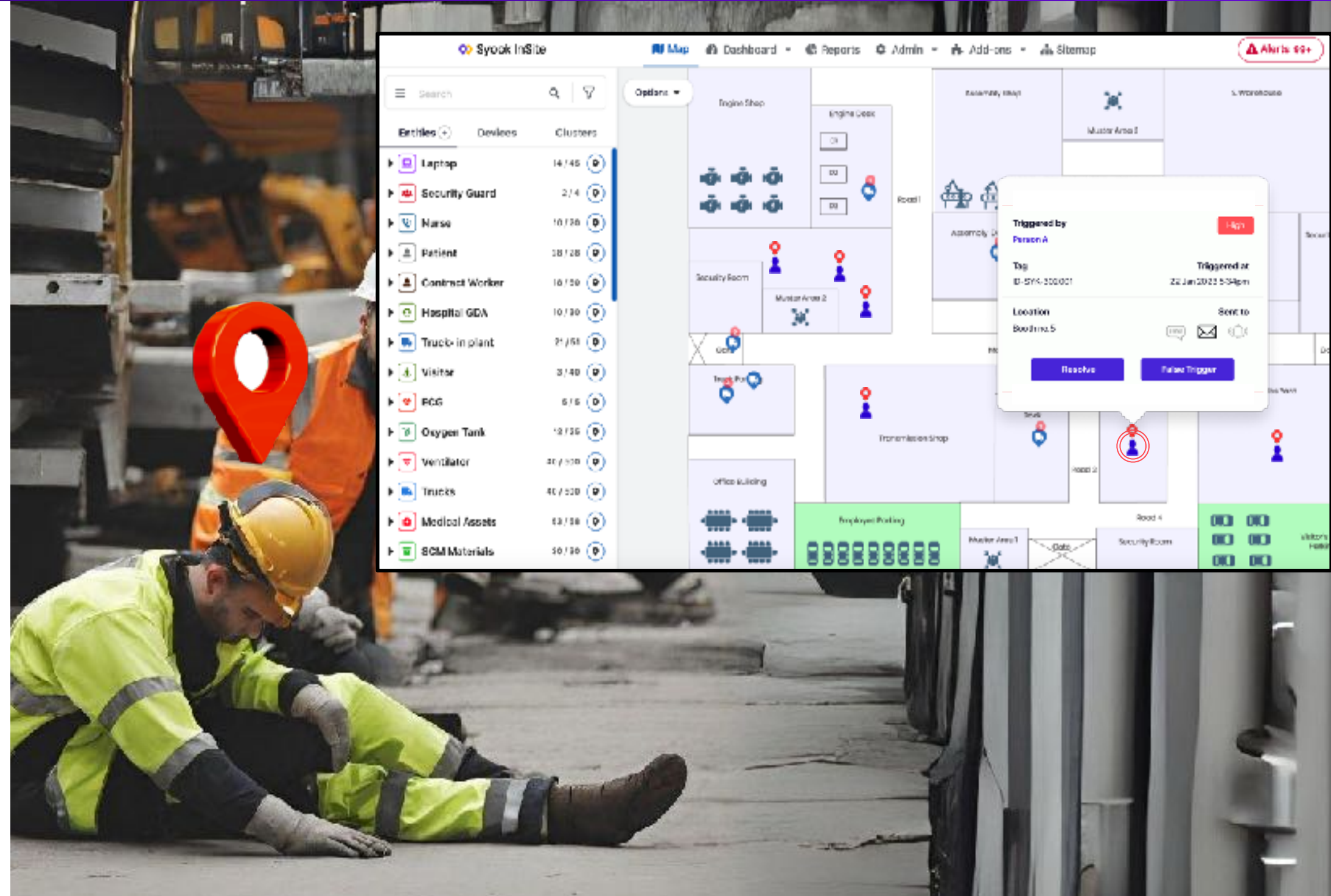
Faster Emergency Response



Monitor Skilled Worker Productivity



Digitized Daily Processes



Set Up Compliance Rules

Set rules in under 60 secs and get real-time breach alerts for people assets and vehicles

Unauthorized Access High

Unauthorized access in Cluster Security Room

Breached By: [Motor Scooter](#) Triggered At: 25-Feb-24 2:04pm

Camera: ID-074638 Ongoing since: 07sec

Location: Cluster Security Room Send To: [icon]

