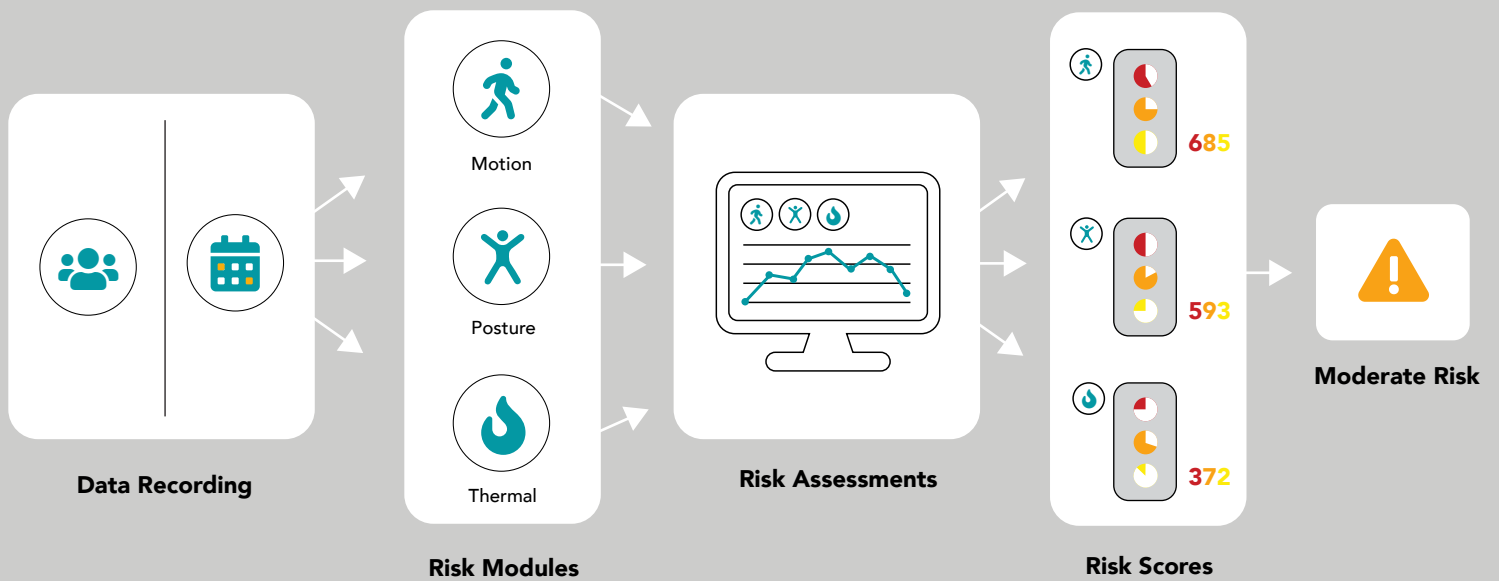


**ABSTRACT**

# A Guide to LifeBooster Senz™ Ergonomic Risk Scoring

The LifeBooster Senz analytics platform applies a building block approach to assessing ergonomic risk exposure. It utilizes data recordings, risk modules, risk assessments and risk events to produce a risk score.



Worksite injuries cost businesses billions of dollars each year. Manual ergonomic assessments help to prevent these costly injuries but are time-consuming, expensive, and challenging to adapt to a dynamic workforce. The LifeBooster Senz™ platform provides a flexible and scalable solution to enable responsive ergonomic processes. Senz sensors are multi-functional and capable of producing several risk assessments simultaneously, including upper body motion, posture, body experienced thermal conditions (heat stress) and hand-arm vibration.

Sensor data are processed by risk modules, which are cloud-based applications that evaluate specific types of risk exposure based on well-established ergonomic standards. The resulting risk assessment identifies risk events and provides supporting insights to understand individual exposure. Risk events are moments in time in which the presence of one or more factors significantly increases risk exposure and are color-coded for rapid interpretation. Risk events are further summarized into the Senz Risk Score. The 3-part Risk Score enables industrial health and safety personnel to efficiently prioritize, implement, and monitor risk mitigation strategies by providing actionable information about the type, magnitude, and trends of risk exposure across the workforce.