![LIFEBOOSTER]

Solving the Assessment Data Capture Problem

The Case for LifeBooster's Advanced Technology

The Current Challenge with Data Capture

In today's digital world, data is power. However, when it comes to capturing data for ergonomic risk assessments, we're often stuck in the analog age.

Traditional manual methods are fraught with challenges - they are time-consuming, limited in scope, and can lead to inaccurate data due to observational bias and the Hawthorne Effect.

Manual assessments typically achieve **only 70% accuracy and require a one-to-one approach.**

Resulting data is often based on a small sample size, offering an incomplete picture when calculating risk severity scores and key performance indicators (KPIs).

The limited data coverage often leaves organizations **reacting to injuries after they occur, rather than proactively identifying and mitigating risks.**

The Hawthorne Effect is a phenomenon where people modify their behavior in response to their awareness of being observed, which can significantly skew data results.

The Limitations of Existing Tech Solutions

There are technology solutions on the market that address ergonomic risks, and solve some of the challenges above, albeit to a limited extent.

Single-point sensors are stand-alone wearables that measure movement around a singular joint.

They offer a degree of efficiency and automation over manual assessments, but fall short in providing a detailed view of a worker's movements and interactions.

They simply don't provide the extensive data needed to assess the full range of ergonomic risks. **A comprehensive approach across multiple body parts is critical to creating a complete risk profile.**

Computer vision solutions have emerged as another method of gathering data. Through analyzing video footage, they can identify and record certain risky movements or behaviors.

However, video files are often restricted to approximately four minutes, face privacy issues, and require optimal angles for accurate analysis.

Moreover, humans are needed to record and interpret the video, **exacerbating the time-consuming issue of manual methods.**

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LifeBooster's Unique Approach

LifeBooster has tackled the data capture problem uniquely and innovatively. Our multi-point sensors focus on **upper body movements,** where most musculoskeletal disorders (MSDs) occur.

Workers can wear our sensors for up to twelve hours, capturing granular data without human intervention or the need for someone to follow them around. This comprehensive data capture provides a **detailed, actionable view of ergonomic and heat stress risks across your entire workforce.**

Why LifeBooster's Method Works

Comprehensive Data

The strength and value of any analytics solution is heavily predicated on the quality and quantity of the data it has to work with. With the ability to capture granular data at scale, LifeBooster delivers a rich, accurate data set that empowers organizations to be **proactive in identifying and mitigating ergonomic risks.**

Our technology overcomes the limitations of manual methods, single-point sensors, and computer vision solutions, **providing a more complete and accurate view of ergonomic risk.**

Easy Deployments

Deploying LifeBooster's solution is **easy and requires minimal support.** Using our wearable sensors is as simple as putting on a watch at the start of a shift and taking it off at the end.

This ease of use encourages worker compliance, ensuring you capture all the data you need to **keep your workforce safe and healthy.**

A Comprehensive Risk Analytics Platform:

Empowering Every Level of Your Organization

At LifeBooster, we firmly believe that the **key to transformative digital innovation in EHS lies in the unification of robust data capture and powerful analytics.**

Our comprehensive solution is designed to provide the insights you need, when you need them, to make the most informed decisions about worker safety.
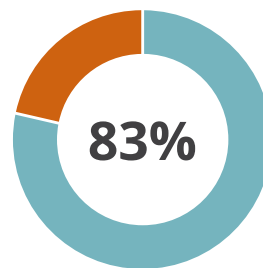
LifeBooster's risk analytics platform Senz™ is also designed to **cater to multiple users across your organization.**

From management making key decisions on priorities and investment, to safety professionals acting to protect workers from injuries, and assessors tasked with capturing, recording and interpreting data.
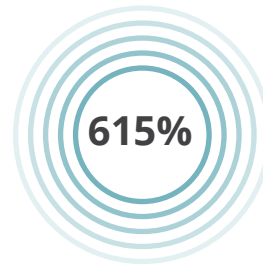
Through the use of LifeBooster's risk analytics platform, your organization can **shift from a reactive to proactive risk management approach**, significantly reducing the risk of musculoskeletal disorders and heat stress injuries.

83%   **Time** Savings

615%   **Increase in Operational Efficiency**

78%   **Risk** Reduction

The platform's power lies in its ability to **analyze garnular data captured across the entire organization**. With LifeBooster, a vast amount of data is efficiently processed to provide accurate risk severity scores and valuable insights.
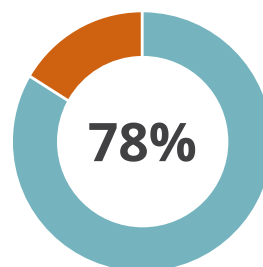
As a result, you'll gain an understanding of your organization's risk landscape, allowing you to manage by exception and **focus your valuable time and efforts on high-risk areas.**

LifeBooster and EHS

In a world where we leverage technology to speed up virtually every aspect of our personal and professional lives, it's time we bring the same approach to data capture for ergonomic assessments.

We're providing EHS departments with the tools they need to make informed, data-driven decisions that **actively improve workplace safety and wellbeing.** You will have the ability to both pinpoint risk down to the minute and aggregate risk across an entire day, job, or function.

LifeBooster's innovative, comprehensive, and user-friendly solution enables you to do all that and more, empowering you to take control of your workplace's ergonomic health and safety.

Learn more at our Operational Efficiency Hub, where we take a look at digital transformation of the EHS department.