Resolve
False Trigger

Collision Detection High

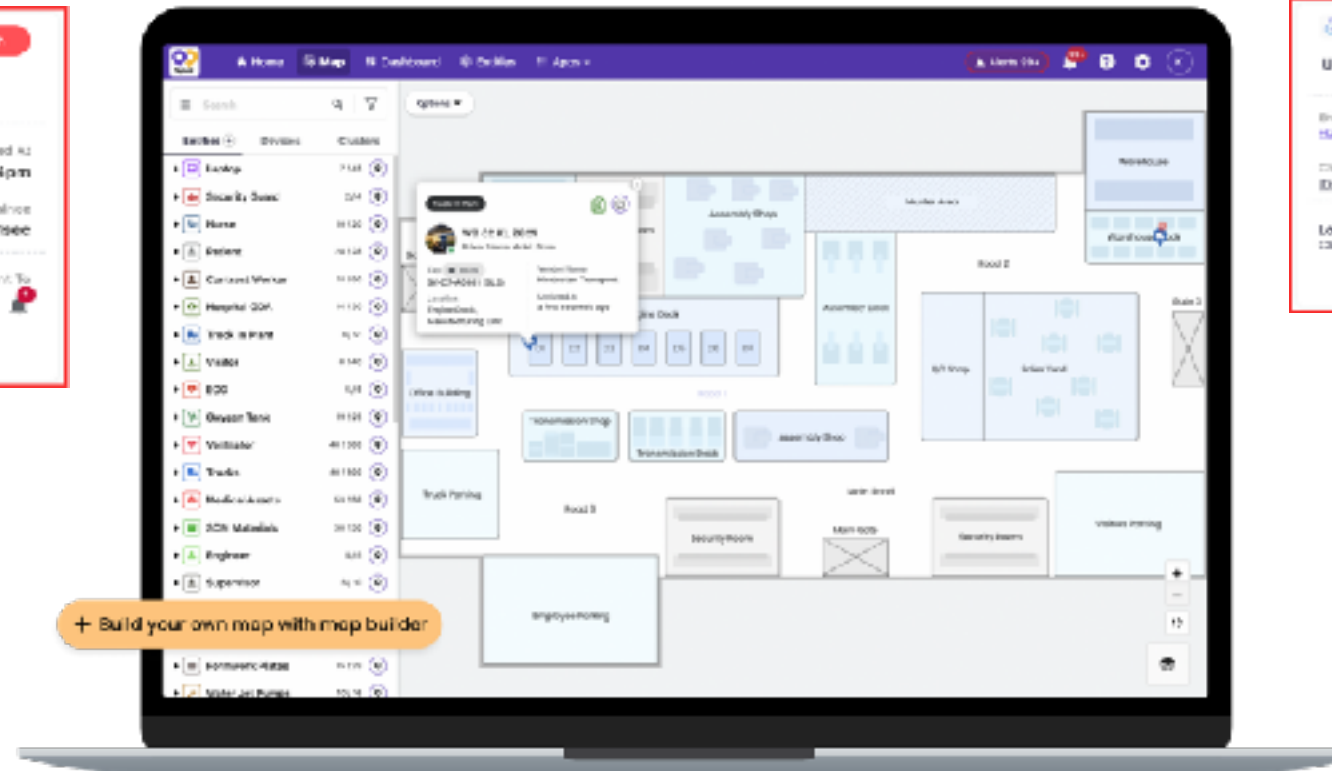
Collision Detected within Cluster Dock 2

Breached By: [Truck 2982](#) Triggered At: 25-Feb-24 2:04pm

Camera: ID-67546 Ongoing since: 07sec

Location: Cluster Dock 2 Send To: [icon]

Resolve
False Trigger



Unsafe Behavior High

Unsafe behaviour detected in Cluster Bay 2

Breached By: [Sachin Dondia](#) Triggered At: 23-Feb-24 2:00PM

Camera: ID-08023 Ongoing since: 07sec

Location: Cluster Bay 2 Send To: [icon]

Resolve
False Trigger

Danger Zone Infration Alert High

Veil not detected on Shop floor

Breached By: [Seema Jain](#) Triggered At: 25-Feb-24 2:04pm

Camera: ID-06021 Ongoing since: 07sec

Location: Shop floor Send To: [icon]

