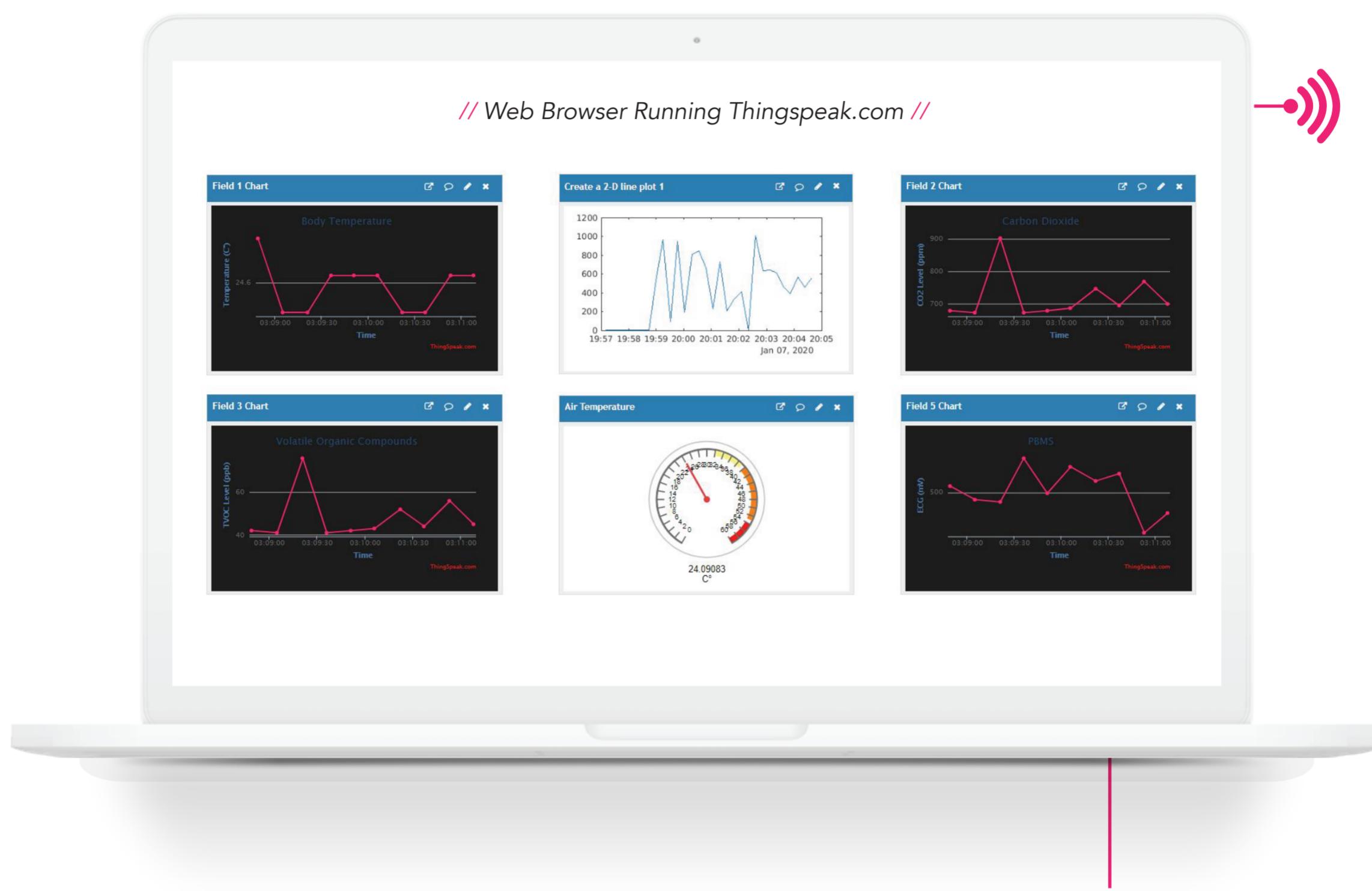


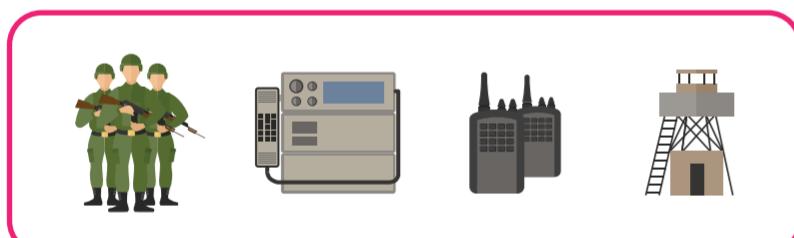
# Personal Bio Monitoring System

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Monitors emergency service members' status, vital signs and their environment from halfway around the world to make quick-informed decisions on on-going operations, via the implementation of IoT.

