

# Disaster Prevention Equipment from JAPAN

Find the world's most qualified technologies & products

JETRO

<http://www.jetro.go.jp/>



## JETRO Overview

JETRO, or the Japan External Trade Organization, is a government-related organization that works to promote mutual trade and investment between Japan and the rest of the world. Originally established in 1958 to promote Japanese exports abroad, JETRO's core focus in the 21st century has shifted toward promoting foreign direct investment into Japan and helping small to medium size Japanese firms maximize their global export potential.

This Directory introduces 47 leading-edge companies that are looking for international business partners. The pdf version of the directory is available online at <http://www.jetro.go.jp/en/mjcompany/>

For further information, please contact to the nearest JETRO office in your country. JETRO worldwide offices: <http://www.jetro.go.jp/en/jetro/worldwide/>

## Table of Contents

Target



ADACHISHIKIKOGYO Co.,Ltd. ----- 03 	LIFE MAP Co., Ltd. ----- 27 
AMINOACE Co., Ltd. ----- 04 	makotoya.Co.,Ltd. ----- 28 
Amiyon Co., Ltd. ----- 05 	Medi-Plan.Co.Ltd ----- 29 
AQUIN Corporation ----- 06 	MISHIMA DENSHI CO.,LTD. ----- 30 
Bosai Seikatsu Association Co., Ltd. ----- 07 	Nakamura Shobokagaku Co., Ltd. ----- 31 
BumpRecorder Co., Ltd. ----- 08 	Nihon Pure Water, Inc., Tokyo Office ----- 32 
Century Corporation ----- 09 	Nishinomiya Industry Co., Ltd. ----- 33 
CIRCLE ONE CO., LTD. ----- 10 	NISSHIN RUBBER CO., LTD Technology Development Center --34 
DIC PLASTICS Inc. ----- 11 	OKUMA CORPORATION ----- 35 
Eco Rice Niigata Limited Company ----- 12 	Rexvirt Communications Inc. ----- 36 
eTRUST Co., Ltd. ----- 13 	SAXA, Inc. ----- 37 
Fujiwara Industry Co., Ltd. ----- 14 	Slow Food Factory Nagasaki Aguri Hill ----- 38 
GIKEN LTD. ----- 15 	Tamagawa Craft Inc. ----- 39 
Hitechs Co., Ltd. ----- 16 	Tamura Teco Co., Ltd. ----- 40 
Hokuryo Co., Ltd. ----- 17 	Teijin Limited ----- 41 
interest production ----- 18 	TOHATSU Corporation ----- 42 
ITO f SYSTEM Corporation ----- 19 	TOP WATER SYSTEMS CO., LTD. ----- 43 
Japan Fire Protect, Inc ----- 20 	UETAX Corporation ----- 44 
KOCHI MARUTAKA Co.,Ltd. ----- 21 	Unimation System Inc. ----- 45 
Kokeshino Shimanuki CO.,LTD. ----- 22 	UNIQUE Co., Ltd. ----- 46 
KOMYO RIKAGAKU KOGYO K.K. ----- 23 	YBM Co., Ltd. ----- 47 
Kosumosu Kogyo Co., Ltd. ----- 24 	YOKOI MANUFACTURING LTD. ----- 48 
Kyonan Seiki Co., Ltd. ----- 25 	YUASA CO., LTD TOKYO BRANCH ----- 49 
LIFE CREATION Co., Ltd. ----- 26 	

Target





## RESCUE BOARD

**Anyone can be a rescue volunteer. Let us carry the victim to safety without losing any time.**

The Rescue Board, a compactly storable stretcher made of recycled paper, has been developed as a new rescue tool. When it is spread out, an easily understandable illustrated manual enables anyone to use it safely to help save the victim. This sturdy waterproof stretcher can withstand the weight of an adult, but its own weight is just 3.5 kilograms (7.7 lbs). Being tri-foldable, it is easy to store and take out for use.

Target

### ADACHISHIKIKOGYO Co.,Ltd.

Contact Person: Machio Adachi / President

E-mail: [m-adachi@adachishiki.co.jp](mailto:m-adachi@adachishiki.co.jp)

Tel: +81-258-24-2145

Address: 2-7-30, Higashizao, Nagaoka-shi, Niigata 940-0029, Japan

URL : <http://www.adachishiki.co.jp>

Distributors



## Long Life Mire Biscuit 200g

**Kochi's popular Mire Biscuit for emergency use. This non-fried biscuit made without butter, egg, or milk can be stored for up to 5 years.**

This type of Mire Biscuit can be stored for up to 5 years after the production date. Unlike the usual Mire Biscuit, this survival food is produced without frying and without salt, which makes it soft and mild-tasting and enjoyable by all, from infants to seniors. Moreover, it contains no butter, egg, or milk.

Target

### AMINOACE Co., Ltd.

Contact Person: Mitsuru Wada / Sales Department

E-mail: [shop@aminoace.com](mailto:shop@aminoace.com)

Tel: +81-88-866-3010

Address: 1902-3, Otsuotsu, Kochi-city, Kochi 781-5103, Japan

URL : <http://www.aminoace.com>

Distributors

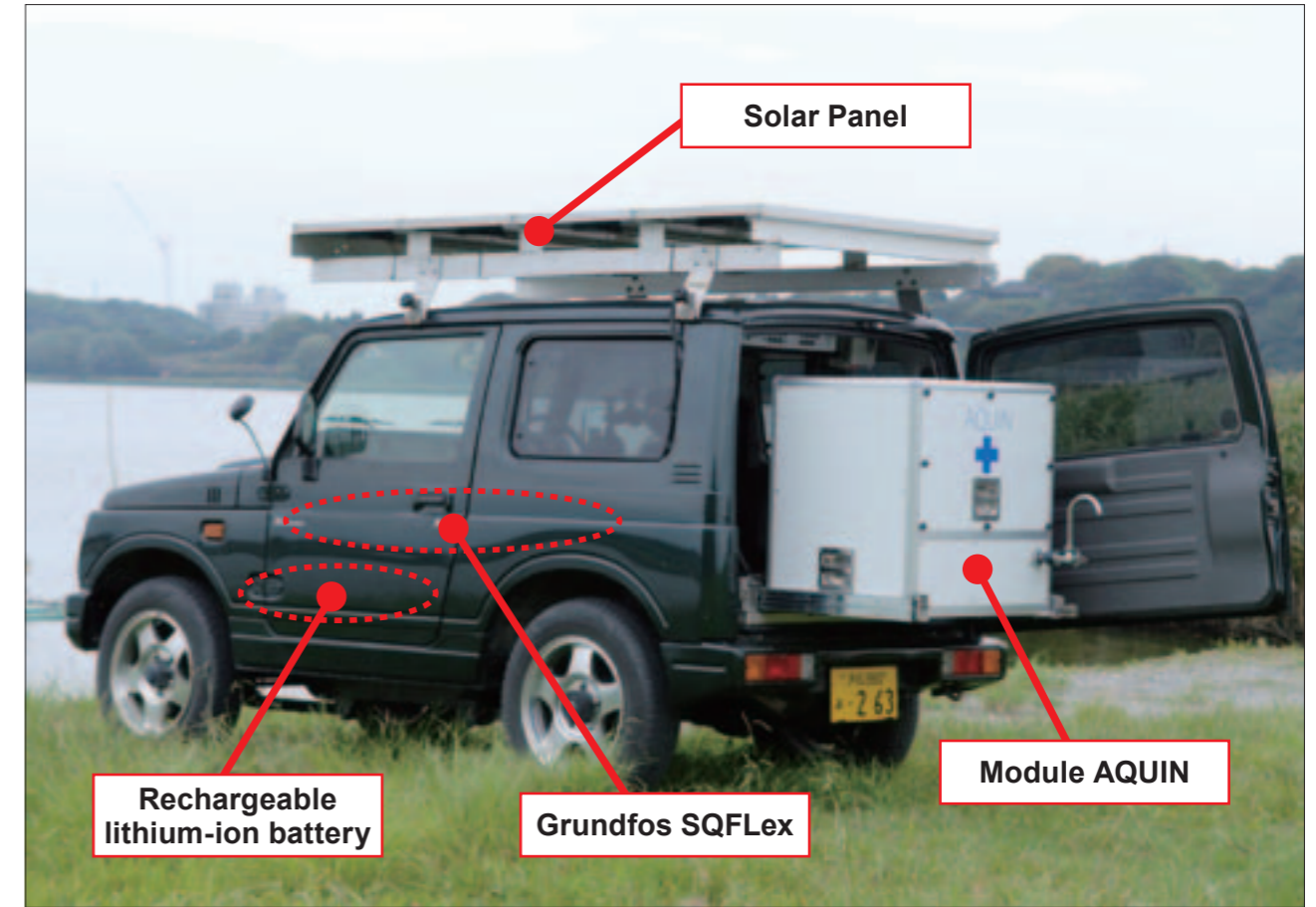


## Portable toilets for emergency

**Eco toilet for use in emergencies. After use, it can be flushed down the toilet, burned, or buried in the ground.**

This product is a toilet for use during disasters, traffic jams, or as the user likes. The cardboard box acts as the toilet seat, and can be used by men, women, and children.