Resolve
False Trigger



Geofencing



Restriction



Time Presence



Allowance



Absenteeism



Immobility

CCTV Surveillance & Real Time AI Video Intelligence

Enhance safety with real-time AI video detection, alerts, and streaming



Fire and Smoke Detection



Steam Detection



Collision Detection



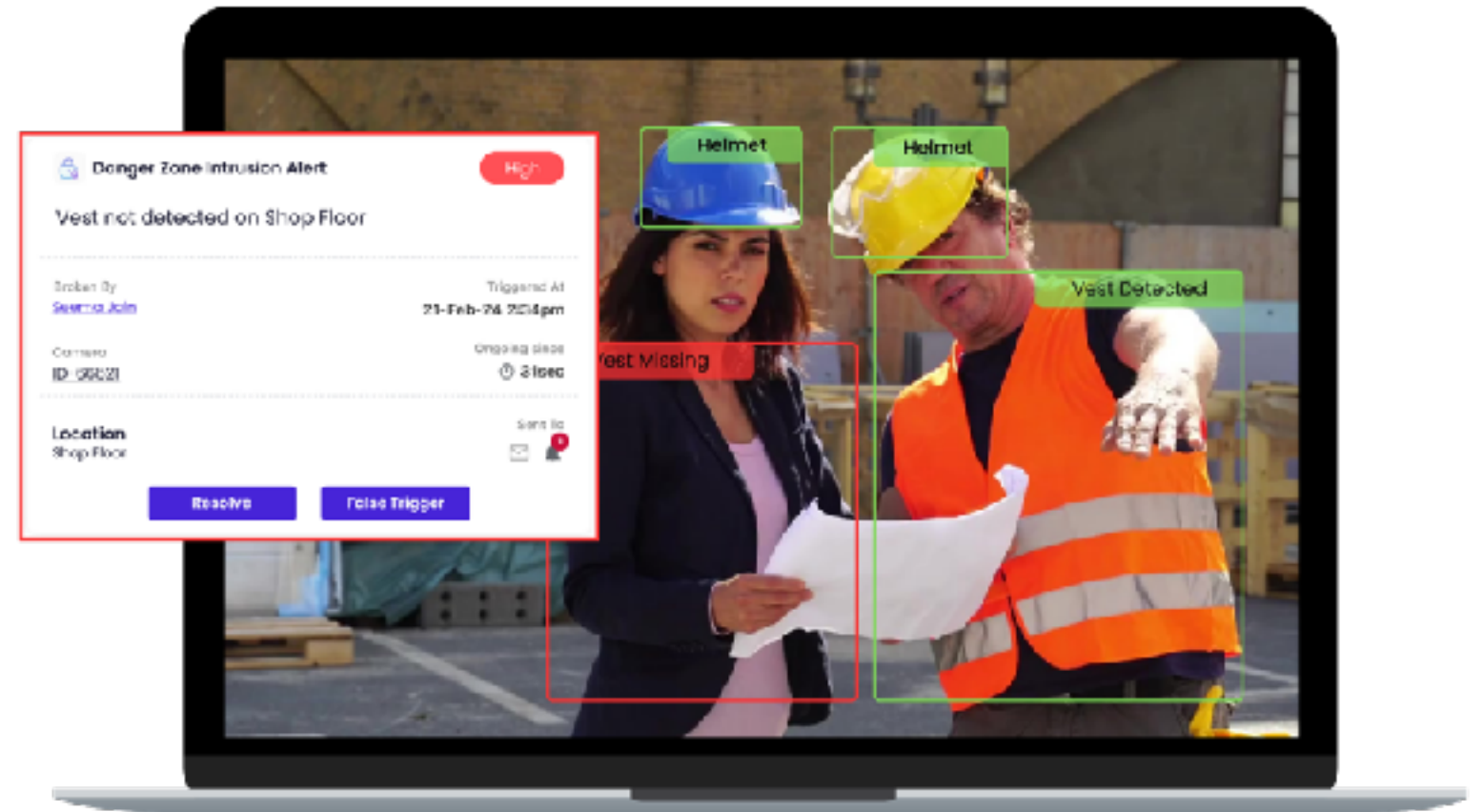
Unsafe Behaviour Detection



Spillage Detection



Fatigue Detection



Danger Zone Intrusion Alert High

Vest not detected on Shop Floor

Broken By: [Svetlana John](#) Triggered At: 21-Feb-24 20:14pm

Camera ID: 06021 Missing since: 31sec

Location: Shop Floor Send to: [Email Icon] [Push Icon]

