Worker Safety & Productivity Go Hand-in-Hand

If you could save money, improve productivity, and increase safety at the same time, would you?

Companies that use technology to enable their health and safety procedures not only create a safer workplace for their employees, but also improve their financial health at the same time. Companies that implement safety and health programs can expect reductions of 20% or greater in their injury and illness rates and a return of $4 to $6 for every $1 invested. When it comes down to it, safety pays.

The Workplace Safety and Health Act spells out the obligations you have to employees working alone or in isolation. Employers must establish an effective communication system that consists of radio communications, phone communication, or other means that provide effective communication given the risks involved. These communication tools must support a system of regular contact by the employer with the worker.

Employers in Manitoba know the importance of complying with health and safety regulations. They recognize the need to manage risks their employees encounter is both a legal and moral obligation. Making employee safety a priority requires technology solutions that make formal policies and procedures efficient and operational in daily operations. These solutions need to permit employees to be productive while monitoring key safety issues including; working alone or in isolation, injury and emergency response, and situational awareness.

Alcom Electronic Communications, Manitoba's largest Motorola two-way radio dealer and service center, has partnered with Teldio™ to help Manitoba employers deploy integrated communication and worker safety solutions. Teldio™ is a two-way radio applications developer delivering solutions that improve employee safety and operational efficiency.

WORKING ALONE OR IN ISOLATION

Working alone is defined to include workers who may be in contact with workers from a different employer or the general public. Lone worker solutions automatically send messages at specific time intervals to confirm workers are safe. If a worker fails to respond to an 'alive check', an alarm is automatically activated to notify emergency response personnel. Response personnel receive the alarm on their MOTOTRBO™ radio or smart phone, ensuring rapid response.

INJURY RESPONSE

Trips, slips and falls can happen anywhere, and the workplace is no exception. From slipping in the hallway and sliding in icy parking lots to tumbling off a stepladder, falls are not limited to construction sites or manual work. Employers need to take every reasonable precaution to protect workers.

Man-down notification systems, proactively monitor workers using a MOTOTRBO™ radio to identify if they have had a fall or accident. Assistance is dispatched by a notification to the appropriate response group or individual when the radio's motion sensor detects a lack of movement, a horizontal tilt or both.

EMERGENCY RESPONSE

Panic buttons provide a quick way to summon help in a dangerous situation. When an injury occurs or an emergency arises, an employee can activate the alarm and the response team is automatically notified. The software ensures that alarms are sent to the appropriate person based on their location, work schedules and competency. Panic buttons can be added to Android devices, worn as a wrist watch, installed in virtually any location, and are built into MOTOTRBO™ radios.

SITUATIONAL AWARENESS

Indoor and outdoor positioning systems utilize Bluetooth and GPS technology to track the location of assets and employees in facilities and across the city. Bluetooth beacons are placed strategically in facilities and GPS enabled MOTOTRBO™ radios allow for locating fleet vehicles and mobile employees. Staff can be safeguarded no matter where they are located. If a worker is in distress, they can use a panic button to alert response teams and advise them of their last known location.

These are some of the ways communication systems can be used to increase workplace safety and productivity.

With Alcom's communication expertise and Teldio's software solutions, Manitoba employers can implement these systems to save money, improve productivity, and increase safety all at the same time.

FREQUENTLY MONITOR LONE WORKERS
CLW pings mobile workera on their Mototrbo radios to verify their wellbeing by sending them frequent 'Alive checks'.

QUICKLY LOCATE EMPLOYEES
Administrators & Dispatchers can quickly locate an employee on one single interface whether they're indoors or outdoors.

VIEW DATA ON TABLETS & MOBILE PHONES
From any web browser, supervisors can locate vehicles, know when leave defined geofenced areas & organized vehicles into groups for better display

KEEP WORKERS SAFE
Panic buttons provide a quick and convenient way to summon help in a dangerous situation.

PROACTIVELY MONITOR LONE WORKERS
MDN triggers and emergency alarm if a lone worker remains motionless, tilted or both for an extended period of time.

Despite being in a public place, this groundskeeper is working alone. You need effective communications and safety protocols to meet your obligations to employees working alone.

Integrated Safety & Communication Solutions

√ Centralized Lone Worker Monitoring
√ Man-Down Notifications
√ Stationary and Mobile Panic Alarms
√ Indoor & Outdoor Position Tracking
√ Automated Emergency Notifications
√ Two-way Radio and Smart Phone Integration

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