It also can be used by pets.



## AQUIN rescue vehicle

**The AQUIN rescue vehicle runs, generates power, and produces drinking water in a disaster or emergency.**

**Module AQUIN:** Produces natural-quality drinking water from highly contaminated water.

**Grundfos SQFLex:** Operates with a low power of 100 watts. Lifting height: 200 meters (656 feet) or higher. Water-processing capacity: 400 tons per day

**Rechargeable lithium-ion battery:** A large capacity of 1.7 kilowatts per hour (expandable up to 3.4 kilowatts per hour)

**Target**

-  End-users
-  Distributors
-  Technical cooperation
-  Joint venture

**Amiyon Co., Ltd.**

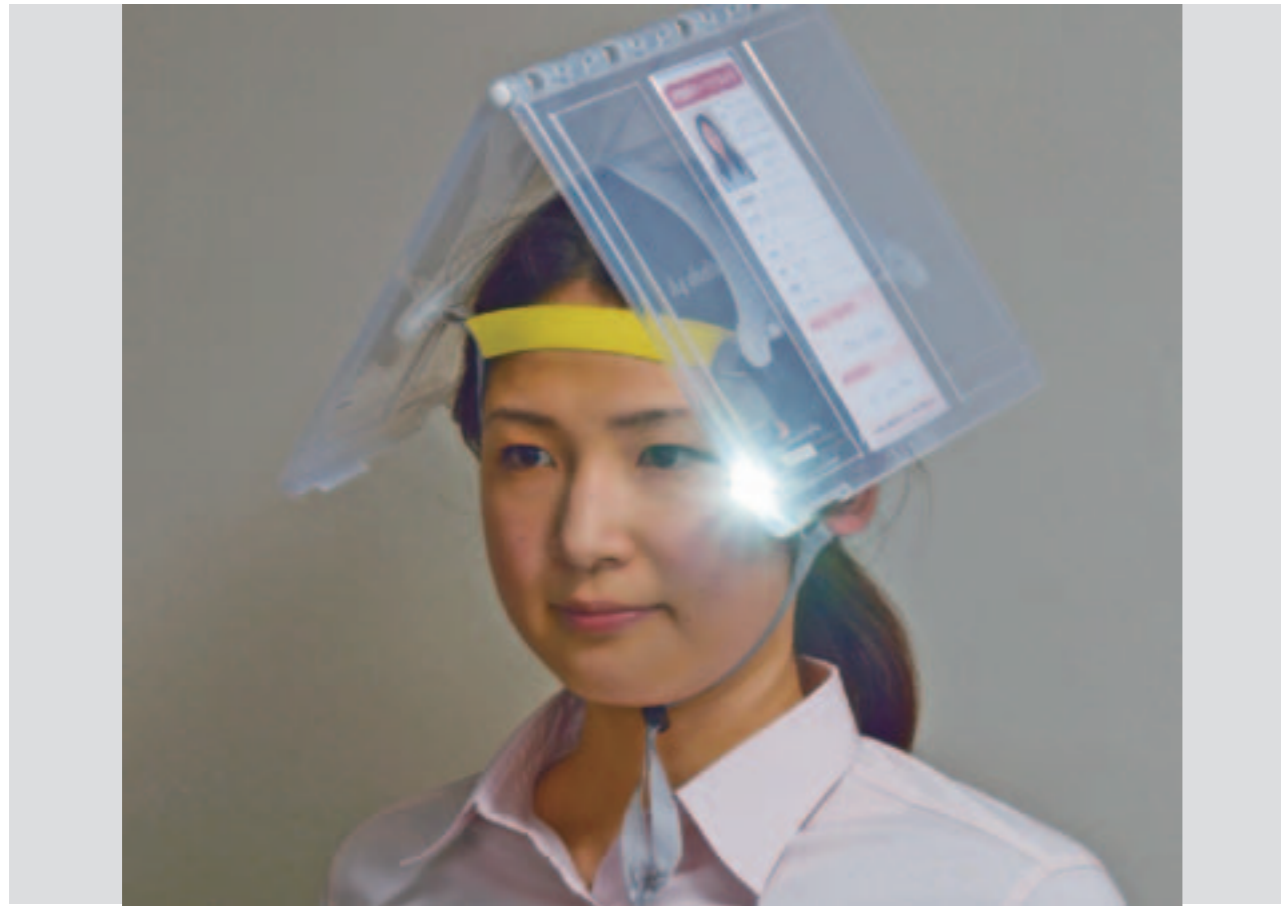
Contact Person: Tsutomu Yoshioka  
E-mail: amiyonjp@yahoo.co.jp  
Tel: +81-88-843-5557  
Address: 231, Asahitenjin-cho, Kochi-shi, Kochi 780-0955, Japan

**AQUIN Corporation**

Contact Person: Masaki Imai / President  
E-mail: contact@h2opower.co.jp  
Tel: +81-53-458-1700  
Address: 2-15-3, Ebizuka, Naka-ku, Hamamatsu-city, Shizuoka 432-8033, Japan  
URL : <http://www.h2opower.co.jp>

**Target**

-  End-users
-  Distributors



## A4 shelter

**Always keep this 18-mm-thick protection in your bag. A close-to-hand choice is better than the-best-but-far-away protection.**

How to support evacuation activities without decent protection during or immediately after a disaster is important not only for schools but also for companies that have salespeople working frequently out of the office. Even the best protection product is useless if it is not available at hand. This is why we have developed "A4 shelter Tough," a simple portable emergency helmet in the form of a file case. This A4-size 18-mm-thick product can fit in your bag, protect your head against any falling object in the event of a disaster, and give you a sense of security.

**Target**

**Bosai Seikatsu Association Co., Ltd.**

Contact Person: Tatsuo Makifuchi / Project Manager  
 E-mail: a4shelter@hi10.jp  
 Tel: +81-25-288-5644  
 Address: 2-13-3, Sonoki, Konan-ku, Niigata-shi, Niigata 950-1135, Japan  
 URL : <http://a4t.jp/>



End-users



## BumpRecorder

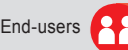
**Smartphone application for pavement roughness measurement, and web service to analyze roughness data. The app does not require calibration driving before measurement driving. The number of smartphones is unlimited, with a fixed price.**

Road roughness is measured by a smartphone with no other sensors. BumpRecorder constantly calibrates vehicle suspension automatically. So, there is no need for calibration driving before measurement driving. Global standard index IRI and BumpRecorder original index Bump Height can be output as an analysis result. When using the web service, the analysis result can be seen on the web map, and the analysis graph. The number of smartphones is unlimited, with a fixed price.

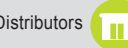
**Target**

**BumpRecorder Co., Ltd.**

Contact Person: Koichi Yagi / CEO  
 E-mail: [info@bumprecorder.com](mailto:info@bumprecorder.com)  
 Tel: +81-3-6454-4255  
 Address: 1-59-9-207, Akabane, Kita-ku, Tokyo 115-0045, Japan  
 URL : <http://www.bumprecorder.com>



End-users



Distributors



## Stand alone fire alarm

**A stand alone smoke detector that is triggered to send an alarm on detecting smoke particles during a fire.**

This is a stand alone smoke detector that is triggered to send an alarm on detecting smoke particles during a fire. This can save lives by sending an early warning to occupants to take fire precautions before it is too late. This device needs neither wiring nor an expert during installation. The device uses a special lithium battery that can last for 10 years without replacement and the design is stylish enough to blend with any interior design of a residential setting.