Reactivate Close Trigger

Improve site security and monitoring capabilities

Impact of Connected Worker

Syook's InSite has delivered results across industries



100

People Monitored

50%

Reduced emergency mustering time

20+

Safety Alerts/ Day



1400

People Monitored

Mustering Time
17 mins
Before InSite

02 mins
After InSite



4000+

Workers Monitored

7%

Increase in Machine Productivity

2000+

Machines Allocated

Connected Asset

Maximized Asset Value: Seamless Management from Procurement to Disposal

Features



Asset Location Tracking



Raise Procurement & Disposal



Work Order Management

Solution Benefits



Visibility on Asset Utilization



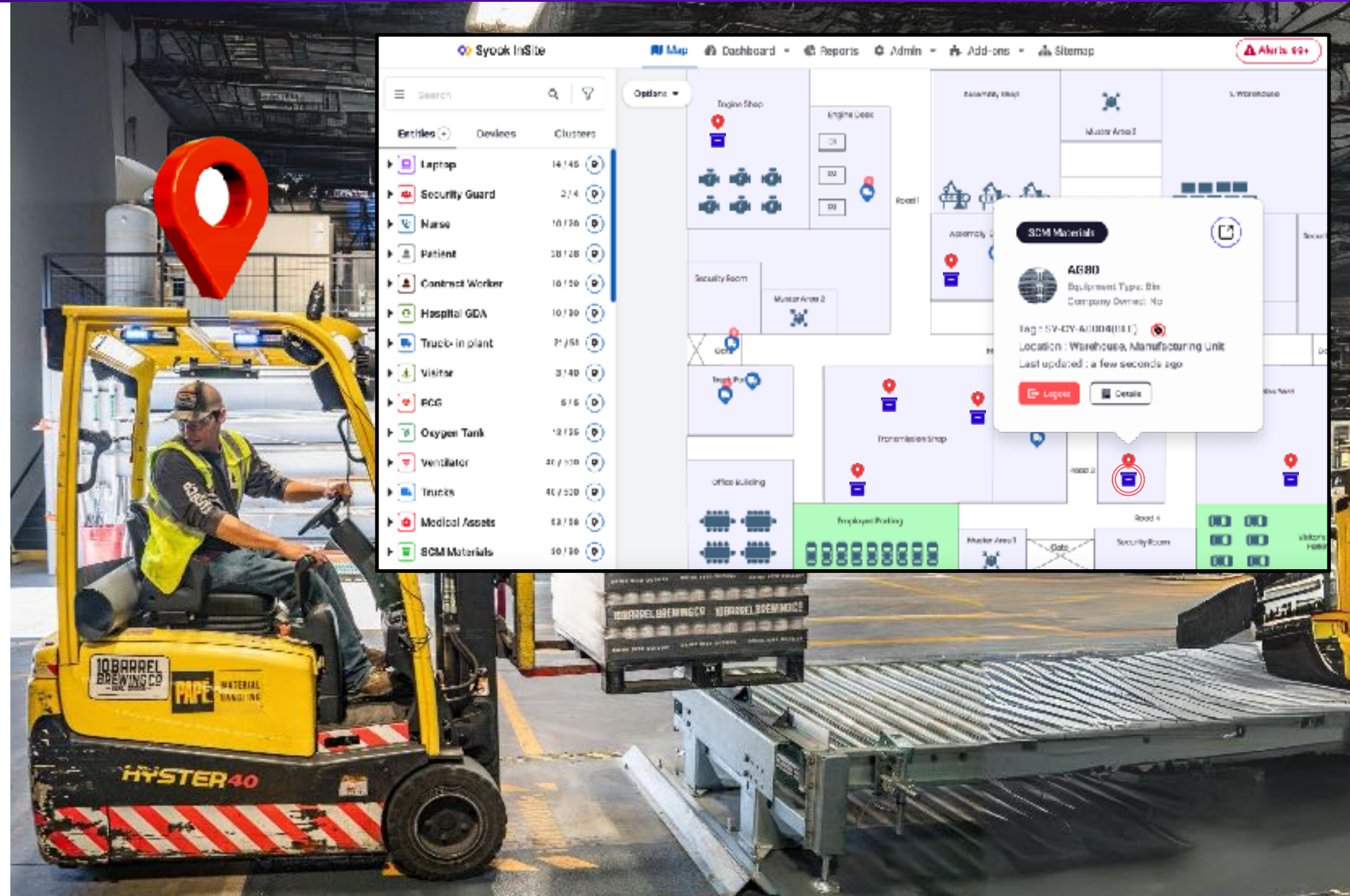
Prevent Loss of Assets



Predictive Maintenance



Increase Asset Life



