PRODUCT SUMMARY

MĀKUSAFE

WEARABLE CONNECTED WORKER & SAFETY TECHNOLOGY

ABOUT MĀKUSAFE®

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

MākuSafe's® award-winning wearable technology monitors leading indicators of EHS hazards including; heat exposure, noise, strain/exertion concerns, MSD risk, slips/trips/falls, air quality, and more. Real-time notifications, a robust analytics intelligence platform, and push-to-talk voice communication, enable proactive safety management, risk mitigation, and loss control before incidents result.
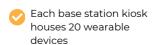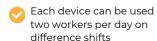
SAFETY ROI
Latest client usage is resulting in dramatic impact:

- 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.
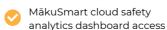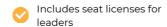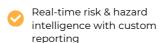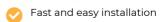- Early pilot ROI clculations easily exceeded 1000%

The MākuSafe® Ally™ gathers & transmits data in real-time to the MākuSmart® Cloud

Ergonomics
Slips, Trips and Falls
Repetitive Motions
Worker Physicality
Forceful Exertion

MyVoice ™
Audio Messaging
Voice-to-text
Push-to-talk

Battery
22 Hour Battery
Multiple Shifts

Spatial Awareness
Location Identification
Worker-to-worker Proximity
Contact Tracing
Interact™ Integration"

Environment
Ambient Light
Air Quality (TVOC & CO2)
Noise / Sound Dosage
Air Pressure
Humidity
Temperature

TOP

- Each base station kiosk houses 20 wearable devices
- Each device can be used two workers per day on difference shifts

- MākuSmart cloud safety analytics dashboard access
- Includes seat licenses for leaders
- Real-time risk & hazard intelligence with custom reporting

- Fast and easy installation
- 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 rating, musculosketeal disorder (MSD) prevention
- Slips, trips, falls identification
- Repetitive movement identification
- Forceful movement identification

Industrial Hygiene Concerns:
- Heat illness & injury prevention - temperature, humidity, and heat index for each individual (indoors or outdoors)
- Hearing conservation programs - octave readings and DBA sound dosage (TWA)
- Ambient light levels which may impact fatigue
- Air quality - TVOC & CO_2 (harmful gasses and fumes)
- Air pressure

Spatial Awareness & Interact™
- Indicator location identification, by area, room, or workstation overlaid on facility floorpan
- 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 MākuSafe® Interact™ (Interact devices and integration are a custom add-on capability)
- Ranging and access control potential with integration
- Utilization/integration with card readers and other connected hardware

MyVoice™ Push-To-Talk Voice Communication:
- Send messages intentionally holding down a button while speaking into the device
- Near-miss reporting and good catches
- Observations & inspections
- Playable audio messages delivered to dashboard users, with opt-in notification
- Voice-to-text transcription
- Elevates the worker perspective, increases engagement & participation

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/sysetems, over 100 APIs and web hooks currently available
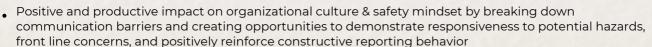
Easy & Economical
- Simple pricing model
- Seat holder licenses/software access included
- Annual licensing based on low per worker onthly charge
- Installation support
- Begin use and collecting data within hours
- Ongoing support with your dedicated Client Success Manager (Certified Safety Specialists)
- 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 alignedwith 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) intiatives
- 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

MākuSafe Interact™ - 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

** MākuSafe Interact ™

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 and sealed, intended for normal industrial use
- Water resistant
- SiteLink™ mesh networking available
- Integrations with equipment, systems, and software

MĀKUSAFE ® - Connected Smart PPE For The Future Of Work

Learn more about how MākuSafe® is making a difference for safety professionals and workers in many industries.

Schedule a demo conversation: makusafe.com/scheduledemo

🌐 www.makusafe.com

✉ contact@makusafe.com

☎ (515) 850-0995