A background image showing two male workers in a factory or industrial setting. They are wearing high-visibility yellow safety vests over dark clothing. The worker on the left is wearing a blue hard hat and holding a pen up in the air. The worker on the right is wearing a yellow hard hat and safety glasses, and is holding a clipboard. The background is slightly blurred, showing industrial structures and bright lighting.

Wipro's Worker Safety Monitoring Solution powered by SAP

Adherence to worker safety policy and real time monitoring, alerting and mitigation

Wipro's Worker Safety Monitoring solution addresses safety needs of several industries by providing end-to-end safety monitoring and management functionality covering safety equipment life cycle management, safety clearance, behavioral monitoring and monitoring of workplace conditions & workers. Spanning a wide range of scenarios like remote working, mine working and hazardous environments, the solution monitors the workers' health and ensures adherence of safety policies relevant to each scenario.


Key takeaways



SAP Intelligent technologies leveraging Internet of Things and Machine Learning blended with responsive UI5 screens and integration with SAP Plant Maintenance



Benefit from accurate geo-technical design and evaluation by using Artificial Intelligence

A large, semi-transparent orange circle graphic located at the bottom left of the page, containing text.

Enabling safety officers to enforce safety policies, ensure safety adherence, monitor alerts and initiate corrective actions.

Solution features

The solution provides the ability to configure:



Safety policy covering safety equipment, skills, certifications, environmental conditions, usage of safety equipment at various stages of operations and for accident detection



Thresholds for various safety monitoring parameters

Leverages IoT sensors to monitor safety parameters and provides analytical insights and guidance for taking corrective and preventive actions



Safety alert triggers and corrective actions framework to resolve alerts

Business benefits

Safety policy maintenance

Maintain alert policy for different jobs and operations

Safety policy check adherence

Verify safety policy adherence for skills, training, certifications and safety equipment tagging on a single screen with the ability to initiate corrective actions

Worker and alerts insights

Access worker details supported by analytics to monitor key safety KPIs

Safety monitoring

Real time insights on workplace environment to detect hazards, safety equipment usage, behavioral safety, accidents, and geo-fencing breach that help initiate corrective actions and messaging

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comprehensive portfolio of services, strong commitment to sustainability and good corporate citizenship, we have over 175,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

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