Impact of Connected Asset

Syook's InSite has delivered results across industries



Medtronic

2000

Assets Tracked

30%

Improved Order Fulfilment

40

Locations Pan India



23D:15D ↓

Reduced TAT

60%

Reduced Search Time

10X

ROI

Transport & In-Plant Logistics

Harness Digital Excellence for Streamlined Vehicle Management

Features



Location Tracking



Trip Management



E-Gate Pass

Solution Benefits



Digitisation of Manual Process



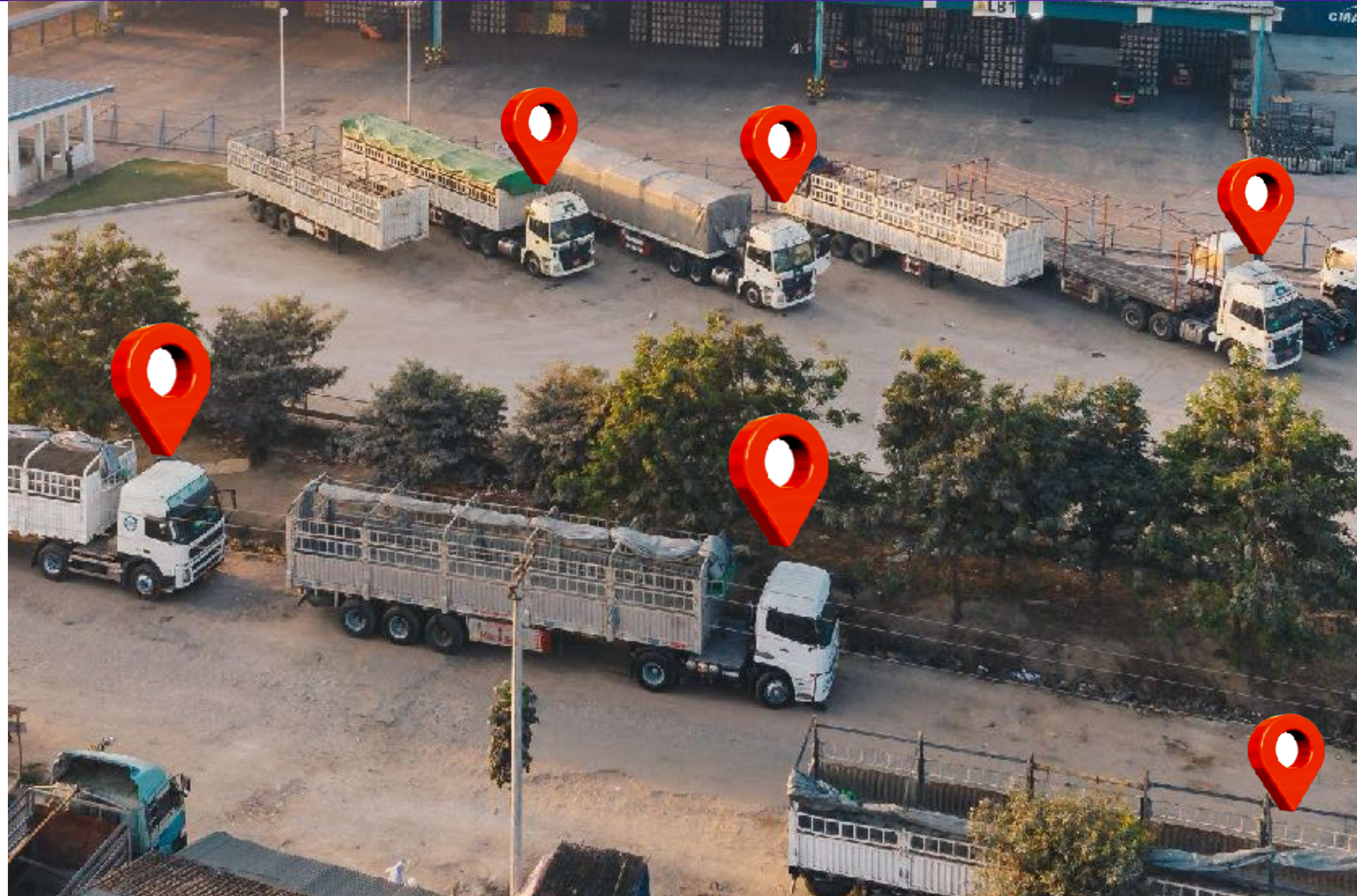
Reduced Truck TAT



Comprehensive Dock Management



Reduced Demurrage Charges



Transport & In-Plant Logistics

Syook's InSite has delivered results across industries

The logo for FCA (Fiat Chrysler Automobiles) is displayed in blue, consisting of the letters 'FCA' in a bold, sans-serif font.

