History

January	2007	Except for NST Laboratory, Inc. Establishment of its headquarters in Aizuwakamatsu, next to the University of Aizu
February	2007	Awarded the title "The first start-up enterprise from the University of Aizu"
January	2008	Awarded IT Technology Certificate from Aizu for "Web application diagnosis ASP"
January	2012	Awarded IT Technology Certificate from Aizu for "Weather caricature (Tenkigiga)"
April	2012	Trademark is changed to "Aizu Laboratory, Inc" Moving the headquarters for further business expansion
December	2012	Registration of "Yubisashi Navi (Finger Navi)" trademark No.5543389
January	2013	Awarded IT Technology Certificate from Aizu for "Yubisashi Navi (Finger Navi)" for local sightseeing
February	2013	Head office is relocated to Aizuwakamatsu Apio for further business expansion
October	2013	Winning the best award at 1st Tunnel Theater Animation Contest (sponsored by Aizu Railway Co., Ltd.)
January	2014	Awarded IT Technology Certificate from Aizu for "Apoli"
November	2014	Becomes a subsidiary of Nihon Enterprise Co., Ltd.
February	2016	Awarded IT Technology Certificate from Aizu for "Easy-to-install multi-function power visualization system for home"

Company Profile

Trademark	Aizu Laboratory, Inc.
Date of establishment	January 4, 2007
Capital	29.9 million JPY
President & CEO	Kunihisa Matsunaga
Main business	iOS/Android application development Web applications development R&D Website development 2D・3D CG creation
Major shareholders	Nihon Enterprise Co., Ltd.
Certification registration	IS512600 / ISO (JIS Q) 27001
Address	53 Inter-Nishi, Aizuwakamatsu, Fukushima 965-0059, Japan TEL +81-242-23-8285 FAX +81-242-23-8286 E-mail：info@aizulab.com HP：http://www.aizulab.com/

To Advance Knowledge for Humanity

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AIZULAB

We are a start-up company from The University of Aizu, pursuing intellectual creation in a privileged environment surrounded by nature around Aizu Basin.
We are engaged in a wide range of fields such as smartphone application development, energy management, and autonomous driving.

“To Advance Knowledge” was raised as a slogan by the National Association of US Universities in 1900 and knowledge took a great step forward as it was promulgated in this slogan.

However, technological progress not only brought happiness to humanity but also created the cause of war and the harmful technologies that hurt the world.

“Extending knowledges is good, but let's extend our knowledge that will be useful for developing of humanity.” (Professor Toshiyasu L. Kunii, the first president of The University of Aizu)

This is the philosophy of the University of Aizu - **“to Advance Knowledge for Humanity”**.

As a start-up from the University of Aizu, we set out the philosophy of the University of Aizu and send the advanced knowledge and technology for the human race to the world.

HEMS / FEMS
Smart community / Smart metering / Smart home
Blockchain

EMS *Energy Management System*

EMS "visualizes" energy, which realizes the concepts of "peak cut" that reduces peak power consumption rate and "peak shift" that enables users to take advantage of low electricity rates. By introducing HEMS for home use and FEMS for factory and facility use, we will work to maintain an optimal and comfortable usage environment.

SMART ENERGY MANAGEMENT

AIZU Laboratory, Inc. proposes the design, the integration, and the development of EMS systems. A combination of FEMS/HEMS is a good example of this proposal. To be specific, we will expand our HEMS systems to be able to manage the electricity transaction with Blockchain and distribute to all over the world.

Home

Unlike ordinal HEMS plugs, our Smart Plug has a many function and it is easy to set up.
Our Smart Plug can not only measure the electricity consumption, but also can measure your house's environmental data such as temperature and humidity. We also incorporate the general IR-remote controller in our Smart Plug. In the smartphone application for this Smart Plug, you can monitor the measured environmental data of your house and remotely control your home appliances through our Smart Plug.

Factory

Because our FEMS is a clamp type, it is easy to set up without extra construction to the switchboard of your factory. We provide the consumption data through the web application and visualize the data with optimized forms (Map, List, Graphs, etc.) of your demands. You can monitor When/Where/What to/How much your factory uses the electricity. That is, we "visualize" the wasted energy and support to reduce the energy cost of your company and aim to achieve more rationalized and stabilized EMS of your factory, together.

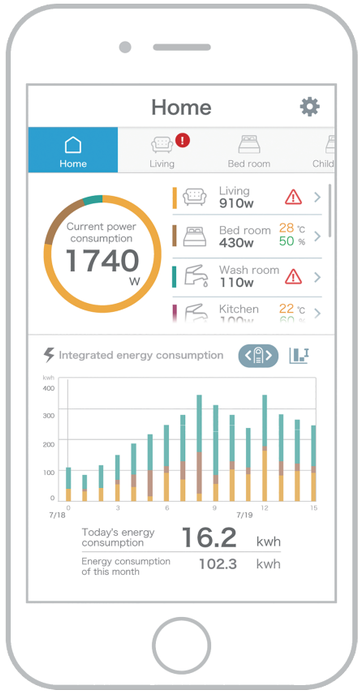
SMART PLUG APP

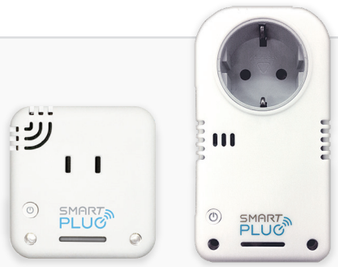
SMART PLUG®

EMS supports convenient and comfortable living.

You can check the energy consumption of your home appliances through smartphone (iOS/Android) application. In order to support saving your home energy consumption, we provide useful services and utilities such as graphs, notifications and remote control.

MONITORING / POWER SAVING / COMFORTABLE





Outlet type HEMS

Prototype for EU

OUR PRODUCTS

Most HEMS devices requires the renovation. However, our HEMS just need to plug in your home electricity socket! Moreover, it can also measure temperature, humidity and control the smart home devices.

BLOCKCHAIN

We are also applying on blockchain technology to the P2P power trading and other versatile platforms. As a demonstration experiment, we successfully implemented the Blockchain IoT system which can monitor the power consumption/reduction data of home appliances through Smart Plug and trace back those data from blockchain.