### Century Corporation

Contact Person: Tadashi Sato / Sales Department  
E-mail: t-sato@century.co.jp  
Tel: +81-3-5818-7065  
Address: 2-28-5, Taito, Taito-ku, Tokyo 110-0016, Japan  
URL : <http://www.century.co.jp>



## Handy Cosmo Talk C250TR

**Handheld Transceiver that can Receive Transmissions from Anywhere in the World**

1. An IP communication device that connects with the user's computer or smartphone
2. GPS is installed and location can be managed cheaply
3. Is waterproof and can be used underwater at depths of up to 1 meter for up to 30 minutes
4. A 3G module and wireless LAN is preinstalled
5. Comes with a rechargeable battery allowing for continuous use up to 15 hours and a dry cell battery case
6. Most compact and lightest model

### CIRCLE ONE CO., LTD.

Contact Person: Toshio Ichimaru / President, Tetsutaka Ichimaru / Executive Vice President  
E-mail: t\_ichimaru@circleone.co.jp  
Tel: +81-977-66-1648  
Address: 860-1, Noda, Beppu-shi, Oita 874-0016, Japan  
URL : <http://www.circleone.co.jp>



## helmet for emergency purposes **IZANO**

**Professional-level helmet that can be folded to half size for storage**

This easy-to-carry and compact-to-store product has been developed by DIC PLASTICS, an industrial helmet manufacturer for more than 50 years in the DIC Group. DIC is a general chemical manufacturer with the world's top share in the printing ink market. IZANO can be assembled instantly in the event of a disaster or emergency and is useful for a wide range of activities from evacuation to reconstruction. It is used for protection from falling and injuries from flying or falling objects and for protection from injuries upon a fall. As the product has passed the national approval test, it is usable in construction sites. IZANO won the Good Design Award 2014.

**Target**

- End-users
- Distributors

**DIC PLASTICS Inc.**

Contact Person: Takaki Ishimura / Safety Goods Department  
 E-mail: takaki-ishimura@ma.dic.co.jp Tel: +81-48-658-8857  
 Address: Sonic City Building, 20F, 1-7-5, Sakuragi-cho, Omiya-ku, Saitama-city, Saitama 330-8669, Japan  
 URL : <http://www.dic-plas.co.jp/products/helmet/>



## Emergency food, storable up to 5 years **Half Protein Rice**

**This low-protein rice, with its phosphorus and potassium contents reduced by a patented procedure, is useful in an emergency for renal failure and/or food-allergic patients and healthy people alike.**

The product can be easily prepared with cold or hot water. The package that comes with a spoon can be used as a bowl to eat it in a hygienic manner at the time of a disaster. The phosphorus and potassium contents of this low-protein rice harvested from our contract farms are reduced without using any chemicals, using a patented procedure. As its natural taste can be enjoyed by renal failure and/or food-allergic patients and healthy people alike, the product is stockpiled by the Tokyo Metropolitan Government and many other local governments, hospitals, and police stations all over Japan.

**Target**

- End-users
- Distributors

**Eco Rice Niigata Limited Company**

Contact Person: Yu Toyonaga / Executive Office Manager  
 E-mail: eco-net@nekonet.ne.jp  
 Tel: +81-258-66-0446  
 Address: 970-100, Maejima, Wakigawashindenmachi, Nagaoka-city, Niigata 954-0181, Japan  
 URL : <http://www.eco-rice.jp/>



## Remote location monitoring system

### Cloud technology based remote location monitoring/telemetering solution

Monitoring (viewing and telemetering) multiple remote locations centrally via the Internet.

Since the monitoring stations are driven by solar panels and send data via a mobile phone network, the monitoring stations can be placed wherever you wish to monitor. It has been adapted for disaster prevention, environment monitoring and so on.



## Tsunami Evacuation Tower. Shelter from Volcanic Stone/ Avalanche of Earth and Rocks

### Tasukaru Tower

A steel frame tower developed by Fujiwara Industry Co., Ltd., a leading pioneer

### Shelter from Volcanic Stone/Avalanche of Earth and Rocks

A shelter for use in emergencies involving volcanic stone/avalanche of earth and rocks

Tasukaru Tower is a facility that allows for quick vertical evacuation when a tsunami has occurred. It was developed in 2003, and 40 towers have been installed as of March 2015. In 2006, the Disaster Prevention Research Institute of Kyoto University evaluated tsunami wave force on the tower by experiments. There are various types with regard to the shape of the evacuation stage and the number of stories. The Shelter from Volcanic Stone/Avalanche of Earth and Rocks was developed in 2014 for use in cases of phreatic eruptions of volcanos or avalanches of earth and rocks due to heavy rain. The shape of the shelter can be cylindrical or spherical. The cylindrical version has a unit design that allows it to be connected with other units. It can also be transported by large helicopters, etc.

**Target**

-  End-users
-  Distributors
-  Technical cooperation

**eTRUST Co., Ltd.**

Contact Person: Yoko Tanoue / Tokyo branch Planning & Development Division  
 E-mail: y-tanoue@etrust.ne.jp  
 Tel: +81-3-5246-4531  
 Address: Grand Square Higashiueno 2F, 6-2-1, Higashiueno, Taito-ku, Tokyo 110-0015, Japan  
 URL : <http://etrust.ne.jp/>

**Fujiwara Industry Co., Ltd.**

Contact Person: Masahiko Murata / Special Advisor to CEO & In Charge of International Projects  
 E-mail: murata3388@hotmail.co.jp  
 Tel: +81-6-6586-3388  
 Address: 1-4-5, Sakaigawa, Nishi-ku, Osaka-shi, Osaka 550-0024, Japan  
 URL : <http://www.fj-i.co.jp/English/index.htm>

**Target**

-  End-users
-  Distributors





## IMPLANT Method applied by press-in technologies of the Silent Piler

Guarding human lives and properties against the threat of nature, the highly resilient infrastructures are to be constructed by the state-of-the-art IMPLANT Method with Silent Pilers under the Five Construction Principles.

The IMPLANT Method provides highly resilient infrastructures for the prevention and mitigation of natural disasters. The most appropriate pre-formed structural components are designed and pressed deep into the ground on site by various Silent Pilers. Their construction work always fulfils the Five Construction Principles, namely environmental protection, safety, speed, economy and aesthetics even under difficult site restrictions. The completed implant structure is securely supported by the earth. Consequently, it performs high resilience to strong soil movement, liquefaction and external forces like tsunamis. The Implant Method has already contributed to Japanese disaster management since 1975 and been successfully applied to over 36 countries worldwide.

**Target**

-  End-users
-  Distributors
-  Technical cooperation

**GIKEN LTD.**

Contact Person: Hisanori Yaegashi / General Manager, Construction Solutions Department  
 E-mail: yaegashi@giken.com  
 Tel: +81-3-3528-1633  
 Address: 1-3-28, Ariake, Koto-ku, Tokyo 135-0063, Japan  
 URL : <http://www.giken.com>



## Eco Circulation Stand-alone Toilet

This product can be used even in areas with inadequate infrastructure such as mountains, parks and construction sites.

This product uses solar and wind power to produce energy that can be stored in a battery, so the toilet can be used with minimal need for electricity.