45 Mins

TTAT Reduced

50%

Reduction in Demurrage Charges

30%

Bay Utilization
Improved



400+

Vehicles Tracked / Day

2500+

Indents Created / Week

2000+

Trips Completed / Week



Environmental monitoring



Air Quality



Water Quality Monitoring



Climate monitoring

Solution Benefits



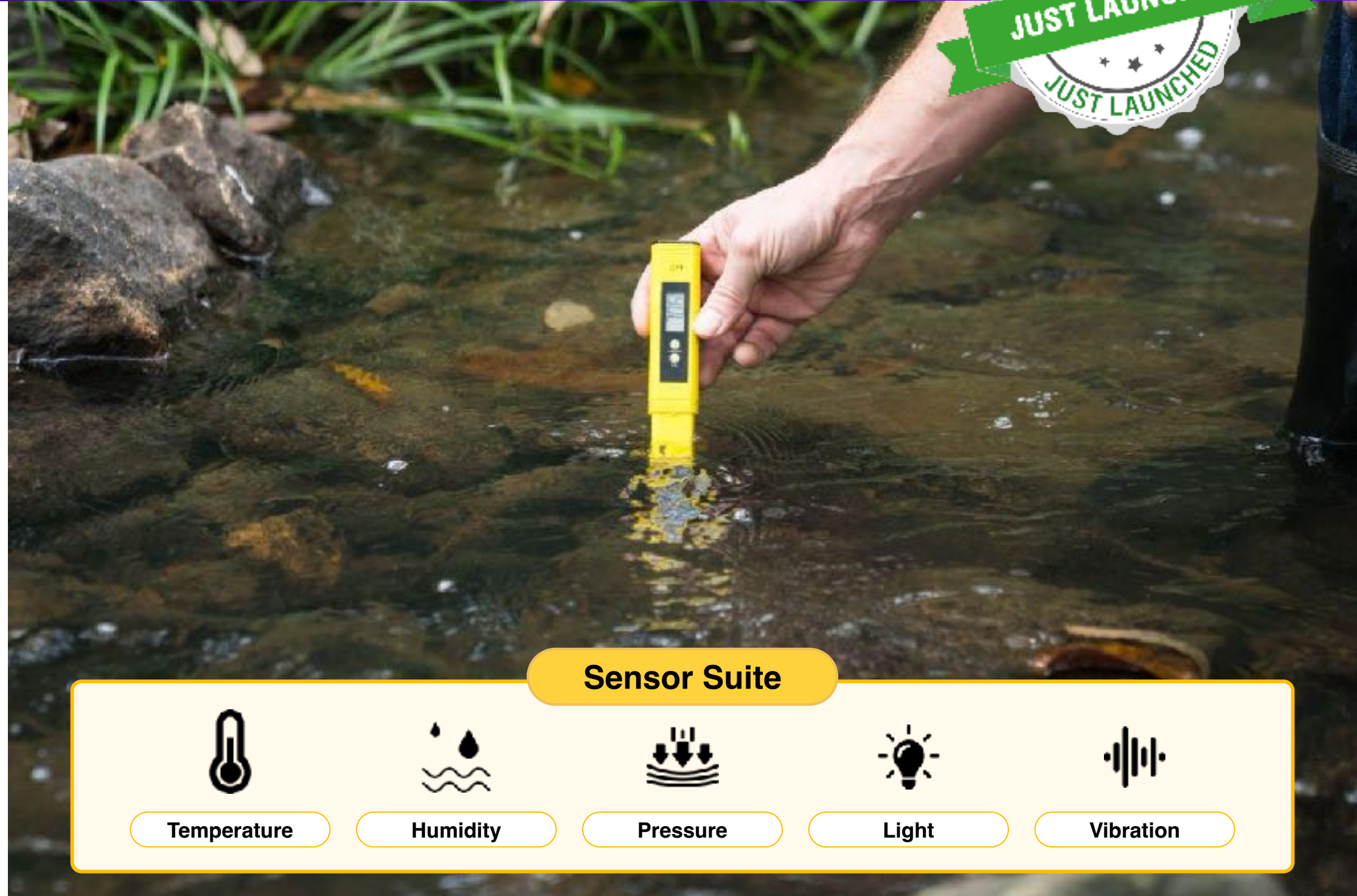
Informed decision making



Ensure Compliance



Reduce Environmental Impact



Sensor Suite



Temperature



Humidity



Pressure



Light



Vibration



Health & Safety

1. SOS alert Incident Reporting
2. Hazardous Area Restriction
3. Emergency Mustering
4. Shock/Fall Detection
5. Immobility Detection



