



NARE IOT LAB

One line pitch:

Prediction & Prevention System of Electrical Arc Fires

Market Analysis:

? Need to create a plan to control electricity fire due to the increase in the usage of electricity and the decrepit of electricity facilities. ? Establish rules and averages for 2015 Chinese Arc after the change in law in the year 2002 in USA/Canada. ? Apply IOT to the safety and fire prevention market. ? The IOT market will grow by 22% yearly until 2020 and reach 1.7 trillion dollars. ? The electronics/IT service and other related categories are estimated to occupy 32% of the IOT market in 2020

Value proposition:

? Available compact size because of no additional current transformer desinged by voltage detection type ? Available both a stand-alone outlet type and a full system type(remote control communication with smart devices/PC). ? Thanks to advanced voltage type than typical current type, it is able to detect not only serial micro arc but also macro parallel arc. ? Covering not only the fore-end but also whole range of the back-end of cable ? Able to distinguish harmless and dangerous arc

Business Model:

? ARCLOW-SAT100: Electrical Arc Detector for Outlet of Plug-in Type ? ARCLOW-SYS300: Remote monitoring & Control System of Electrical Arc Fires

IP and Regulatory situation:

? Patent 10-1535950: CONTACT FAILURE DETECTION DEVICE BY COUNTING PULSES



COMPANY PROFILE

- **Website:**
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- **Field:**
- **Contact:**
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- **Location:**
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- **Founded in:** //05/2016
- **Employees:** 4
- **Financial information (€):**
 - **Company stage:**
Pilot Phase
 - **Capital raised to date:**
 - **Monthly burn rate:**
 - **Capital seeking and date:**
- **Investors:**