**Target**

-  End-users

**Hitechs Co., Ltd.**

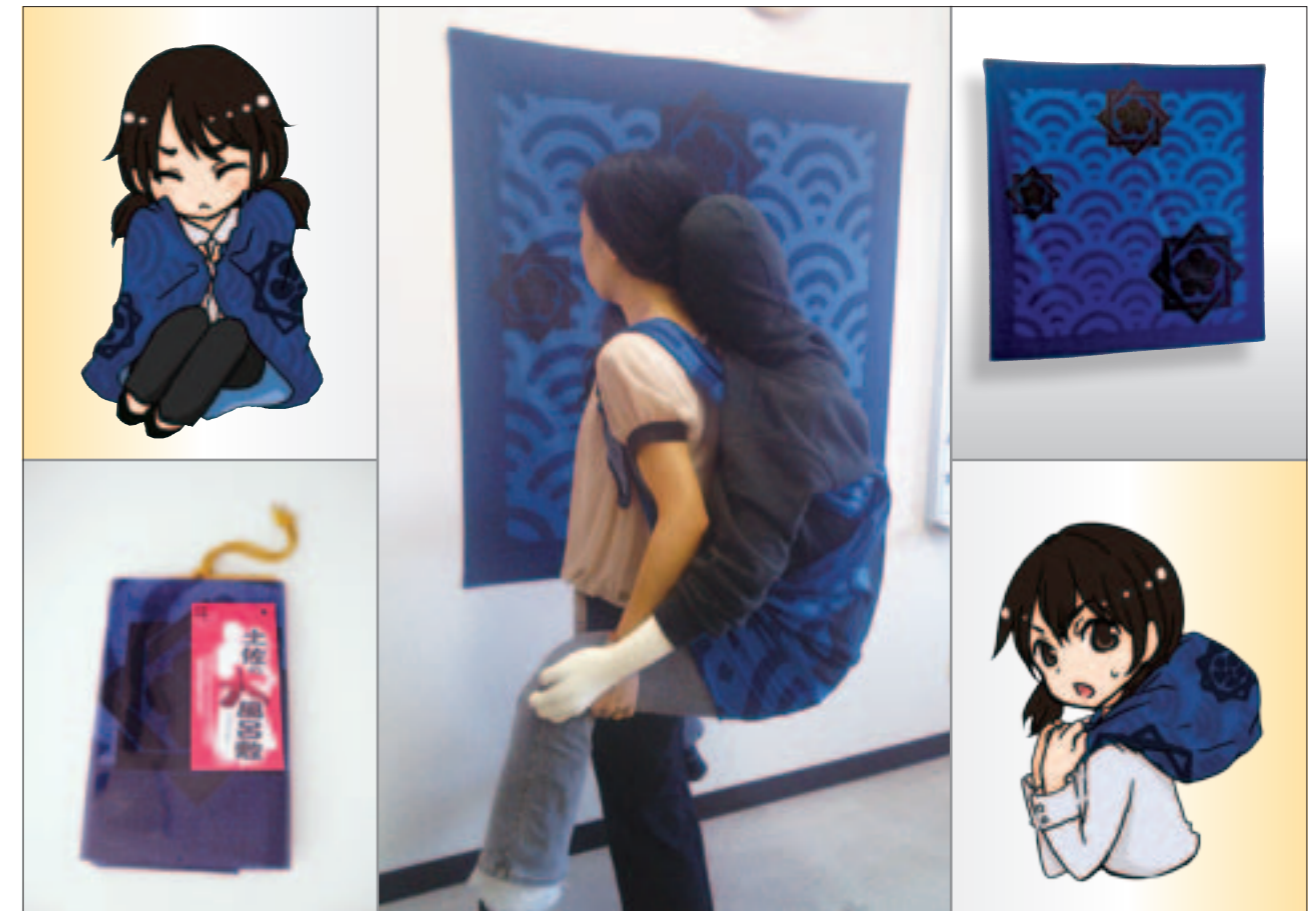
Contact Person: Yoshihi Honda / President  
 E-mail: honda@po7.canet.ne.jp  
 Tel: +81-766-53-0288  
 Address: 2818, Mitoda, Imizu-city, Toyama 939-0401, Japan  
 URL : <http://www.eco-hitechs.jp/>



## Super Mini-Mogu Sewer Pipe Crawler

Super Mini-Mogu has several features such as simple design and light weight so easy to handle. It can be operated with a single stick, and job efficiency will be increased.

- FEATURES - "Super Mini-Mogu" is a drilling & grinding sewer repair robot. It is Japanese high-efficiency sewer-pipe crawlers with unbelievable low cost!! All you must do is to set Super Mini-Mogu into the pipe channel underneath the ground. When you operate it from the operation panel outside, the robot can take care of its own tasks. You don't have to dig up the road yourself. This robot is driven by pneumatic power, and is environmentally-friendly.



## Tosa's Big Cloth Wrapper for evacuation use



This wrapper comes in extremely handy in emergencies. Just wrap up your personal belongings and evacuate. Two of these large-sized wrappers can carry an adult.

This 118-cm (46-inch) square cloth wrapper is 100% Shantung cotton and made and dyed in Japan. All four sides are hemmed for improved sturdiness. You can carry an adult of up to 80 kg (176 lbs) in weight on your back by using two of these wrappers.

**Target**

**Hokuryo Co., Ltd.**



Contact Person: Yuichi Yokoyama / Sales dept.  
E-mail: [y\\_yokoyama@kabu-hokuryo.com](mailto:y_yokoyama@kabu-hokuryo.com)  
Tel: +81-761-21-3311  
Address: I 18, Nagadamachi, Komatsu-city, Ishikawa 923-0034, Japan  
URL : <http://www.kabu-hokuryo.com/en/index.html>

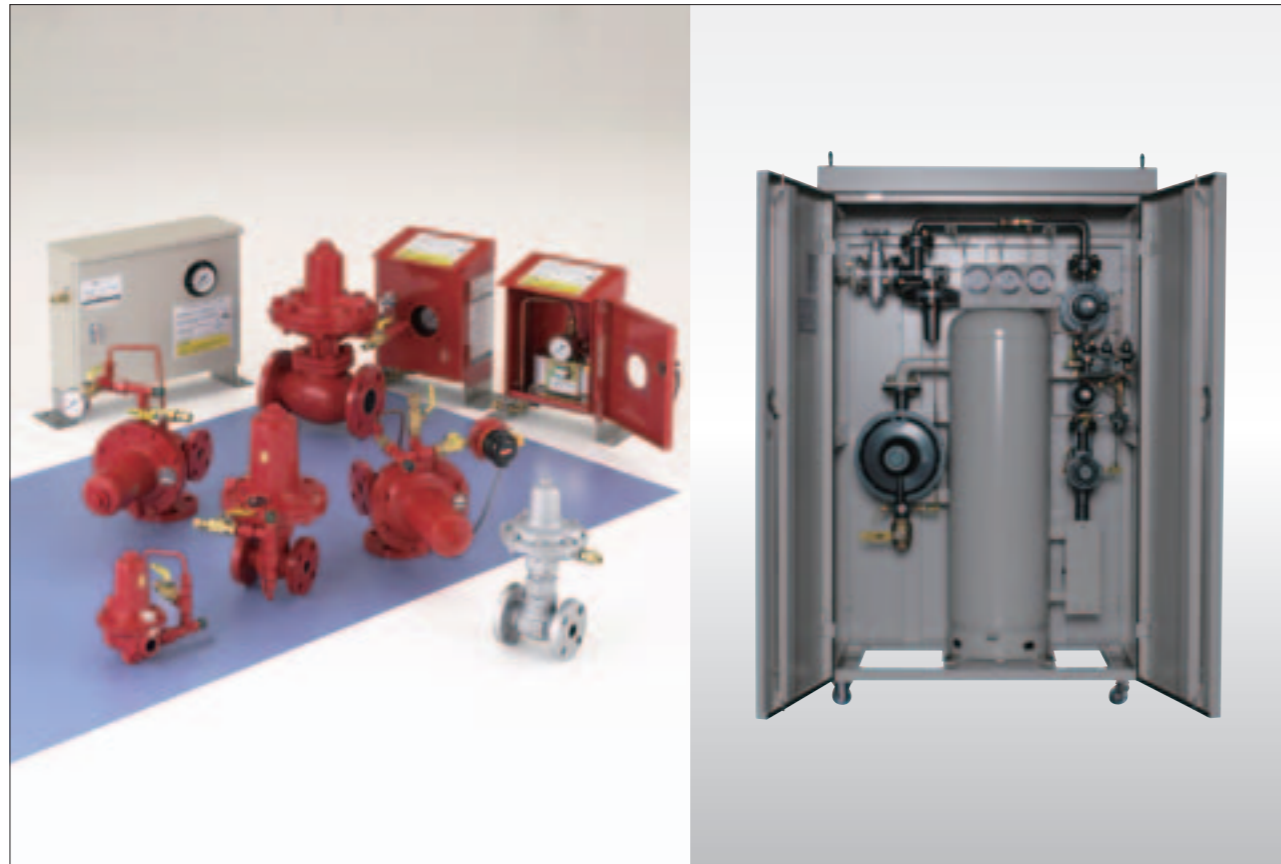
-  End-users
-  Distributors

**interest production**

Contact Person: Kyomi Tanimura  
E-mail: [interest.tani@gmail.com](mailto:interest.tani@gmail.com)  
Tel: +81-88-856-8639  
Address: 4322, Niida, Kochi-shi, Kochi 781-0112, Japan  
URL : <http://interest-pro.main.jp>

**Target**

-  End-users
-  Distributors



## Earthquake-Actuated Shut-off Valve, Transportable SNG Generator

### Innovative Gas Products for Prevention and Recovery of Disasters

The I.T.O earthquake-actuated shut-off system shuts off the gas supply to avoid fires and explosions when an earthquake occurs. It is highly valued in the market for easy maintenance and low cost because the system activates by gravity and gas pressure without electricity.