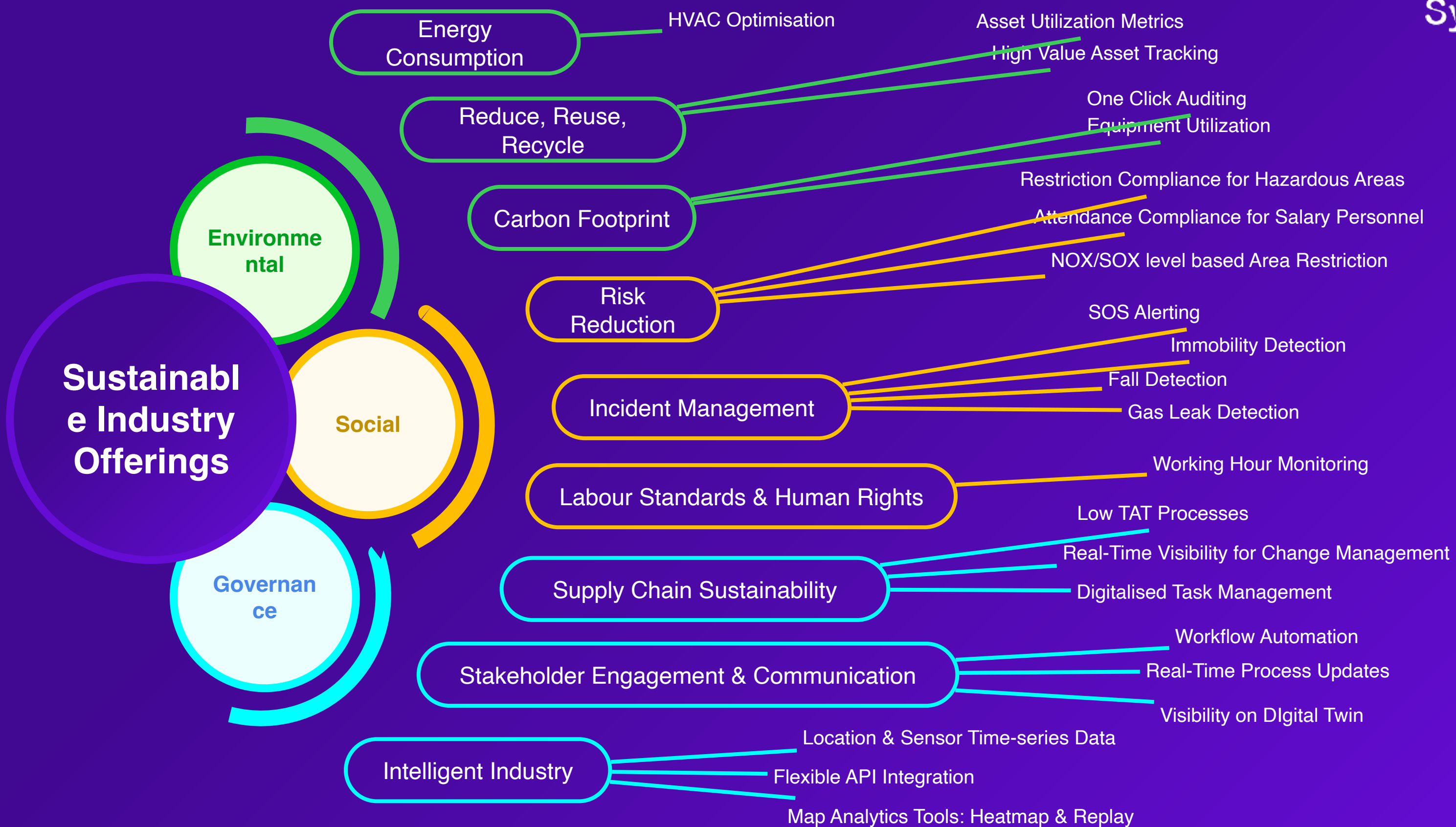
Environmental

1. CO2/NOX/SOX Monitoring
2. HVAC Optimization
3. One-click Auditing
4. Equipment Utilization
5. HV Asset Tracking



Governance

1. Digitalised Processes
2. Asset Utilization
3. Workflow Automation
4. Real-time Process Updates
5. Improved Logistics Efficiency



