



Dashboard used by staff for Universal Contact Tracing



Wearable contact tracing

Geo-fencing, social distancing and infection control helped prevent and control outbreaks among foreign guest workers in Singapore

Lives and economic activity protected with deployment of Universal Contact Tracing in Singapore government workers' dorms

In partnership with the global consultancy PwC, Microshare supplied Universal Contact Tracing wearables to municipal authorities in Singapore, a country heavily dependent on foreign guest workers. The wearables protected workers by logging "contact events" and enforcing social distancing protocols that required them to limit indoor mobility to avoid the risk of spreading infection throughout crowded dormitories.





The challenge

Foreign guest workers, often housed in government-owned high rises, comprise over 36 percent of Singapore’s labor force. Municipal authorities in the island nation who run these dorm-style housing units needed a way to enforce social distancing rules and track possible contact events to mitigate the risk of COVID-19 outbreaks.



The solution

Microshare’s Universal Contact Tracing wearables were deployed and quickly provided contact tracing capabilities to worried municipal authorities. This contained outbreaks and prevented deaths. Despite very dense housing conditions, Singapore’s deaths per 100,000 remains below low at 0.55, compared with 142 per 100K (UK) and 125 per 100K (US).



Minimal disruption

Up and running within hours of delivery, Microshare’s contact tracing wearables protected lives and kept this crucial part of Singapore’s economy healthy, earning and on the job. While some dorms had to be quarantined to control local outbreaks, the wearables helped limit spread within the tight confines of such “red zone” dorms.

Protecting workers, jobs and society

“People said it couldn’t be done. Able to provide location tracking and/or contact tracing and/or social distancing data and insights? YES! Clinically validated? YES. And successfully piloted and validated in a Singapore foreign worker dormitory.”

Dr. Zubin Daruwalla
PwC Health Industries Leader



Get Universal Contact Tracing now

Contact sales@microshare.io

Visit us online at <https://www.microshare.io/universal-contract-tracing-solution/>

About Microshare

Microshare® provides Smart Facilities data solutions at scale that bring safety, wellness, cost savings and sustainability to our clients’ vital assets. Our Sensing-as-a-Service model and global reseller network helped our clients get back to business quickly, safely and cost efficiently in 2020, all while shedding new light on the true performance and utility of their real estate holdings to prepare them for success in the post-pandemic future. Microshare is a leader in LoRaWAN applications and a proud member of the LoRa Alliance®.