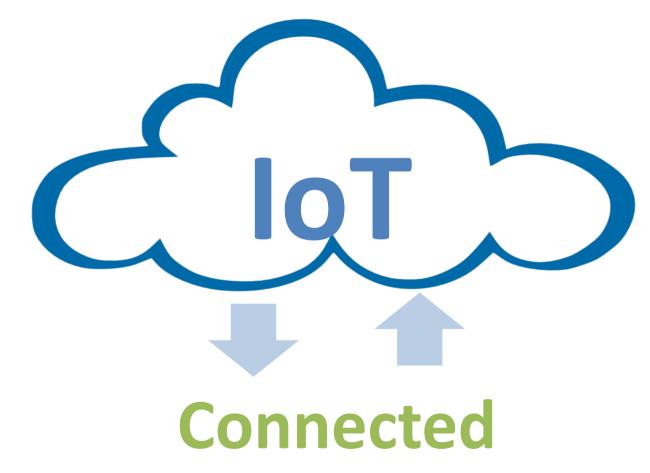


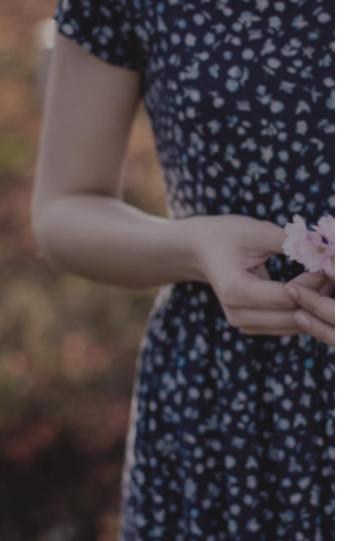
## Journey from One Million to One Billion Body Sensing Technologies with Smart Textile

StartupFest Health '19 Utrecht, Netherlands 1 Oct.- 3 Oct. 2019

Nadia Kang Chief Marketing Officer AiQ Smart Clothing Inc.







## Why Clothing

- Protection from Elements
- Make People Look good
- Purpose has remained the same
- Even though it has grown \$1 trillion dollar + industry today





# Why Bring Technologies into Future Fashion

- Creativity : New inspiration with new elements for fashion design
- Economics: Create new niche to bring the higher value for the fashion industry
- Applications : Great application platform for the wearables





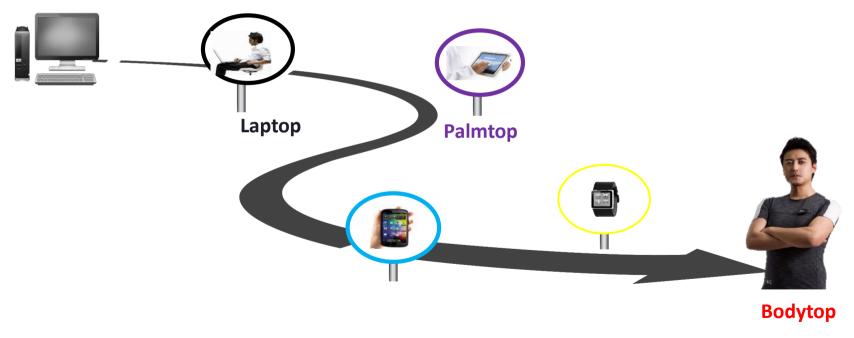
## Why Smart Clothing

- What will be the killer apps for the Smart Clothing ?
- Sports? Elderly Care? Fitness? Wellness?
- ECG? HR? Motion? Heating? Other vitals?
- Athletes? Professional workers? Executives?
   Elderly people? Patients ......

We understand the challenges very well ..... Our mission is to build the "Internet of You"



#### Device Evolution – Ever Smaller, Ever Closer







### **ExoNeural System**

At AiQ, we are inspired by the human species in our design

- Humans have sensors and so do our designs
- Humans do sensor fusion and so do our designs
- Humans have neural networks as medium and we use conductive yarns
- Humans process and our designs process

In summary = our designs are very much inspired by how human body is designed. That's we call our designs ExoNeuralNetworks



## Core Material - Stainless Steel Fiber

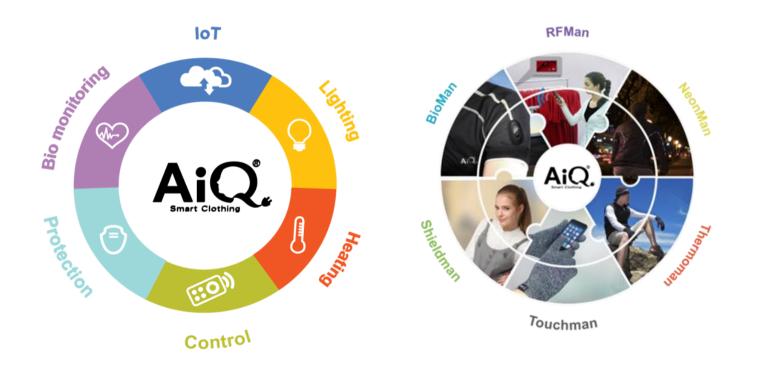
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#### Toolbox



