CONCEPT NOTE - OHSMS

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0.1	29.Mar.2024	1st draft	Murtaza Zariwala	Mohammad ZA

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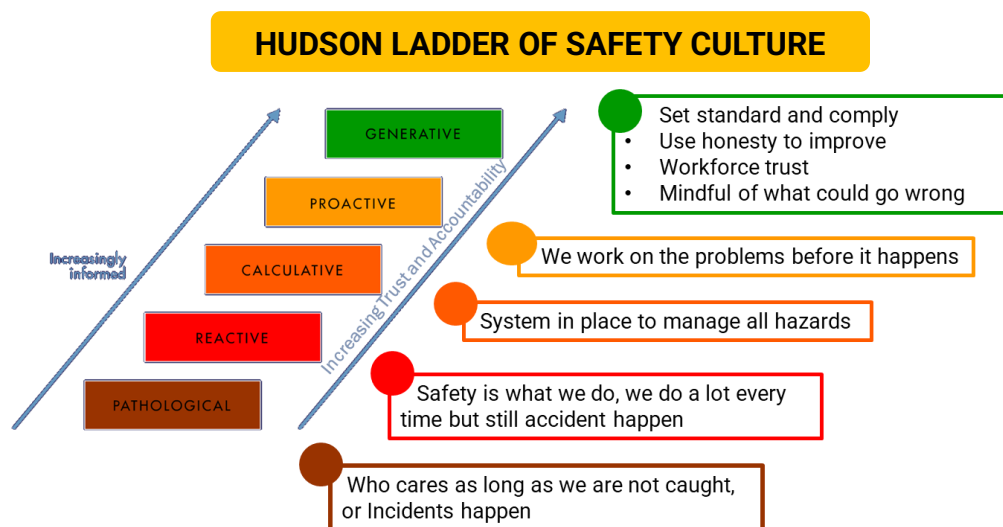
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1. Introduction

In today's fast-paced and increasingly regulated work environments, the need for robust Occupational Health and Safety (OHS) management is paramount. Organizations are required to ensure the health, safety, and well-being of their employees while complying with various safety regulations and standards. To address these needs, advanced Occupational Health & Safety Management System (OHSMS) software is essential. This document outlines the concept for developing such a software solution.
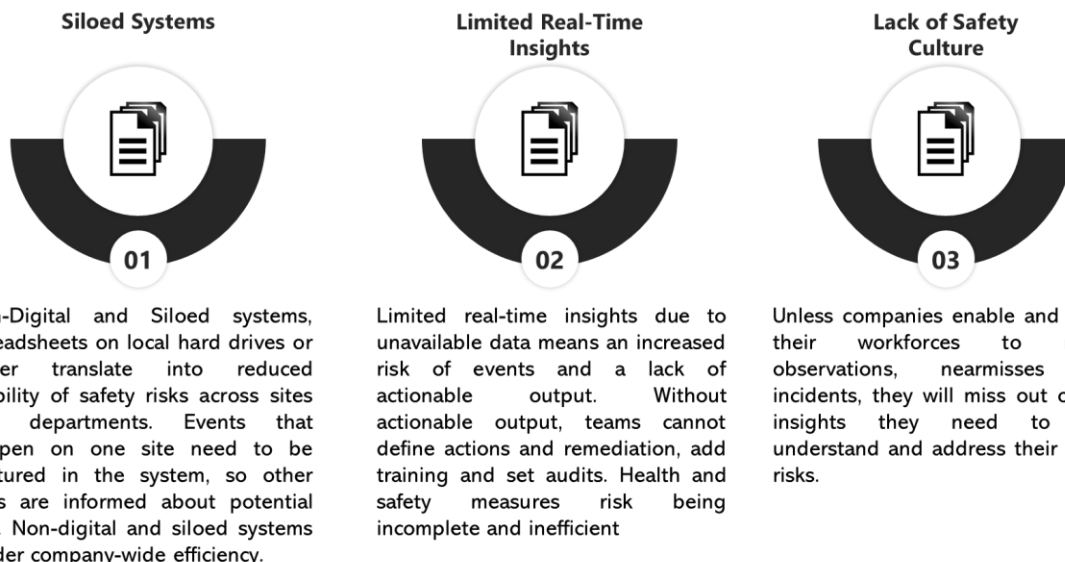
2. Objective

Transform safety culture of an organization.

HUDSON LADDER OF SAFETY CULTURE

- GENERATIVE
- PROACTIVE
- CALCULATIVE
- REACTIVE
- PATHOLOGICAL

Increasingly informed

Increasing Trust and Accountability

Set standard and comply
- Use honesty to improve
- Workforce trust
- Mindful of what could go wrong

We work on the problems before it happens

System in place to manage all hazards

Safety is what we do, we do a lot every time but still accident happen

Who cares as long as we are not caught, or Incidents happen

3. Problem Statement

Challenges Become More Complex and Far-Reaching

Siloed Systems

01

Non-Digital and Siloed systems, spreadsheets on local hard drives or paper translate into reduced visibility of safety risks across sites and departments. Events that happen on one site need to be captured in the system, so other sites are informed about potential risk. Non-digital and siloed systems hinder company-wide efficiency.