Our transportable LPG-air mixer generates synthetic natural gas to supply to city gas equipment in facilities such as hospitals and evacuation centers for temporary consumption after disasters by using locally sourced LPG. This allows normal life to continue even during emergencies and is widely prevalent in Japan because its unique mechanism doesn't require electricity minimizes costs.

#### Target

- End-users
- Distributors

#### ITO f SYSTEM Corporation

Contact Person: Sakura Iwasaki / Overseas Sales  
 E-mail: [itofsys@itokoki.co.jp](mailto:itofsys@itokoki.co.jp)  
 Tel: +81-72-983-7017  
 Address: 8-6, Shinmachi, Higashiosaka, Osaka, 579-8037 Japan  
 URL : <http://www.itokoki.co.jp/english/>



## Throwable basic fire extinguisher Toss Out

**Extinguish by throwing! Put out a fire in its first stage and secure an escape route.**

With Toss Out, the bottle breaks upon impact with a floor or wall and the solution contained within puts out the flames. By keeping it accessible, should the unthinkable happen and a fire break out, one can extinguish the flames at the early stage and ensure an escape route. The fire-extinguisher can be used on petrol, oil and textile fires. The design of the tool is a compact, red doughnut shape so does not require a specific storage space and does not look out of place in a general living area. The doughnut shape has been chosen specifically as it makes the tool easy to grab and easy to throw.

#### Target

- End-users
- Distributors

#### Japan Fire Protect, Inc

Contact Person: Osamu Tada  
 E-mail: [info@group-jfp.com](mailto:info@group-jfp.com)  
 Tel: +81-3-6434-9876  
 Address: Royal Akasaka Saloon 401, 1-5-20, Motoakasaka, Minato-ku, Tokyo 107-0051, Japan  
 URL : <http://www.group-jfp.com>



## SqC Pier Construction Method

### Emergency temporary bridge / Permanent bridge

NETIS Quasi-Recommended Technology selection method. The SqC method works in the opposite way compared with normal methods to build bridges. The first step is to build a superstructure and the second step is to build a substructure of the bridge. The method allows safe construction, shortens work periods, and reduces costs.



## Emergency Kokeshi Flashlight

The built-in LED light automatically lights up when this kokeshi doll falls down due to an earthquake.

This is a product for disaster prevention and mitigation, created by combining kokeshi, a traditional Japanese wooden doll, with a battery-powered tilt sensor and LED light. It is especially useful in a nighttime earthquake, as it automatically lights up with the power off when the kokeshi falls down. It also lights up when you pick it up and tilt it.



## Gas detector tube system, portable & fixed type gas detector

### Visible Detection of Invisible Gases

Our products are the "KITAGAWA" gas detector tube system, portable gas detector and fixed type gas detection alarm system. The gas detector tube system is an easy method for measuring gas concentration with good repeatability, and is widely used to control the safety and health in the factory workplace. Also in regards to the portable gas detector and fixed type gas detection alarm system to prevent a disaster caused by the deficiency of oxygen, industrial poisoning, and explosion hazard, our product range uses the gas detection principle of Galvanic cell type, Chronoamperometry type, Catalytic combustion type, and Non-Dispersive Infrared type.

**Target**

**KOMYO RIKAGAKU KOGYO K.K.**

Contact Person: Koji Yoshino / Export Group

E-mail: [yoshino@komyokk.co.jp](mailto:yoshino@komyokk.co.jp)

Tel: +81-44-833-8911

Address: 1-8-28, Shimonoge, Takatsu-ku, Kawasaki-city, Kanagawa 213-0006, Japan

URL : <http://www.komyokk.co.jp/english/>

End-users

Distributors



## ECO Kosumosu Toilet

### A cardboard toilet that is light, durable, and compact

The ECO Kosumosu Toilet is an eco-friendly toilet made of cardboard that is light and easy to assemble and disassemble, so reuse is possible. It does not require much space for storage and is convenient to carry around. It comes with a coagulating agent, so no water is necessary and it is hygienic to use.

**Target**

**Kosumosu Kogyo Co., Ltd.**

Contact Person: Takayuki Ozawa / New Business Manager

E-mail: [t-ozawa@kosumosu.jp](mailto:t-ozawa@kosumosu.jp)

Tel: +81-266-72-7145

Address: 2756-1, Kanazawa, Chino-shi, Nagano 391-0012, Japan

URL : <http://www.kosumosu.jp>

Distributors



## Crime Prevention System Utilizing a Screen Code

This product is a crime prevention system in which it is possible to load a large quantity of information, and it uses a screen code so that data cannot be copied.

We developed and received a patent for a high-level crime prevention system that does not allow copying. Not only is there an overwhelming difference in the amount of data that can be loaded when compared with barcodes or QR codes, but because space for codes on printed materials is not necessary, the presence of the code is not visible to the eye, making copying impossible. This product has also been certified by the government of China.

Target

### Kyonan Seiki Co., Ltd.

Contact Person: Tsuyoshi Kawaguchi / President

E-mail: kawaguchi@kyonanseiki.co.jp

Tel: +81-55-278-5000

Address: 2961-1, Yamanokami, Chuo-shi, Yamanashi 409-3845, Japan

URL : <http://www.kyonanseiki.co.jp>



End-users



Distributors



## Puracon Rice

A first in the industry! Designed for patients with diabetes or renal disorders, this is the first emergency food product that has zero proteins or fats.

Patients with diabetes or renal disorders have dietary limitations concerning protein and fat intake, but until now, there has been a lack of focus on emergency foods for these patients. Our company has created a product with zero proteins or fats, so patients can safely enjoy eating it with peace of mind. Furthermore, because it contains a high amount of dietary fiber, it is also recommended for persons who are suffering from constipation due to the stress of living in an evacuation shelter, etc.

### LIFE CREATION Co., Ltd.

Contact Person: Hironori Mukojima / Disaster Prevention Department

E-mail: mukojima@e-lifecreation.co.jp

Tel: +81-52-228-9888

Address: 1-1-27-507, Izumi, Higashi-ku, Nagoya, Aichi 461-0001, Japan

URL : <http://www.e-lifecreation.co.jp>

Target

Distributors



## Super Disaster Reduction and Self-Help Map

Raising the standards for disaster prevention in the local community and international cooperation through improvements in evacuation literacy (the knowledge and ability to survive a disaster)!

