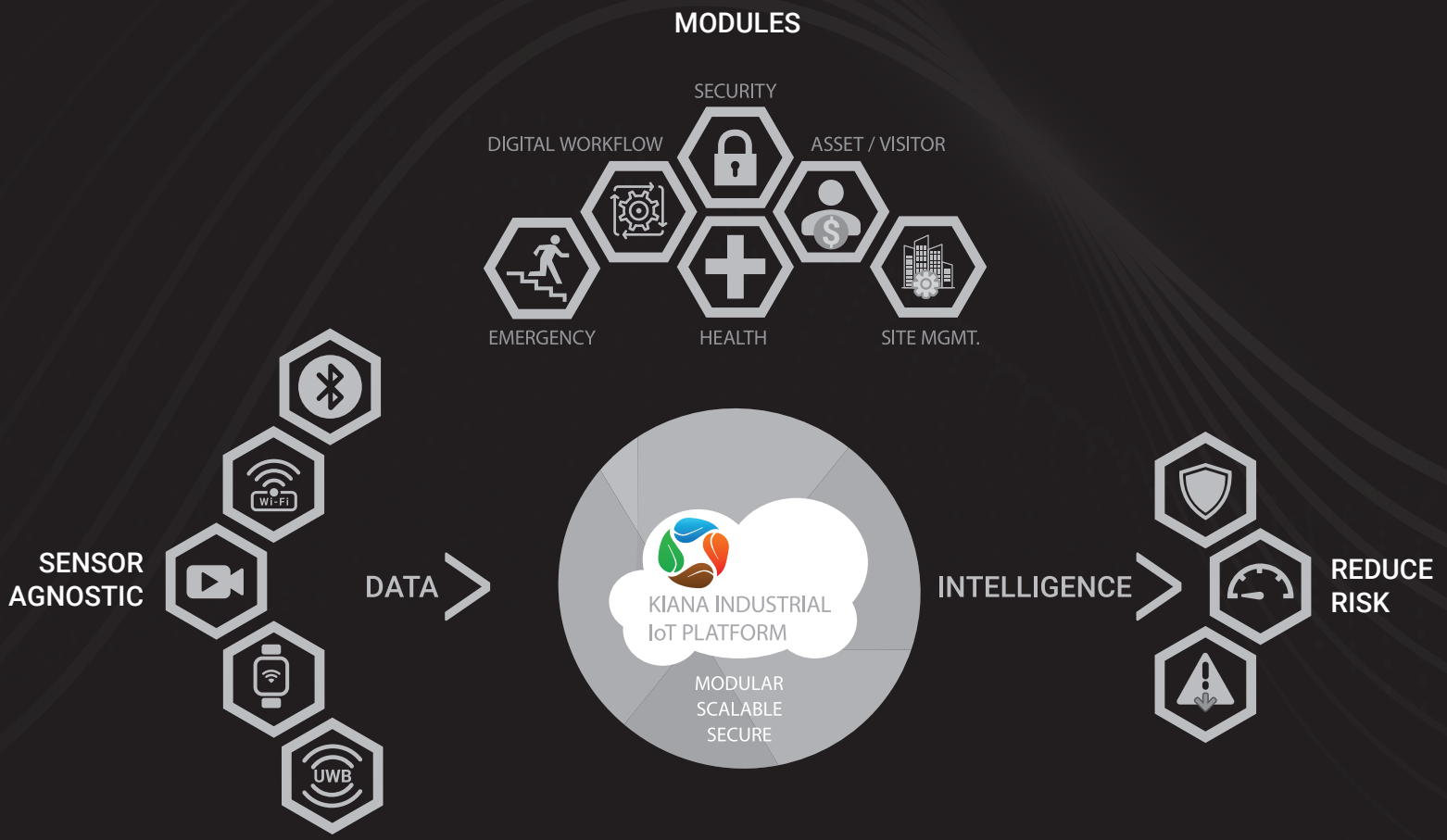
Kiana

Powering the Connected Workplace



Digitizing your Workplace, Workforce and Workflow

Emergency Evacuation / Mustering

Background
Emergency mustering systems are designed to facilitate the safe evacuation of people during a crisis or emergency situation.

