A wearable vital sensing fabric called “hitoe” enables measurement of vital information for an extended period without stress to the user. The real-time health monitoring system with hitoe clothes and a wireless IoT gateway system monitors the health condition of multiple workers simultaneously without them having to carry the latest smartphones.

**Features**
- Acquires heartbeat, electrocardiogram (ECG) waveforms, and accelerometer data with very low-impact for business workers
- Monitors multiple people simultaneously and in real time with a wireless IoT gateway system
- Estimates mental and physical status such as relaxation level, heatstroke, and posture by analyzing sensing information at our cloud server

**Application Scenarios**
- Health monitoring for workers at construction sites and automated industrial plants
- Health checks and monitoring of long-distance bus and truck drivers

**Collaboration Partner**
The hitoe clothes for workers are jointly developed by Toray Industries, Inc. and NTT.

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*1 hitoe is a registered trademark of Toray Industries, Inc. and Nippon Telegraph and Telephone Corp., which developed it jointly.  *2 IoT: Internet of Things  *3 API: application programming interface