



Making sleep better for everyone.

SIA App Challenge 2015

People have trouble falling  
asleep on flights.

## Coping Strategy #1

Switch to the destination time-zone

## Coping Strategy #2

Sleep every two hours.

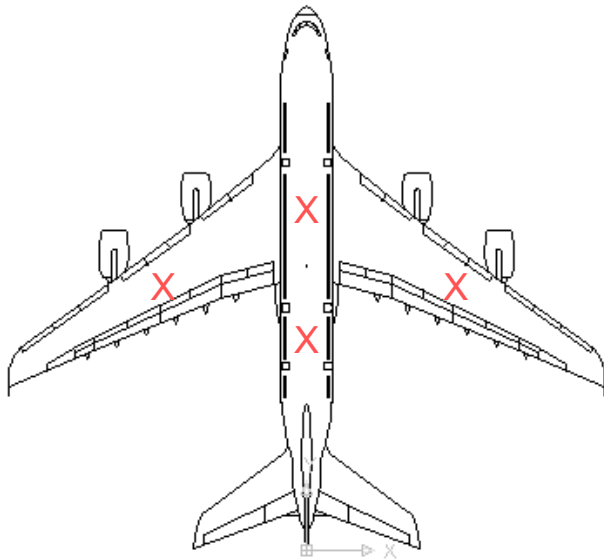
## Coping Strategy #3

Use a Fitness Tracker (e.g. FitBit).

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# Introducing ên/sage

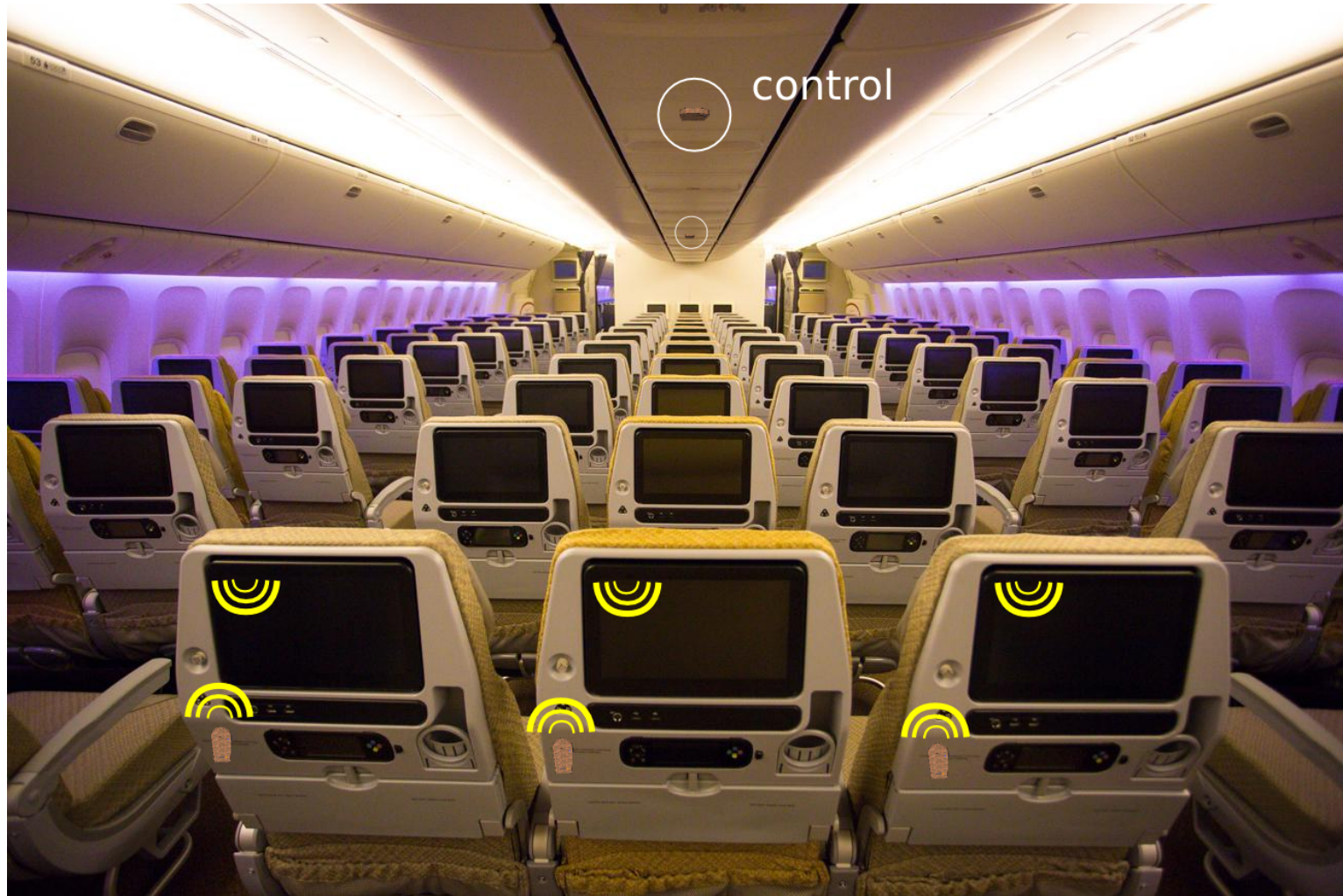


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A revolutionary device  
utilizing IoT and the  
localized web to improve  
sleep.