Problem
During an emergency, it is vital to know who has or has not left the hazardous area. The ability to track multiple people, at speed in a mass evacuation can prevent injuries, fatalities and loss.

Current Method
Manual mustering is still the most common approach employed to evacuate at an installation. workers, contractors and visitors are guided to preidentified muster points.

Solution
Kiana focuses on where the real risk lies: Identifying who has NOT mustered and their location and status. We locate in real time at risk individuals and if needed, their biometrics, status and generate alerts.

Asset Management

Background
Misplaced assets reduces productivity and increases liability.

Problem
Lost productivity from searching for assets, delayed maintenance and calibration, utilization and scheduling.

Current Method
Mostly manual process and some limited homegrown solutions.

Solution
Kiana utilizes digital tags to locate assets, their status and proximity to other assets and staff. Alerts are provided when assets move outside of a defined zone and if accessed by unauthorized personnel.

Security & Suspicious Device ID

Background
Securing the safety of staff and assets from unknown intruders or unauthorized devices is necessary for physical and intellectual property risk management.

Problem
Protecting people, locations and assets is a critical part of any enterprise. Security surveillance systems are often inadequate or cost prohibitive, especially when it comes to industrial locations and campus sites. In most cases suspicious behavior is difficult to assess and manage until after an event occurs.

Current Method
Deterrence & Delay. Deploy guards, install physical barriers, metal detectors and security cameras. However all tend to be reliant on passive means to protect staff and assets.

Solution
Kiana utilizes data from wireless sensors to detect workers, visitors, and assets' presence. It collects and catalogs device IDs and conducts historical path views and trend analysis to identify intrusions or unauthorized presence. Integrating with video camera data (VMS) helps analyze suspicious activity for situational awareness for immediate action and facilitates forensic analysis to improve security and alert to future breaches.

Dynamic Digital Workflow

Background
Workflows across a facility need to be resolved faster to improve productivity. Assigning issues, resolution reporting and trend analysis of work completed requires new, dynamic processes to deliver real time workflow updates to staff.

Problem
Operations workflow involves mostly manual trouble ticket and assignment tracking. Issues and resolutions take time to report and update and takes time to tabulate and deliver to management, impacting productivity.

Current Method
Operations teams use paper logs to follow up on site/equipment issues and trouble tickets. Changes, updates and new issues cannot be updated for immediate resolution.

Solution
Kiana's SmartTag solution, provides a multi-role based approach to tracking issues, maintenance details, user reporting. Authenticated staff can be alerted and can report to specific details that are unique to their roles. Deep analysis provides immediate feedback to management on issue creation and resolution trends to drive real-time productivity.

About KIANA

Kiana Analytics leverages your existing network infrastructure to collect real-time data from mobile devices. Kiana provides the digital hub for the connected workplace to support productivity, security and safety for your staff, visitors and operations. Our control platform is a Software as a Service solution that incorporates data from IoT devices using wifi, bluetooth, Ultrawideband and 5G to deliver feature-rich Industry 4.0 solutions. Data is encrypted and securely analyzed to identify presence and movement of people and assets based on their mobile phones, badges and other wearables or tags, enabling Connected Worker and dynamic workflow digital transformation strategies.

The Kiana platform does not require additional software or hardware thereby providing a fast time to deployment and immediate ROI to operations and security teams. Global manufacturers and energy companies use Kiana's patented solutions to enhance their industrial safety, operational efficiency, and crisis recovery planning.
More at www.kiana.io

> **"Implementing Kiana's Industrial IoT solution has completely transformed our manufacturing process. With real-time data collection and analysis, we can identify bottlenecks and inefficiencies faster than ever before, allowing us to make informed decisions that have improved our overall productivity and bottom line. The ability to use our existing infrastructure and remotely monitor our worker's safety and security has also increased our uptime, minimizing downtime and reducing security costs."**
>
> **- VP of Digital Transformation at a multinational energy corporation**

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