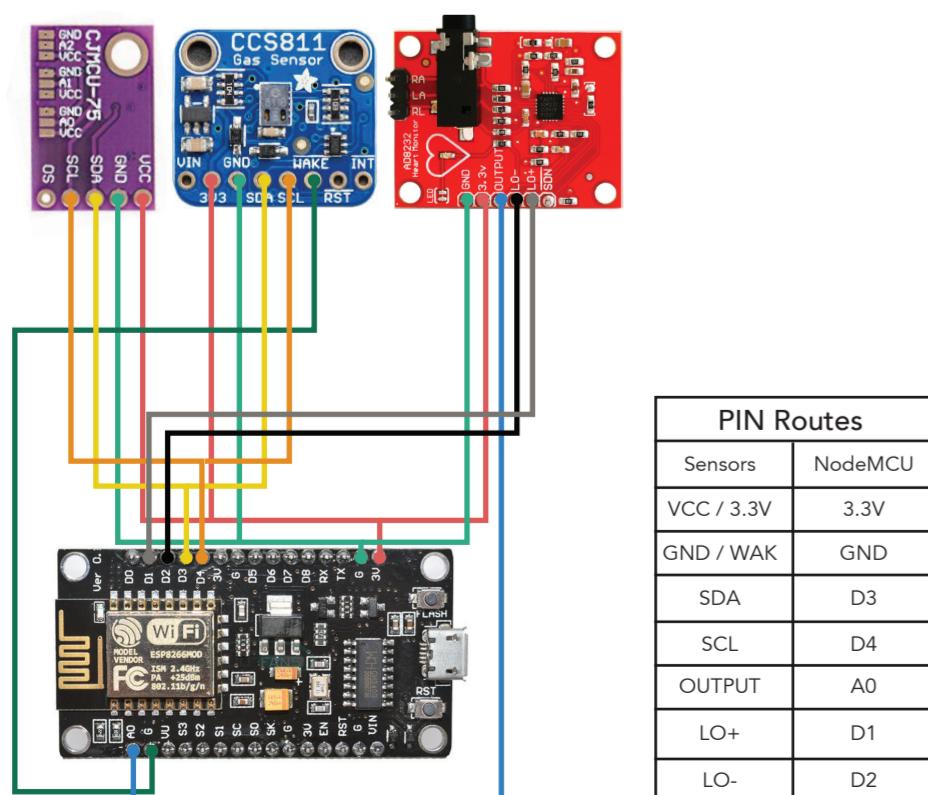


## The Problem



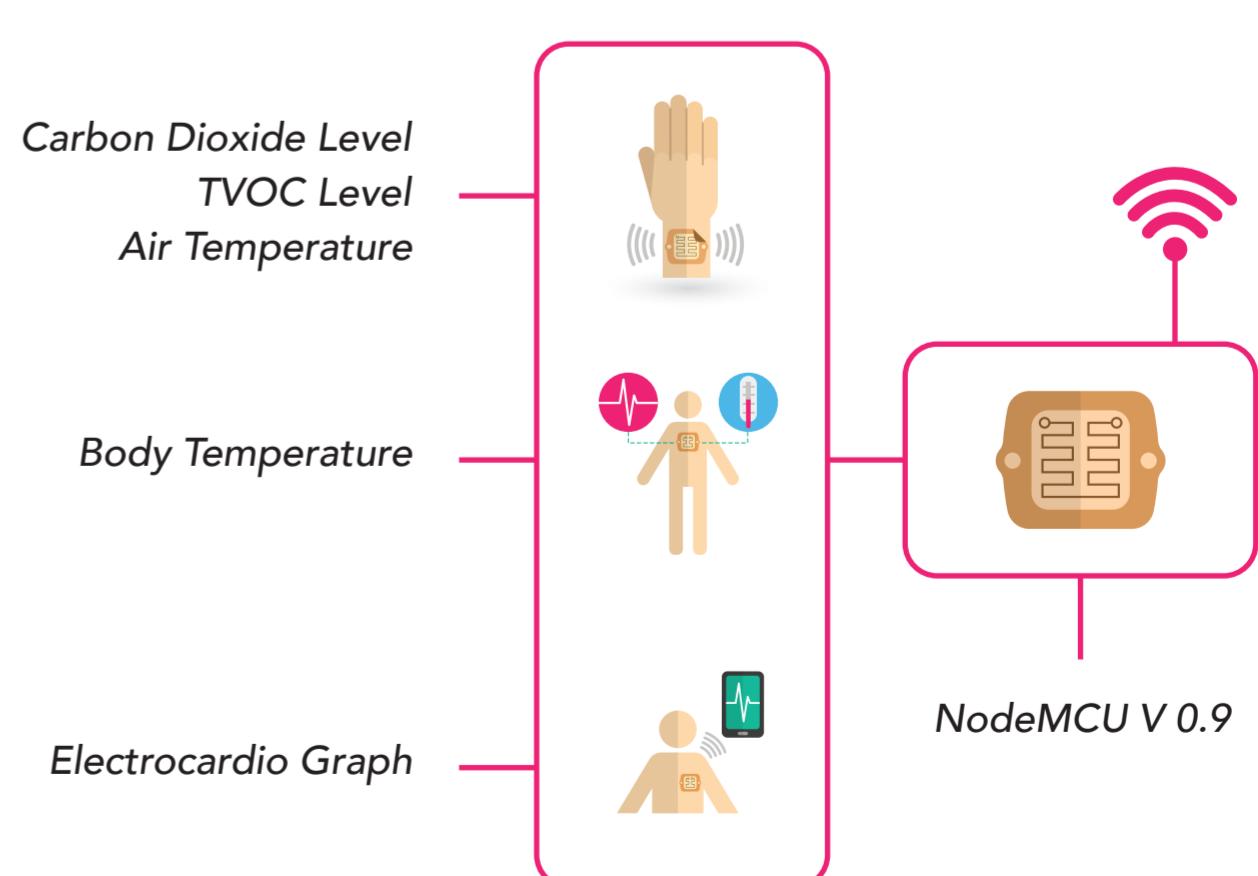
Usually in an emergency service operation, field responders are going to be sent into a location (building/rural terrain) while command center personnels control the situation from a separate location to aid field responders. Most of the time, only communication with responders on-site are through radio communication. The P. B. M. S. allow vital signs of responders and their surroundings to be monitored over internet, so support teams in the command center can make a more informed decision on the operation.

## The Schematic



## The Solution

## How Does It Work ?



Various data are collected from the user, and will then be processed by the NodeMCU V 0.9. It will then be passed into variables to be sent to the IoT dashboard of choice. In this case Thingspeak.com.