

Fujitsu Network
Solutions Limited

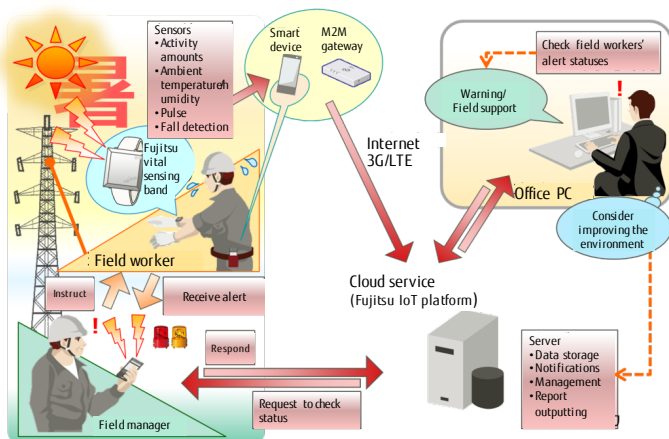
Safety management of field workers through real-time visualization of data from wearable sensors



Challenge

- To receive orders in the future, an important issue is to eliminate accidents in the field
- There is a need to obtain a more detailed understanding of the status of the field by obtaining not only environmental information from the field but also workers' biometric information

Solution



- Senses workers' movements (acceleration) and work environment conditions (temperature, humidity) with the wearable sensor, and sends the information to the cloud from a smart device or access point set up in the field
- Provides everything from the wearable sensors, smart devices or communication devices, cloud for storing various types of data, up to the analytical/predictive apps

Benefit

- Visualize workers' statuses from remote locations (e.g. the office) by having field workers wear sensors
- Improve the quality of field work and safety by detecting heat stress and falls
- Prevent entry into dangerous and off-limits areas

Products and services

- FUJITSU IoT Solution UBIQUITOUSWARE Vital Sign Sensing Band
- Smartphones and sensor data transmission app
- FUJITSU Cloud Service IoT Platform