SAFEPASS™

Tata Communications
CONNECTED WORKER SOLUTION
SafePass™ 3.0

Enhance employee well being, minimise workplace risks and boost productivity.

SafePass™ 3.0 from Tata Communications is a connected worker solution backed by state-of-the-art Internet of things technology that provide visibility, alerts, and insights to boost workforce productivity and safety. SafePass™ 3.0 assures peace-of-mind to enterprises that care for their employees.

ENHANCED EMPLOYEE SAFETY

Advanced warnings at employees' end through audio alerts, haptic alerts and multi-function edge lighting in SafePass™ capture their attention to potential hazards. Its ability to generate alerts in proximity to hazardous areas helps maintain a safer employee environment.

QUICKER EMERGENCY RESPONSE

Enables prompt response to any incident by providing employee location and allowing employee-generated SoS alerts, enhancing safety and security.

IMPROVED EMPLOYEE PRODUCTIVITY

Monitor movement of employees to enable smart workforce management and distribution, which positively impacts productivity.

COMPREHENSIVE MONITORING

Comprehensive dashboards: A centralised digital interface that provides visibility into employee activities, safety, and operational efficiency enabling faster and more informed decisions.

SafePass™ 3.0 device specifications

Location technology
BLE based tracking

Power source
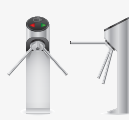3.7V Lithium Polymer, Rechargeable battery via Type-C cable

Communication technology
LoRaWAN and BLE

Battery life
2 weeks (standard usage with 10 hours working per day)

Alerts
Provision of pop-up notifications, sound alert, SMS and Email alerts, along with the alert at employee's end

Additional feature
Integrated RFID module for gate access control

User Interface
- Multi-function edge lighting
- SoS button
- Battery check button
- Buzzer
  Haptic indication

Connected worker solution overview

Location information
Captures location information. Enables in/out time, performance/behaviour analytics etc.

Emergency signaling
Employees can send an SoS signal to alert appropriate executives in case of an emergency

Headcount
Detects number of employees in each work area

Device alarms
Capability to alert the employees through LED indication, haptic sensing and buzzer in various scenarios

Geofencing
Demarcate work areas into zones, generating alerts if employees enter unauthorised or hazardous zones

Immobility detection
Ability to detect and alert upon sensing employee immobility

Access control
RFID based access control

On-demand alert
Alert the user when required during any emergency

The **Connected Worker Application** provided by Tata Communications, boasts in-house capabilities for a comprehensive solution, offering a rich set of features to meet diverse requirements. Below key functions can be executed through the application:

Dashboards, provide graphical, map view and tabular representation of data with an overview of important information. This serves to enhance decision making, productivity and situational awareness through various KPIs and alerts.

Tracking, allows to record the live location of employee, movement across the areas, entry/exit in hazardous/restricted areas.

Reports, allows users for tracking and documenting important information, compliance with regulations, and making data-driven decisions.

Analytics, provides detailed insights on safety and productivity metrics.

Configuration, allows to efficiently tailor user profiles, device integrations, and organisational hierarchies, allowing for a highly customised and optimised system to meet specific operational needs.

TATA COMMUNICATIONS

Tata Communications leads the digital revolution by empowering enterprises globally to seize growth opportunities. With borderless connectivity and innovative solutions, we drive digital transformation for Fortune 500 companies. Our robust infrastructure powers unparalleled intelligence in cloud, IoT, and network services, connecting businesses to 80% of top cloud providers and four out of five mobile subscribers. Through strategic partnerships like Formula 1®, we deliver world-class experiences, showcasing our commitment to innovation and empowering global connectivity.

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