



## BUSINESS OVERVIEW

### PRODUCT DESCRIPTION

#### Flexible thermoelectric device (FTED)

- Applications: For cooling, heating, and electrical generation
- Advantages:
  - Same performance as a conditional thermoelectric device
  - Flexibility
  - Fast reaction due to no buffering layer
  - Freedom of shape design

#### Flexible thermoelectric device applications

- **ThermoReal®:** Temperature haptic module used in VR/AR games and 4D movies
- **Wearable Technology:** Personal temperature regulating device
- **Health & Beauty:** Temperature features for health and beauty devices
- **Power Generator:** FTED generated IoT sensory device to power WSN in industrial facilities
- **Others:** FTED applications in automobile, medical, and apparel

### BUSINESS MODEL

**Revenue:** Generated from the development and sales of FTED applications

**Target:** VR/AR game and content developers, manufacturers in headsets, gaming devices or accessories, medical, beauty, automobiles, energy generation, etc.

**Business:** Business to business (B2B) collaborations

**Relationships:** In collaboration with leading electronic device businesses domestically and overseas

### MAJOR ACCOMPLISHMENTS

**Patents:** Over 90 intellectual property rights (patent registration, license, application, trademark, etc.)

**Awards:** Daejeon SK Creative & Innovation Center Award (2014), Grand Prize for UNESCO Netexplo Award (2015), Africa Development Bank Award (2018) for a Better Africa, SEOUL VR/AR Device Award (2019), CES Innovation Award (2020)

### BUSINESS TYPE/ITEM

ELECTRONICS, ELECTRONIC DEVICES, OTHER ELECTRONIC DEVICES

### FOUNDED

AUG 22<sup>ND</sup> 2014

### CONTACT

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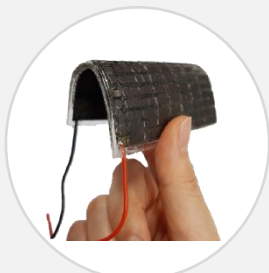
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### PRODUCTS



**Flexible thermoelectric Device**



**ThermoReal®**



**Wearable Technology**



**Health & Beauty Care**



**PowerBelt® IoT WSN**