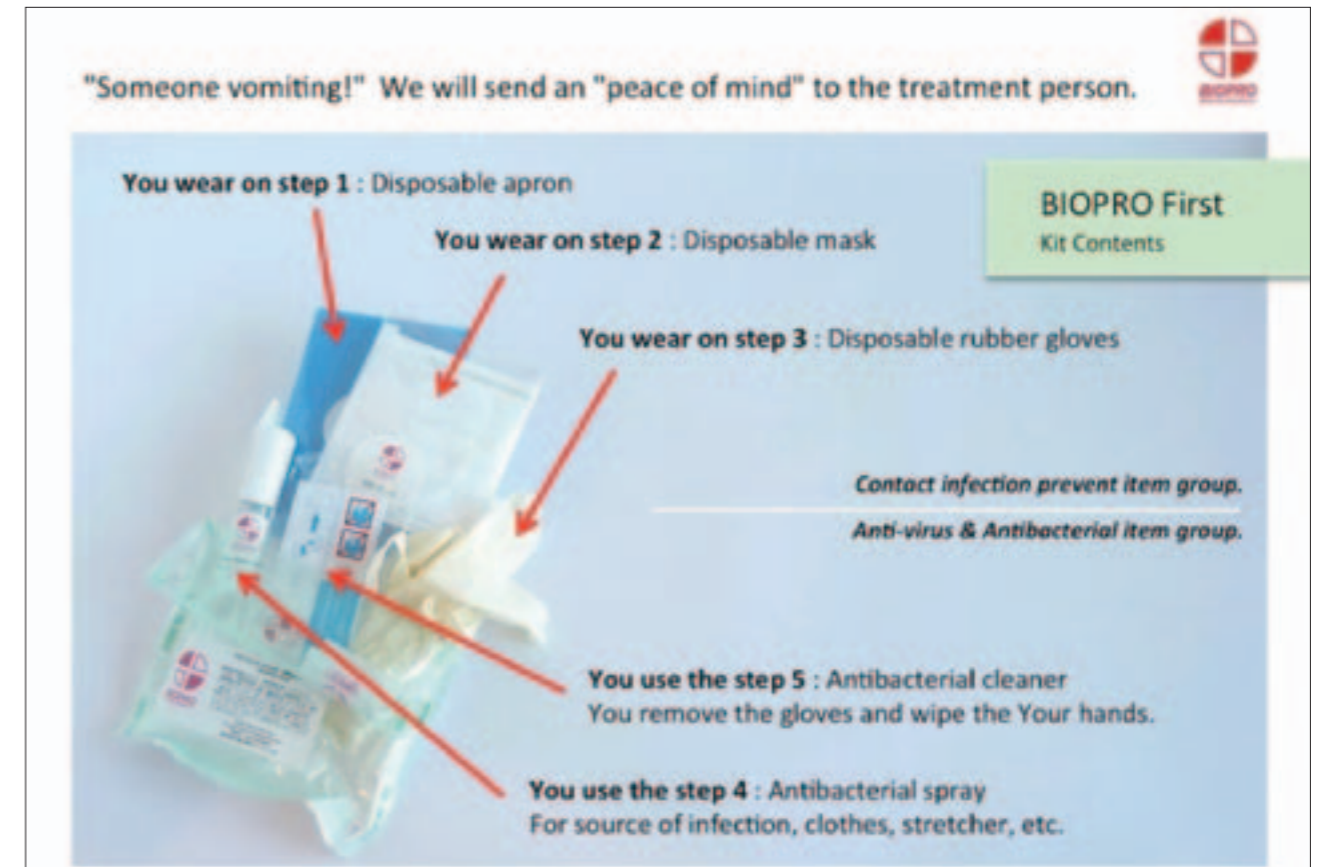
This disaster prevention map utilizes a patented housing map that displays each house/building number in the area, as well as elevation tints and disaster prevention information such as tsunami and landslide evacuation locations. Thus, because the current location and elevation of the user can be known, the program can confirm evacuation routes and can learn as the user reflexively tries to evacuate, as the program is able to create an efficient "mind behavior map." Many municipalities have incorporated the technology, and it has also been presented to East Japan Railway Company (JR East). This map was selected to receive an award for being a successful non-governmental program in the Japanese government's initiative to build national resilience.

**Target**

-  End-users
-  Distributors
-  Technical cooperation
-  Joint venture

**LIFE MAP Co., Ltd.**

Contact Person: Kenji Nishiishigaki / President  
 E-mail: [seisaku@lifemap.co.jp](mailto:seisaku@lifemap.co.jp)  
 Tel: +81-98-943-0095  
 Address: 1-29-8-802, Minatogawa, Urasoe-shi, Okinawa 901-2134, Japan  
 URL : <http://www.lifemap.co.jp/>



## Infection protection kit BIOPRO

A series of kit products for protection against infectious diseases. It is user-friendly, casual looking and not high profile, but effectively protects caregivers from infection.

This brand represents a series of kit products that protect against infection and are usable according to the situation by anyone even without expertise. A kit to protect the first caregiver on the scene where someone has "vomited" or "collapsed"; another to prevent insect bite infection while camping or outdoors; and still another to prevent secondary infection from dead bodies in a disaster are available. Each storable kit contains a non-chlorine antimicrobial solution made with patented cereal extract liquid.\*The BIOPRO brand covers products fit for protection against secondary infection under the guidance of doctors and experts, but using this product will not always prevent secondary infection.

**Target**

Distributors 

**makotoya.Co.,Ltd.**

Contact Person: Rie Mihara / CEO  
 E-mail: [biopro.kit@gmail.com](mailto:biopro.kit@gmail.com)  
 Tel: +81-3-6457-1465  
 Address: 2-7-4-1118, Aomi, Koto-ku, Tokyo 135-0064, Japan  
 URL : <http://www.biopro-kit.com>



## Just throw to extinguish! Magic Extinguisher Ball

Easily usable by anyone. No training required. Helps you fight early-stage fire and secure the way out. It is also effective against gasoline-related fire.

Environment-friendly raw materials are used to make the product harmless to humans and farm animals. The product is in the shape of a ball, because a ball shape is the easiest to throw. The ball breaks on impact and the contained agents scatter and react with the heat of the fire to produce carbon dioxide and ammonia gas, which shuts off oxygen, cools down burning materials, and further prevents re-ignition or spread of fire by the effect of the wetting agents.

**Target**

**Medi-Plan.Co.Ltd**



Contact Person: Yoshiyuki Katsuraku / President

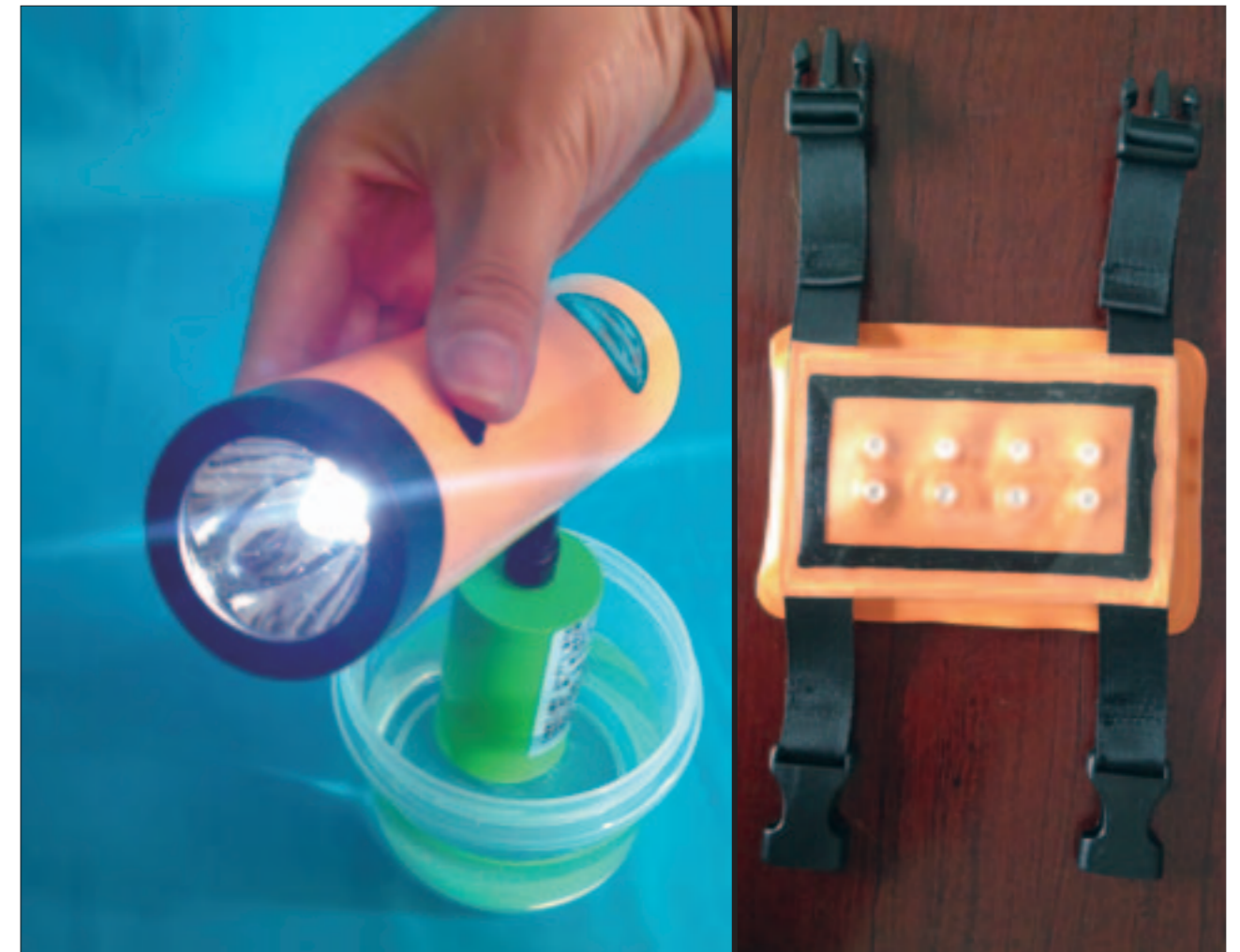
E-mail: katsuraku@medi-plan.jp

Tel: +81-86-270-0707, +81-80-1636-7187

Address: 68-1, Nishigawara, Naka-ku, Okayama-city, Okayama 703-8258, Japan

URL : <http://www.medi-plan.jp>

-  End-users
-  Distributors



## Power is generated by dipping the flashlight battery end into the water

It will not light up in moist environments such as during rain but when dipped into water, power will be generated and the salvage light will start flashing.