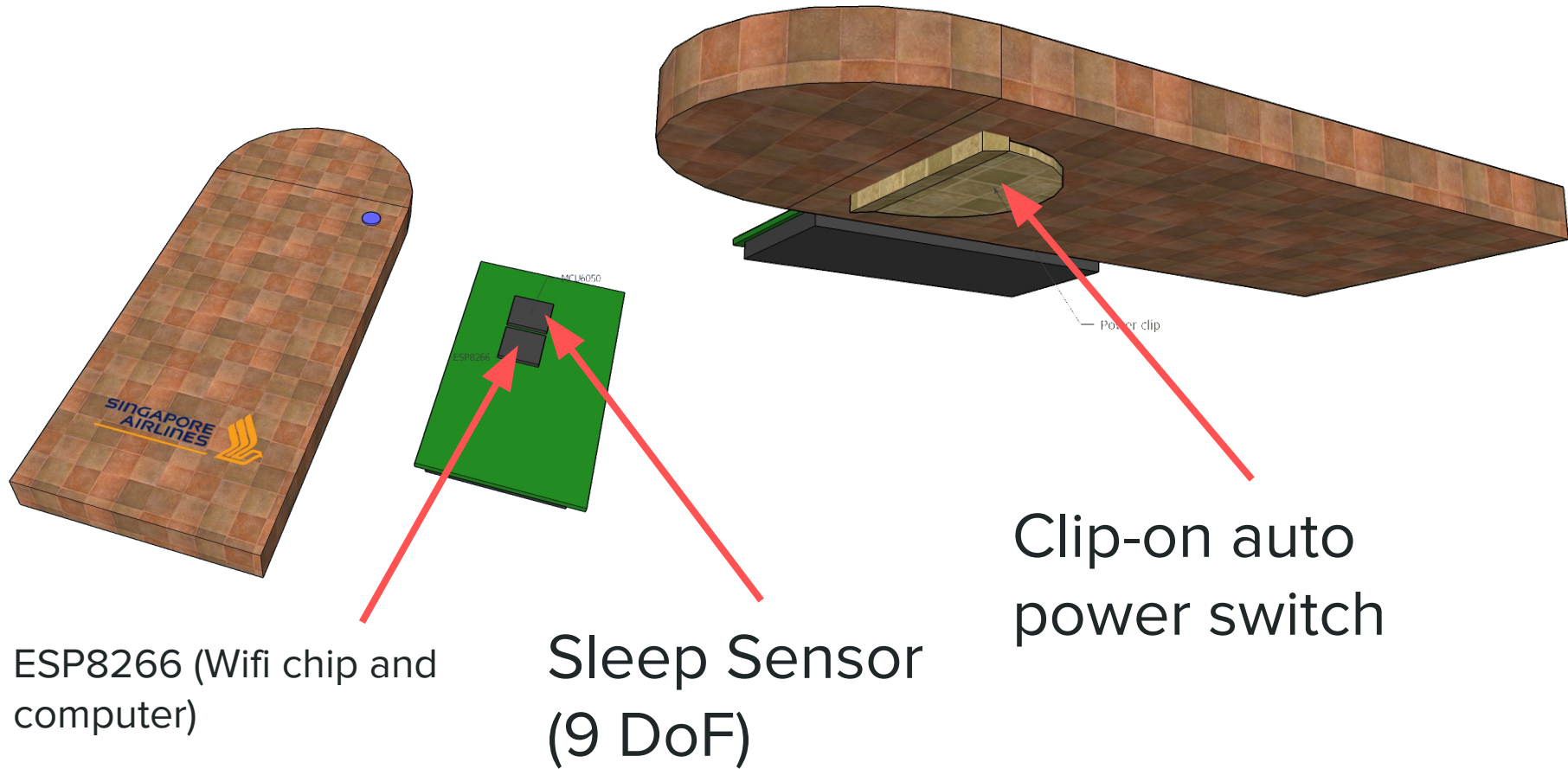
IoT - Internet of Things

How it works.



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The device.



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# Demo.

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# Bill of Materials

Item	Cost (SGD)
ESP8266 WiFi chip	2.09
MCU6050	0.44
PCB Manufacture	0.50
Battery (Lipo, 3.7V)	7.82
<b>Total</b>	<b>10.85</b>



## Next steps.

- Big data analysis: Sleep data aggregated
- R&D: Sleep data analyzed to find / price: best seats for sleep / better plan mealtimes
- Select / predict flight routes based on where users sleep well, and seasons
- Possible partnerships with companies (FitBit, etc.) to download Sleep Data for a small fee

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# Q & A?

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