Key Advantages



Modular



Connected Worker



Connected Asset



Truck in Truck out (TiTo)™



Optimal



RoI from Day 1



No Code IoT Platform



Quick Deployment



Configurable



Flexible

Hardware agnostic



Cloud agnostic

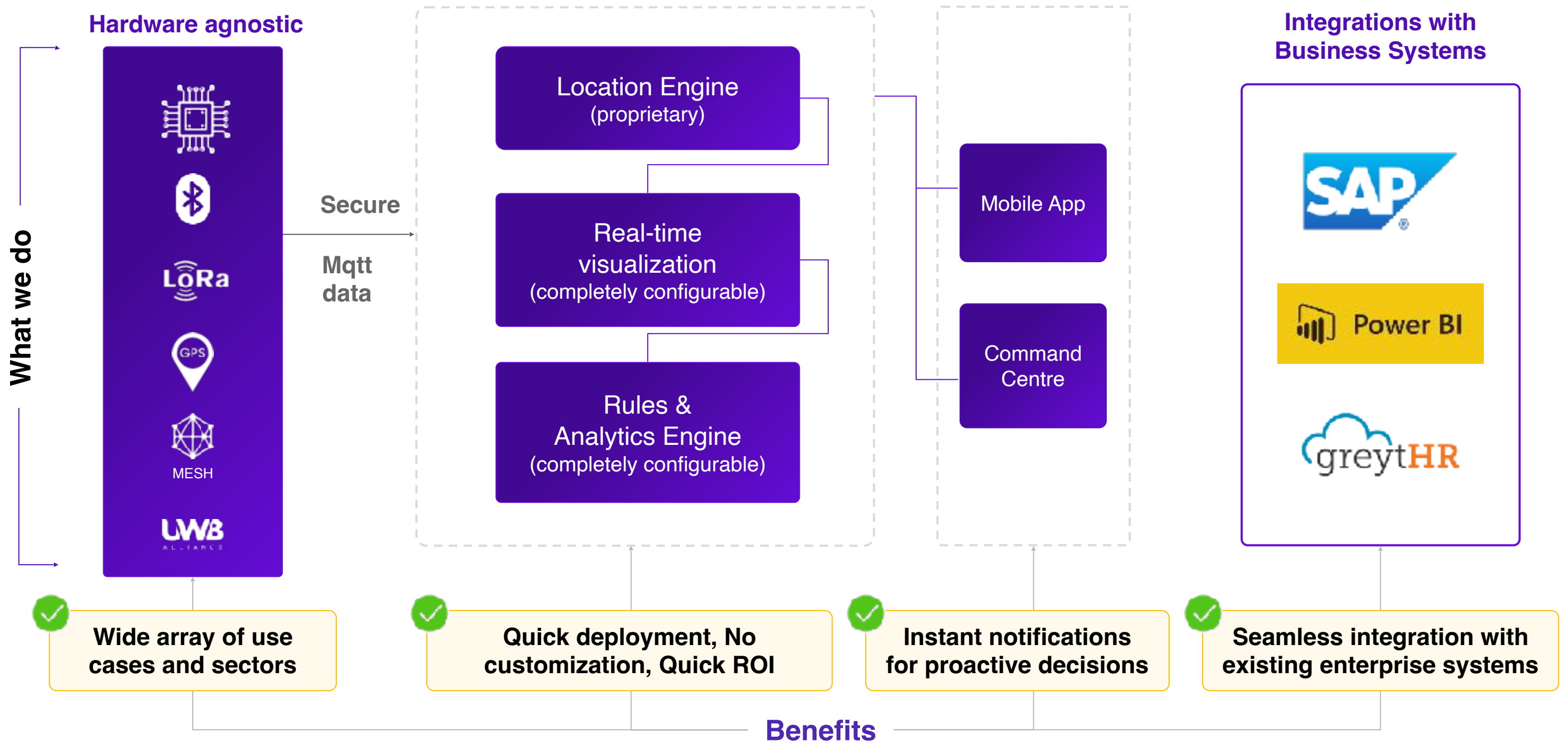


Google Cloud

Integrations



Disruptive Background



Built in India for the World

Solving operational challenges for over 8 years with our partners across the Globe



Achievements



KPMG Startup Search

Syook is a winner of the ENRich 2023 startup search programme

[Click to read More](#)



Best Asset Tracking

Asset Tracking Solution provider of the year award by Supply Tech Breakthrough

[Click to read More](#)



Most Innovative 'IoT-RTLS'

Syook wins the 'Most Innovative Company' at the Innovation awards 2022 by World Finance Magazine.

[Click to read More](#)



Hewlett Packard Enterprise



HPE Catalyst Cohort

Selected as one of the 7 startups for the HPE Catalyst Cohort 3

[Click to read More](#)



TOP 3 Startups

One of the top 3 Startups of the Bosch DNA program

[Click to read More](#)



Only Indian Company

Only Indian company listed in the RTLS space by the Markets & Markets survey.

[Click to read More](#)



YourStory Feature

Syook's story and platform featured in YourStory.

[Click to read More](#)



ŠKODA



1st Prize in Skoda VW Contest

Winner in Skoda VW Imobilihon Contest (Oct 2021).

[Click to read More](#)

Partners



Substantial Uptake with **Marquee** Partners

Customers



Major inroads in the large enterprise segment with huge opportunities to scale-up both in India and abroad

Thank You!

Syook

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ONGC
ENERGY: Now AND Next