Generating power with water absorption for 5-10 seconds. HaKuYo Water Battery application product

**Target**

**MISHIMA DENSHI CO.,LTD.**

Contact Person: Toshikatsu Dannoura

E-mail: dannoura@w2.dion.ne.jp

Tel: +81-3-3293-4791

Address: Yamashiro-No.3-Bldg.6F, 3-6, Kandnishiki-cho Chiyoda-ku, Tokyo 101-0054, Japan

URL : <http://www.mishima-denshi.jp> <http://www.mishima-jp.com>

-  End-users
-  Distributors





## Fire extinguisher ball

### Fire Fighter Higo

When you throw this fire extinguisher ball to the floor or wall near to where there is a fire, its outer cover breaks and the extinguishing agent immediately evaporates, removing heat and oxygen, to extinguish the fire. Easy to use: Just throw it towards the fire! No difficult operation is required. Economical: Unlike a fire extinguisher, the cost of extinguishing agent refill can be saved. As the agent is contained in a light-weight ball, it can be used by children and seniors alike. The agent is not harmful to the human body.



## Drinking Water Treatment Apparatus for Emergencies and Disasters NP-II, ERO-40CN

Identification of components of water sources during emergencies and disasters is difficult. The products are developed to change such water to drinking water by removing even ion level components dissolved in water by the high technology of Reverse Osmosis Membrane.

The products are equipped with pretreatment filters and the reverse osmosis membrane to enable removal of even dioxin, environmental hormones, ionic compounds and heavy metals, trihalomethane, salts, inorganic salts, etc., which cannot be removed by traditional treatment methods using active carbon and hollow fiber membranes. High technology of reverse osmosis installed in compact size enables the supply of drinking water from water sources in emergencies and disasters.

**Target**

- End-users
- Distributors
- Technical cooperation

**Nakamura Shobokagaku Co., Ltd.**

Contact Person: Tetsuo Chuto / Director  
 E-mail: chuto@n-fc.com  
 Tel: +81-957-52-1617  
 Address: 1933, Hiramachi, Omura-city, Nagasaki 856-0042, Japan  
 URL : <http://www.n-fc.com>

**Target**

- End-users
- Distributors
- Joint venture

**Nihon Pure Water, Inc., Tokyo Office**

Contact Person: Mitsunori Yamazumi / Overseas Division  
 E-mail: m-yamazumi@purwater.jp  
 Tel: +81-3-5255-3227  
 Address: Sanukin Bldg 3F, 1-7-10, Nihonbashi-Honcho, Chuo-ku, Tokyo 103-0023, Japan  
 URL : <http://www.purwater.jp>



## Shelter Step

A stairway for evacuation purposes can be installed under a wide variety of conditions and for many angles of slopes.

1. The ground surface does not need to be scraped away in order to install the steps.
2. It can be installed even on steep slopes.
3. Various types of stakes used for installation can be selected according to the ground and mountain conditions.
4. It can be installed even on bedrock surfaces.
5. Specially designed handrails can also be installed.



## Elastic bollard for evacuation guidance at night L-Bollard

Similar to conventional bollards used for traffic safety, this product can be placed on sidewalks, parking facilities, etc. in order to prevent cars from entering. Furthermore, it is equipped with footlights that can act as evacuation guidance lights at night, even in cases of blackouts due to earthquakes, etc.

1. Made of rubber to ensure safety if pedestrians or bicycles run into it
2. Is equipped with a footlight that can provide continuous light at night or during blackouts due to earthquakes, etc.
3. Bluish-green LED lights were selected for the safety of persons with color blindness, and contains an eco-friendly solar photovoltaic unit
4. This product is made from recycled tires (coated with retroreflective material)
5. Can be equipped with an IC tag to make it possible to obtain disaster information (can be read by NFC smartphones)

**Target**

- End-users
- Distributors
- Technical cooperation

**Nishinomiya Industry Co., Ltd.**

Contact Person: Tatsuya Toda / Sales Department  
E-mail: toda@nm-sg.com  
Tel: +81-88-856-5080  
Address: 1-1-11, Ikkunakamachi, Kochi-city, Kochi 781-8134, Japan  
URL : <http://www.nm-sg.com>

**NISSHIN RUBBER CO., LTD Technology Development Center**

Contact Person: Akihiko Wake / Business Environment Dep. Engineering Development Center Director  
E-mail: a-wake@nisshinrubber.co.jp  
Tel: +81-86-724-5666  
Address: 120-40, Mitsutakazu, Kita-ku, Okayama-city, Okayama 709-2124, Japan  
URL : <http://www.nisshinrubber.co.jp/>

**Target**

- End-users
- Distributors



## Disaster Prevention Glove for Firemen

### Aramid Fiber & Heat Resistant Leather Glove

Aramid Fiber & Heat Resistant Leather Material with Hard Cup Protector on Knuckle.

#### OKUMA CORPORATION

Contact Person: Eiji Okuma / Sales Department

E-mail: head@okuma-co.co.jp

Tel: +81-87-882-8206

Address: 415-6, Kozaiminamimachi, Takamatsu-shi, Kagawa 761-8014, Japan

URL : <http://www.okuma-co.co.jp/>



## Kizuna

### Safety confirmation and mutual aid support application for use in times of earthquakes

This is a smartphone application jointly developed in conjunction with the Kobe Institute of Computing; Graduate School of Information Technology. When an earthquake with a seismic intensity of 5 or greater occurs, the application instantly sends a message confirming the safety of the user. Using a simple user-friendly screen, users can select whether they are safe or are in need of help, and can easily share this information with others. Furthermore, by notifying friends in need of help that you are going to travel to their locations to assist them, other friends can know the status of members in the group, and thus safety confirmation and rescue efforts can be made efficiently.

#### Rexvirt Communications Inc.

Contact Person: Hidekazu Tanaka / CEO

E-mail: tanaka@rexvirt.com Tel: +81-3-5577-5438

Address: R kanda Awajicho Building, 6F, 2-4-4, Awaji-cho, Kanda, Chiyoda-ku, Tokyo 101-0063, Japan

URL : <http://www.rexvirt.com>



## Fire Alarm Communicator (FAC)

### Emergency Hotline System to Fire Dept. and Administrative Organ.

Simplified call operation facilitates quick emergency response measures. User information (address and name) is pre-recorded for emergency calling to Fire Dept. and Administrative Organ. Moreover, there is flexibility in system enhancement by additional telephone terminals.

Target

#### SAXA, Inc.

Contact Person: Yutaka Wakai / Overseas Operations Div.

E-mail: wakai.y@saxa.co.jp

Tel: +81-3-5791-5550

Address: NBF Platinum Tower, 1-17-3, Shirokane, Minato-Ku, Tokyo 108-8050, Japan

URL : <http://www.saxa.co.jp>

Distributors



## Antiallergic Emergency Bread for 27 Items Made from 100% Rice Flour

This is the first antiallergic emergency bread that is made from 100% rice flour (best-before date of one year).

After the Great East Japan Earthquake, children in the areas affected by the earthquake who had allergies complained of having nothing to eat; therefore we developed the world's first antiallergic emergency bread for 27 items made from 100% rice flour. This product can be used in times of disaster or in daily life for people who have dietary restrictions due to allergies.

