SmartWorks

SmarTone Mobile Communications Ltd.

SmarTone Solutions developed SmartWorks, an integrated platform to enhance construction workers' health, safety and operational efficiency.
SmartWorks is an end-to-end solution adopting latest technologies with 5 key applications to promote and manage worksite safety.

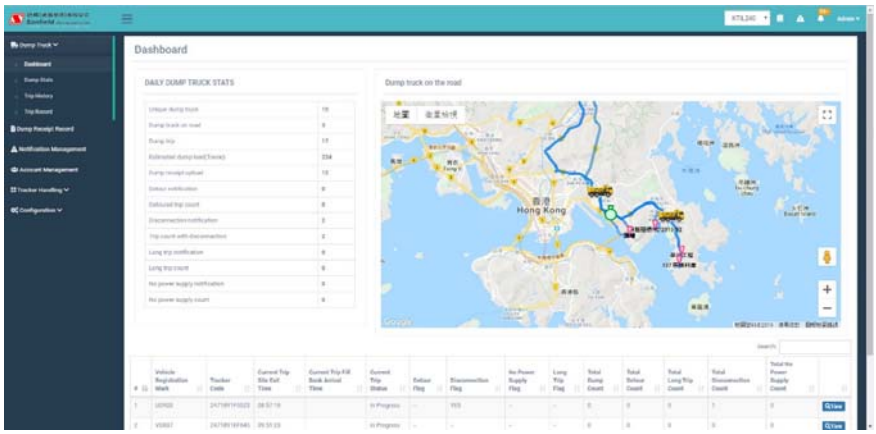
Smart Helmet monitors worker's real-time vital signs, including body temperature and heart rate, which can be used for heat stress prediction. Features also include sudden falling alert and SOS button.

SmartHealth Station provides regular check on worker's health condition such as body temperature, heart rate, blood pressure and weight.

Environment Station ensure a safe working condition by measuring temperature, humidity, PM2.5/10, noise level, wind speed and direction with smart IoT sensors. The ambient temperature and relative humidity are also used by AI-engine to predict the risk of heatstroke under unfavorable conditions.

Danger Radar ensures workers' safety triggering alarm when someone is approaching a moving machine likes crane.

Dump Truck Management monitors the dump trip with detour alert. The digitalized dumping process can ensure conformity and efficiency.



SmarTone Solutions is eager to facilitate construction companies to boost efficiency and productivity, while putting worker safety and health status at the top priority.