

PRODUCT SUMMARY



**INDUSTRIAL
WEARABLE
SAFETY
TECHNOLOGY**



ABOUT MĀKUSAFE



Founded in 2016, the MākuSafe solution is currently being used in approximately across the U.S. and in many regions around the world, by organizations ranging from multinational clients, to Fortune 100 companies, to small businesses employing a hundred workers.

MākuSafe's award-winning wearable safety technology monitors EHS leading indicators of hazards including: slips/trips/falls, MSD's, strain/exertion concerns, sound exposure, air quality, and more. Real-time notifications, a robust analytics intelligence platform, and voice reported near-misses, enable proactive safety management, risk mitigation, and loss control before incidents result.

SAFETY ROI

Latest client usage is resulting in dramatic impact:

- Some client organizations have enjoyed their first year ever with no material handling injuries and others have reduced strain and exertion incidents by 74%.
- Several client organizations have pinpointed worker groups exposed to high heat index or poor air quality, and justified major capital expenses on mitigation systems based on data evidence.
- Client organizations have experienced many instances of losses avoided that far outweigh the cost of MākuSafe.
- Insurer pilots with policyholders found claims frequency reduced by 50% and claims severity reduced by 90%.
- Outcomes have shown long term, potential ability to lower work comp premiums or benefit the self-insured.
- Early pilot ROI calculations easily exceeded 1000%.

MĀKUSAFE MONITORS POTENTIALLY HAZARDOUS EXPERIENCES AND EXPOSURES



- ✓ Each base station kiosk houses 20 wearable devices
- ✓ Each device can be used by two workers per day on different shifts
- ✓ Needed accessories are included



- ✓ MākuSmart cloud safety analytics dashboard access
- ✓ Includes seat licenses for as many Leaders as needed
- ✓ Real-time risk & hazard intelligence with custom reporting



- ✓ All onboarding & setup provided
- ✓ Typical installation included
- ✓ Ongoing support with our team of Certified Safety Specialists

MākuSafe provides real-time individualized monitoring and notifications on:



Ergonomics Concerns:

- Strain and forceful exertion identification
- Overall physicality/ musculoskeletal disease (MSD) potential
- Slips, trips, falls identification
- Repetitive movement identification
- Push-pull identification

Industrial Hygiene Concerns:

- Heat illness & injury prevention - temperature, humidity and heat index for each individual (indoors or outdoors)
- Hearing conservation programs - Seven sound octave readings and dBA sound dosage (TWA)
- Ambient light levels which may impact fatigue
- Air quality - TVOC & CO2 (harmful gasses and fumes)
- Air pressure

Spatial Awareness:

- Indicator location identification, by area, room, or workstation overlaid on facility map
- See trends and patterns by area, conditions in real-time
- Worker to worker proximity for social distancing (within 6 ft. for excess of 15 minutes over 48 hours)
- On demand contact tracing enables employer notification (COVID-19 Infection Prevention Requirements - AB 685)
- Worker presence/wearable proximity detection capabilities via optional Worker Detection Devices (WDD is a custom add-on capability)
- Ranging and access control potential with integration
- Utilization/integration with card readers and other connected hardware

Push-To-Talk Voice Communication:

- Send voice memos by intentionally holding down a button while speaking into the device
- Near-miss reporting and good catches
- Observations & inspections
- Playable audio file delivered to dashboard users, along with opt-in notification
- Voice-to-text transcription

Remote Workers:

- Ability to pair wearables with mobile devices for remote & field workers
- Provides insight into experiences and exposures outside the facility
- Provides GPS enriched real-time data
- Android & iOS apps

MākuSmart - Cloud Safety Intelligence & Analytics Platform:

- Immediately actionable data insights on risks & hazards
- At-a-glance understanding of the latest indicators, where they are occurring, and who is experiencing them
- Ability to study data sets by location and work group for the past, present and future, using MākuSmart's Location Explorer, SiteMap, robust pre-configured reports, and Trends Engine features
- Access on any device
- Open architecture allows exchange of information with other platforms/systems, over 100 APIs and web hooks currently available

Easy & Economical:

- Simple pricing model with no hidden fees
- Seat holder licenses / software access included
- As low as \$13 per worker monthly
- Customary installation included (may be exclusive of travel)
- Begin use within hours of installation
- Ongoing support with dedicated Client Success Manager (COSS Certified)
- Warranty covers normal industrial use

Data Privacy & Security Concerns Met:

- Platform built on major cloud provider ecosystem
- Secure and encrypted data transfer
- GDPR compliant





Positive Human Capital Impact:

- Positive and productive impact on organizational culture & safety mindset by breaking down communication barriers and creating opportunities to demonstrate responsiveness to potential hazards, front line concerns, and positively reinforce constructive reporting behavior
- Closely aligned with human & organizational performance (HOP) principles
- Enables re-engineering of processes, based on data evidence, to create the capacity to fail safely
- Builds resilience & contributes to worker well being
- Creates opportunities for conversations / interventions that have inherent psychological safety
- Adds to environment, sustainability & governance (ESG) scorecard
- Contributes to diversity, equity & inclusion (DE&I) initiatives
- Aids worker retention and attraction efforts
- Offers capabilities that can aid workplace violence prevention (WPV) efforts

High Degree Of Concern For Worker Privacy:

- No personal information or PII, nothing HIPAA covered
- No biometric data about the individual
- No haptic or other feedback delivered to the worker
- No assumptions that worker behavior should be targeted, or that they should change to address potential risks
- No creating distraction/annoyance/increased risk
- Not monitoring the individual, rather looking outward for experiences and exposures
- Not continually tracking workers, rather indicators of what's happening are tracked

The Connected Worker & Industry 4.0:

- Opportunities for enhanced productivity and efficiency
- Integration with other connected systems and IIoT equipment
- Exchange data between platforms
- Access control
- Contributes to business intelligence efforts (BI)
- Data contributes to TPM & OEE optimization

According to a report by SNS Insider, the Connected Worker Market was valued at USD 4.87 billion in 2022. It is projected to reach USD 29.61 billion by 2030, with a compound annual growth rate (CAGR) of 25.3% during the forecast period of 2023-2030.

Compliance In Alignment With and Contributes To:

- OSHA regulations & standards
- ANSI Z10 certification
- ISO 45001 certification
- VPP Star certification and more

Other considerations:

- Long battery life
- On board memory stores data when connectivity may be limited
- Device can be worn by workers on multiple shifts reducing need to buy hardware for each individual
- TUV and FCC certified
- Ruggedized, intended for normal industrial use
- Water resistant
- SiteLink mesh networking coming soon

MĀKUSAFE - Connected Smart PPE For The Future Of Work

Schedule a demo to learn more about how MākuSafe is making a difference for safety professionals and workers in many industries.

Schedule a demo conversation: makusafe.com/scheduledemo

ROI Calculator and Pricing: makusafe.com/pricing

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