

KAHA TECH CONCLAVE

An enchanting space which showed the company's backend technologies and frontend user products, a Singapore-based end-to-end smart wearable IoT platform company 'KaHa', held its first Tech exhibition in India.

The space provides us with a first-hand experience of KaHa's smart wearable platform architecture, its operating system with inbuilt Artificial Intelligence (AI) / Machine Learning solutions, and its consumer service verticals, demonstrating how KaHa's technology works to provide disruptive opportunities and futuristic experiences.

COVE SMART WEARABLE PLATFORM ARCHITECTURE:

KaHa with its patented smart wearable platform architecture that licenses its technology under the COVE brand - 'Powered by COVE' and COVENET is a unique social network platform used to measure its services and user interaction.

This is a platform of smart wearables including Safety, Sports & Fitness, Health & Wellness, Convenience, Lifestyle and Special Needs.



COVE OPERATING SYSTEM:

KaHa first unveiled its Smart Wearable Operating System (OS) at CES 2018 in Las Vegas. The OS harnesses the capability of inbuilt AI and Machine Learning algorithms to provide innovative consumer use case and exciting user experiences.

PROVEN PERFORMANCE - FASTER TIME TO MARKET:

The Tech walk through also showcases the company's technical assets, including its firmware assets and sensor hub alongside a series of processors designated C0 to C3 that aims to incorporate and support full suites of sensory and connectivity functions. It has been built around mature processing hardware, just to ensure supply availability, stability in performance and a quick access to market.

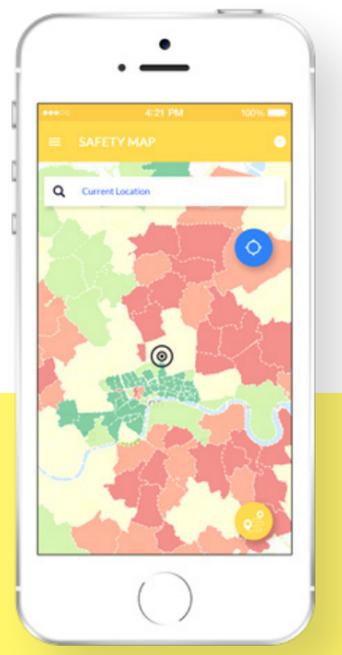


FEATURED VERTICALS, PRODUCTS AND SOLUTIONS:

Safety

KaHa's Safety-oriented features and solutions are comprehensive and well-researched, spanning a range of uses that taps on geolocation and social, including:

- SOS Alerts – with a press of a pre-set button on wearables, users can send a SOS alert to their predefined networks of close friends and family (referred to as their "Guardians")

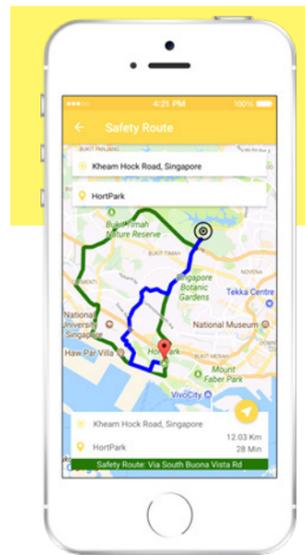


- Safety Network – users can form a trusted Safety Network of friends, family and other social contacts. By also adding in the Guardians' contacts, users enjoy a wide network of safety contacts, increasing the possibility of nearby help at any time. KaHa's safety interface allows Guardians to easily spot and alert their own contacts nearest to the user for help during emergencies
- Safety Heat Map – KaHa's AI continuously analyzes more than 10 different parameters, and uses a novel algorithm to produce a visualization of a 'Live' safety heat map
- Safe Route Suggestion – after users enter their location and destination, the app utilizes the Safety Heat Map to calculate and provide real-time suggestions on safest route and also which ones to avoid (e.g. roads to avoid which are determined as unsafe at that moment)
- Geo Fencing – when users go outside a predefined geographical area, alerts are automatically sent to their Guardians (e.g. for child or elderly care)

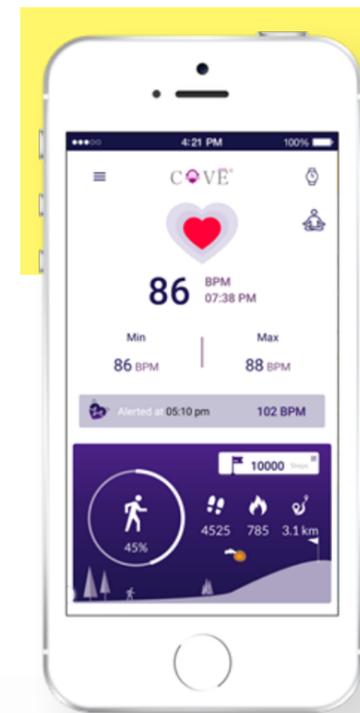
Sports & Fitness

KaHa's Sports & Fitness feature offers new and fun ways to take fitness and social life to the next level:

- Virtual Run – with the use of a Virtual Reality (VR) headset or large-screen TV or a smartphone, KaHa creates a realistic immersive running experience including syncing the footage speed along with filmed footages of run trails that can be uploaded and shared as well.



- Virtual Route – users can run virtually with their buddies on any trail in the world, set running targets together, socially share their progress, and encourage each other on achieving their targets.



Health & Wellness

KaHa's Health & Wellness features are designed to improve and encourage a healthy lifestyle.

- Heart Rate Monitoring – by simply entering age and weight, KaHa's technology can provide users with customized health & wellness guides.
- Stress Management – through AI and deep pattern matching algorithm, the user's metabolism are paired with this wearable stress alert features, helping to be more aware of their wellness such as detecting stress and guiding the user through breathing exercise to regain their composure
- Auto Exercise Zones – personalized automated trainer, which calculates users' exercise zones and provides feedback during fitness regimes.
- Sleep Better – AI and deep learning algorithms analyse user group data, to detect sleep quality, to provide insights and suggestions on improving the user's sleep quality.

Convenient and Delightful Living

KaHa's consumer-centric features are smartly built for everyday living, helping to redefine the consumer journey.

- Digital Payment – This enables the user to place their smart card/chip near a contact point to enable payment. In one of the KaHa's smart payment solutions, the user confirms payment after receiving the payment request by providing their phone number or by pulling up a barcode for the cashier to scan.
- Smart Home Automation – Combined with proximity algorithms, KaHa redefines the consumer home experience by personalizing and automating various living conditions such as air-conditioning, lighting, favourite TV and radio channels. The same technology helps conserve power and energy when the homeowner is not present by also enhancing the security system.

ABOUT KAHA:

KaHa's leadership team is passionate about the consumer journey, and the platforms have been developed to achieve rapid innovation and learning through data analytics to provide innovative use cases and exciting user experiences. The platforms include electronics design, printed circuit board assembly, application framework for iOS and Android, cloud services, data analytics and smart after-sales service tool. This makes the COVE and COVENET, platforms a one-stop solution for large brands to bring exciting smart wearables to their customers.

The company focuses on verticals such as Safety, Sports & Fitness, Health & Wellness, Convenience, Lifestyle, and Special Needs. The company also has intellectual properties in Smart Analogue watches, making it one of the most unique offerings in the fast-growing wearables market.