



Smart Construction

Worker Safety

A serious workplace injury can affect, you, coworkers, families, friends, and even communities too. LTIMindtree's Worker Safety Solution is focused on ensuring the safety of workers at their place of work through the Internet of Things (IoT). This provides additional benefits from improved planning, decision-making and helps avoid uncertainties with real-time tracking.



Challenges

- Accidents, incidents, and breaches at the workplace resulting in injuries affect workforce morale and impact your brand.
- Inability to view real-time location of workers and their availability.
- Inability to monitor and manage plant operations.
- Inadequacy of data to take proactive measure to avoid incidents.



Solutions

- Real-time location tracking of people and assets based on RFID technology.
- Implementation of rules restricting unauthorized access at site.
- Tracking movements of resources in hazardous environment i.e. excavation areas, edge of a high-rise area in a building under construction, through intelligent devices (tags, cameras, and others).
- Collision detection algorithms for predicting potentially dangerous situations based on zone classifications and movement information.
- Real-time acoustic alerts, alarms, and notifications
- Leveraging headgears, smart wearables, AR/VR, and video surveillance to augment the solution.

Benefits



LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 84,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree – a Larsen & Toubro Group company – combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit <https://www.ltimindtree.com/>