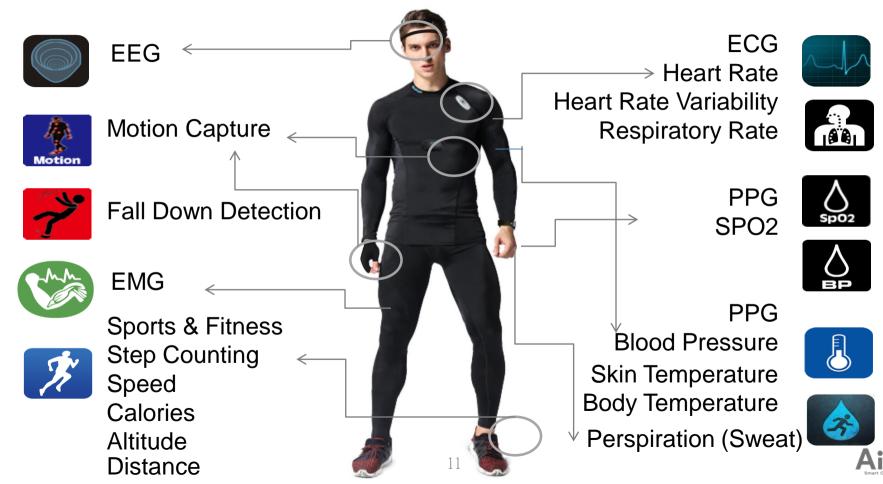


#### From Concept to Real Applications Products

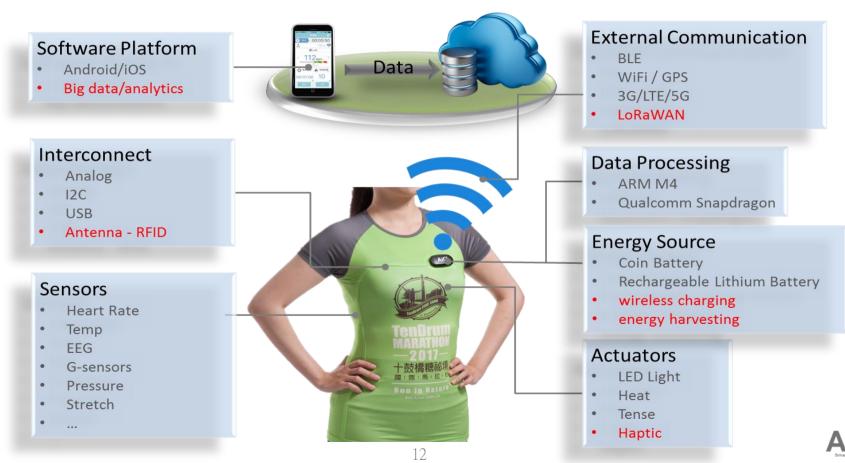




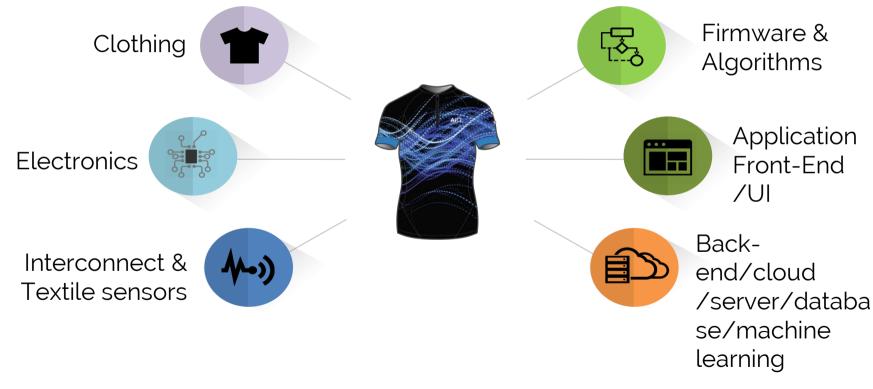
### Expectation



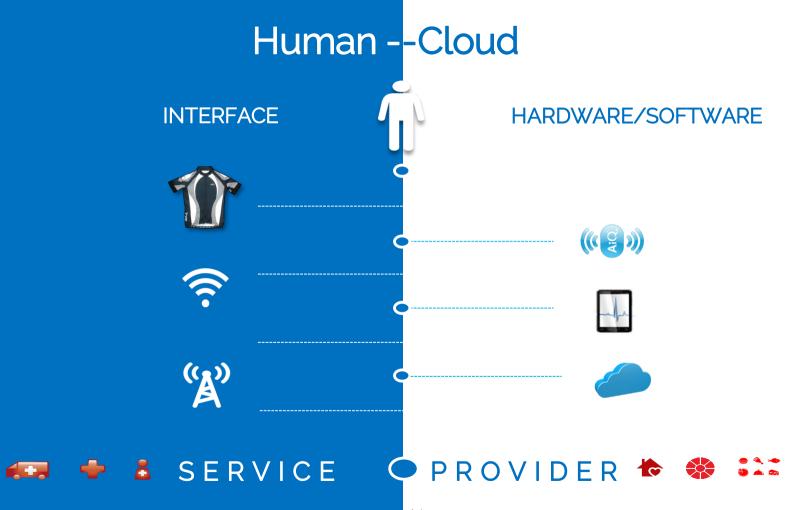
### AiQ Smart Clothing Platform



#### 6 Components of Smart Clothing









#### **Quantified Self**







### **Major Applications**

• Sports & Fitness - Digitize - Analyze - Advise



• VR Gaming – whole body in action & haptic response in reaction





• Healthcare – monitoring – convenient – continuous - comfortable











#### **Comfortable**

#### **Washable**

Reliable

#### **Durable**

#### **Affordable**

#### **Fashionable**





### Conclusion

- IoT and miniaturisation is pushing the frontiers of Wearables
- > There is an even larger opportunity to extend the functionality of clothing
- Clothing is second skin and the original wearable
- > A thoughtful strategy and ecosystem building is necessary
- > We have the architectures necessary and we are executing to this vision
- > The journey is long and arduous but we will reach our goals
- > As the building blocks of a new internet The internet of "YOU"
- Smart Textile can drive fashion to helps humans to lead happier, healthier lives with new technologies in smart living
- For smart textile industry, it is new materials to work on, new business models to evolve and finally --- the creation of a multi-billion dollar industry to be achieved



## Thank You