Limited Real-Time Insights

02

Limited real-time insights due to unavailable data means an increased risk of events and a lack of actionable output. Without actionable output, teams cannot define actions and remediation, add training and set audits. Health and safety measures risk being incomplete and inefficient

Lack of Safety Culture

03

Unless companies enable and adapt their workforces to report observations, nearmisses and incidents, they will miss out on the insights they need to fully understand and address their safety risks.

4. Arresto Connect+ Shield Platform Dimensions.

Our enterprise-wide, fully integrated health and safety software platform reduces the likelihood of incidents and operational losses by providing actionable insights to EHS leaders and teams. Advanced software provides automated workflows to capture, track, investigate, report and analyze health and safety information. . A variety of modules support your company's health and safety processes and teams:

INCIDENT MANAGEMENT
Ensure employee safety with a software interface that leads users through each step of reporting an incident, near miss, or any observation that could be a potential risk and help risks remain visible and under control.

SAFETY OBSERVATION
With this powerful Arresto platform, you can use immediate and detailed observations in the field to improve safety awareness and promote proven risk-reducing behavior across your organization.

HAZARD REPORTING
Arresto Hazard Reporting module helps to recognizes and aids human observation with automation – Hazard Reporting App.
Hazard Reporting App supports observation by helping to report hazards, at-risk behaviour and unsafe conditions from your smart phone.

ACTION MANAGEMENT
Turn the insights from collected data into Actions & Remediations: Track actions, accountability and report on progress.

HAZARD IDENTIFICATION & RISK ANALYSIS
Unify corporate and operational risk for complete visibility to spot trends and implement corrective and preventive actions.

WORK PERMIT SYSTEM
Arresto Work Permit System is an end-to-end solution that can sync operational, maintenance, scheduled and unscheduled works in organizations. It is an accurate compliance tool – distributed via digital means – to increase operational efficiency, productivity and address maintenance and works' domain.

ASSET INTEGRITY
Arresto Asset Integrity Software helps in tracking and tracing of your assets, inspections, maintenance, & much more, centrally from anywhere and anytime.

SAFETY MEETING
Arresto Safety Meeting Module helps you to Schedule, Manage and Track your Minutes of the Meeting

CONSEQUENCE MANAGEMENT
Arresto Consequence Management helps you to take a risk-based approach to guide people leaders through the processes required when they witness or have reported to them inappropriate behaviour in the workplace.

AUDIT & INSPECTION
Ease the administrative burden of the audit and inspection process by centralizing and automating standard tasks.

EHS SUGGESTION
Arresto offers a module where an individual can contribute to the organizational practices by giving suggestion related to health and safety, thereby contributing into future industrial considerations. EHS Suggestion with suggestion briefs are sent for review to the respective senior Authority and after approvals, taken for consideration along with actionable corrective & preventive actions with its responsible person and completion targets.

PPE MANAGEMENT
- Maintain PPE Inventory of Items received from vendor and its current stock
- Provision to accept/Reject PPE issue Requests.
- Track of PPE's issued.
- Provision to export to excel the stock report.

ROAD SAFETY VIOLATION	TRAINING MANAGEMENT SYSTEM	DOCUMENT MANAGEMENT
Arresto Asset Integrity Software helps in tracking and tracing of your assets, inspections, maintenance, & much more, centrally from anywhere and anytime.	Monitor and manage training needs with automated course scheduling, alerts and reminders.	Control how employees access, acknowledge and sign off on key internal documents and policies.

EMERGENCY PREPAREDNESS	LEGAL STATUTORY COMPLIANCES	CONTRACTOR SAFETY MANAGEMENT
Arresto Emergency Preparedness Software helps you to do the best planning for the emergency, your yearly mock drills, a mechanism to record the emergency detail along with all the action items and an overall platform for all the emergency response and emergency planning for your sites and work locations.	Legal Statutory Compliance module helps you to maintain and manage all your legal & statutory documents digitally. It helps you to be compliant to Industrial regulations	Manage the third-party approval process, and identify and assess third-party risk across vendors, contractors and the supply chain.

5. Benefits

- Enterprise-level OHS management
- Enable easier reporting for EHS personnel
- Streamline data collection and real-time analysis
- Highly Configurable and open for customization
- Drive on-field performance
- In depth Analysis and interactive dashboard for better and faster decisions
- Fulfill your compliance and regulatory needs
- Attain operational efficiency and realize your health and safety needs
- Connect people, technology and best practices

6. Timelines

S No.	Activity	Week															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Project Kick-Off																
2	Requirement Analysis, Requirement Document Preparation and Signoff																
3	Solution Configuration/ Customization																
4	Deployment and UAT																
5	Train The Trainer Program																
6	Go-Live																

7. Conclusion

The implementation of an Occupational Health & Safety Management System represents a commitment to the health, safety, and well-being of our workforce. By implementing this system, we aim to create a safer work environment, reduce risks, and ensure compliance with legal requirements. The next steps involve detailed planning and stakeholder engagement to successfully implement and sustain the OHSMS.