

Remote Workforce: Worker Safety solution

A COVID-19 Imperative





About The Solution

IoT WoRKS™ has developed a cloud-based Worker Safety solution that enables organizations to increase worker productivity and create a near zero-hazard work environment. This solution creates a safer workplace for additional health, safety, and productivity use-cases. It enables safety of occupational workers in oil and gas, utilities, and other industries.

Developed around sensor-based wearable devices, it permits hands-free operation for workers and provides greater visibility to the HSE administrator.

The solution monitors real-time movement of workers to provide early assistance in case of injury or emergency. In view of the recent COVID-19 crisis, this solution enables a real-time view of the location of the workers and thus enabling energy and utilities businesses to ensure social distancing in the workplace.

Features:



Multi-sensor wearable device, eliminates the need for multiple devices and sensors



SoS feature to seek assistance Real-time location tracking



Geo-fencing to limit the exposure to hazardous environment



Two-way communication between worker and safety administrator



Scale and security support



Management and maintenance of devices, applications, and Cloud instances



Benefits:



Reduced accident rate and improved response time



Reduced reconciliation time before/ after blast by 80%



Reduction in medical expenditure and insurance premium



Hands-free operations enabled to minimize physical contact



Cost reduction and improved employee morale

