

Infrastructure & disaster monitoring system

Combination of portable sensing devices and cloud makes health monitoring of infrastructure & disaster easier



The cloud system shows the infrastructure troubles and early signs of disaster real-time
It works on any mobile monitors



Monitoring emergency signals from sensors enables the fast counter measures to the possible disasters

Optional camera system enables remote surveillance



Real-time sensing and 360° camera helps seize the current status of target infrastructures



It enables remote management of aging infrastructures and natural disasters



Get early signs of infrastructure breakdowns or landslides to avoid secondary disasters



Just put the sensor piles on the ground and the monitoring automatically starts

MIKATA-Professionals is an open innovation platform realizing safe and smart society



MIKATA Innovation Roadmap

Stage1 - 2022

Stage2 - 2024

Stage3 2025 -

Disaster management



Landslide Sensing System

Disaster Prevention Pole System



Portable Telecommunication Pole System

Satellite Link



Infrastructure DX

Infrastructure remote management system



Land Sensing System

LPWA-Wifi monitoring system

Building health monitoring system



Deep forest chat system
Deep forest Internet poles



Remote operation system

Machinery DX



Remote machine control system



Emergency Telecommunication Trike



Emergency Delivery System