#### Slow Food Factory Nagasaki Aguri Hill

Contact Person: Naotaka Nishijima / President

E-mail: [treasure@mopera.net](mailto:treasure@mopera.net)

Tel: +81-95-826-5354

Address: 2671-1, Yotsuemachi, Nagasaki-shi, Nagasaki 851-1123, Japan

URL : <http://www.e-barger.com>

Target

End-users

Distributors

Technical cooperation

Joint venture



## CUBIC SIGN for Emergency

**This product is the world's first cubic sign for on-site medical triage use in emergencies and disasters (four-color set)!**

This cubic sign for on-site medical triage use in emergencies and disasters has superior visibility from any direction due to its colors and size. Because it is made from lightweight fabric, it will not cause injury even if it is accidentally run into. It was designed with female nurses in mind, so it is easy to set up, is lightweight (3 kg), and can be carried in a shoulder bag. It is an inside lighting type sign during the night and options with illumination and printed messages are also possible. (Patented product)

Target

### Tamagawa Craft Inc.

Contact Person: Shingo Suitsu / Disaster Prevention Department  
E-mail: suitsu@tamagawacraft.com  
Tel: +81-42-370-7555  
Address: 593-4, Oshitate, Inagi-city, Tokyo 206-0811, Japan  
URL : <http://www.tamagawacraft.com>

End-users

Distributors



## AlaClean Turbo

**The first ozone-sterilizing device using ozone instead of chemicals such as alcohol, chloride, or formalin**

The effects of ozone are determined by the concentration (C) × time (T). This product is the only ozone generator in which setting and control of CT is possible. It is used by fire departments around Japan such as the Tokyo Fire Department, as well as by the Japan Self-Defense Forces. Ozone gas has superior permeability and diffusibility and can be used with precision equipment, etc. that uses non-heat-resistant or non-water-resistant materials. This product does not have the problems that are seen in the case of drugs such as stockpiling, procurement, environmental pollution, etc.

Target

### Tamura Teco Co., Ltd.

Contact Person: Tsuneaki Shimizu / General Affairs Department  
E-mail: shimizu@teco.co.jp  
Tel: +81-6-4309-1350  
Address: 2-1-27, Nagatahigashi, Higashiosaka-city, Osaka 577-0012, Japan  
URL : <http://www.teco.co.jp>

Distributors



## Inherent Flame Retardant Meta-Aramid Fiber

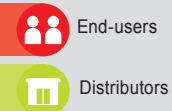
**Teijinconex® based fabric will protect your life from heat and fire risk, when used as workwear or uniform for industrial workers.**

Teijinconex® is a meta-aramid fiber with excellent flame-proofing and heat-resistance properties. It is a highly functional fiber that can be used for both heat- and flame-retardant clothing. It will not catch fire through exposure to direct flame or heat, and it neither burns nor melts, which means it cannot stick to your skin and is less likely to carbonize. By using fabrics made from para-aramid fibers such as Technora® and Twaron® that have been developed from Teijinconex®, we have been able to achieve even further improvements in performance, providing safety, peace of mind, and comfort to wearers.

**Target**

**Teijin Limited**

Contact Person: Kenji Yoshihara / Safety Solution Department  
E-mail: ke.yoshihara@teijin.co.jp  
Tel: +81-3-3506-4823  
Address: Common Gate W. 29F, 3-2-1, Kasumigaseki, Chiyoda-ku, Tokyo 100-8585, Japan  
URL : <http://www.teijin.co.jp>



## Portable Fire Pump

**Reliable and Efficient Fire Protection**

Tohatsu has been involved in manufacturing and distributing various types of machinery products with engines for more than 75 years. Portable fire pumps are one of our most successful products. The unique combination of originally developed petrol engines and pump bodies has brought excellent efficiency to emergency fire services, which has made us the leading manufacturer of portable fire pumps throughout the world. Feature of TOHATSU Pumps "Lightweight and Compact" "Durability" "High Performance." These are the advantages of Tohatsu pumps compared to others on the market.

**Target**

**TOHATSU Corporation**

Contact Person: Yusaku Hodota / Fire Protection Sales Dept.  
E-mail: bousaix@tohatsu.co.jp  
Tel: +81-3-3966-3137  
Address: 3-5-4, Azusawa, Itabashi-Ku, Tokyo 174-0051, Japan  
URL : <http://www.tohatsu.co.jp/en>





## TOP Portable Rescue RO Sterile Pure Water System for Use during Times of Disaster

Even when lifelines are stopped during disasters, nearby water sources such as ponds, wells, pools, or rivers can be used to produce safe drinking water.

1. This technology employs a reverse osmosis (RO) filter system that can remove 90-99% of impurities from raw water. 2. It is equipped with a closed pressure-controlled water supply tank that can stock up to 50 liters of safe drinking water. 3. Large casters and handles on the rear side allow for easy transport even during disasters. 4. The body is completely made of stainless steel, and is highly durable, water resistant, and sanitary. 5. It is equipped with a self-priming pump; thus water can be pumped directly from a local water source. 6. The sterility of the drinking water is maintained through use of an ultraviolet sterilization lamp.

### TOP WATER SYSTEMS CO., LTD.

Contact Person: Ryutaro Takeda / CEO

E-mail: info@top-water.co.jp

Tel: +81-3-6715-1902

Address: Techno Front Morigasaki 202, 4-6-15, Omoriminami, Ota-ku, Tokyo 143-0013, Japan

URL : <http://www.top-water.co.jp>



## Search Life AK-20 / Diver Guard AQ-50S

Search Life is a 180-degree wide-angle camera and supersensitive microphone allowing for the detection of survivors in need of help.

Diver Guard allows voice instructions and communication from a ship to a diver who is underwater.

(Search Life)

- Is equipped with a 180-degree wide-angle camera. A wide view can be seen without the need to move the camera head.
- The pole and control box are water resistant, and can be used in the rain or in other bad weather conditions.

(Diver Guard)

- Voice instructions or sirens can be used to give signals to divers underwater.
- The underwater speaker transmits sounds up to a range of 100-300 meters.
- It is perfect for use in diving training, underwater searches, and security!

### UETAX Corporation

Contact Person: Masaharu Ueki / Sales department

E-mail: info@uetax.co.jp

Tel: +81-25-525-9666

Address: 83-8, Iwaki, Joetsu-city, Niigata 943-0814, Japan

URL : <http://www.uetax.co.jp>



## Flooding Alarm Device

This product is a water level alarm system that can monitor floods and rising water levels. It can be efficiently operated even with a management system of few people.

This water level detection sensor is designed to work smoothly even after years of changes such as mud and rust. Sensor-based systems equipped with this automatic-control water level alarm device of Unimation System Inc. can prevent mistakes due to human error and judgment variation due to subjectivity when determining flooding conditions. Installation of this device allows a management team of only a few people to efficiently monitor comparatively wide areas such as roads, buildings, apartment complexes, nursing care facilities, hospitals, underground shopping areas, parking facilities, water reservoirs, etc.

Target

### Unimation System Inc.

Contact Person: Yukihiro Ito  
E-mail: info-desk@unimation.co.jp Tel: +81-45-751-5755  
Address: Negishi-ekimae building 2-G, 11-8, Nishicho, Isoko-ku, Yokohama, Kanagawa  
235-0007, Japan  
URL : <http://www.unimation.co.jp>

Distributors



## Rechargeable LED Light HOTARU

This product can be turned on anywhere and can be used continuously for 11 hours. It is designed to be drip-proof, compact, and light, and utilizes an original battery that has little discharge.

The rechargeable LED light HOTARU is suitable as an emergency stockpile device because it can be turned on quickly. Based on nanocarbon research that has been continuing for 10 years, this product is equipped with a highly safe battery pack that produces little internal heat even when overcharged or when the battery is damaged; thus there is little risk of causing fires. It has slight self-discharging properties, and has a three-times longer charge/discharge cycle when compared with lithium ion batteries. It functions adequately at -31 to +65 degrees C because it is designed to work in cold/hot environments.

Target

### UNIQUE Co., Ltd.

Contact Person: Osamu Kato  
E-mail: idea@unique-office.com  
Tel: +81-25-201-7441  
Address: Terao city7, 2-4-46, Teraodai, Nishi-ku, Niigata-city, Niigata 950-2063, Japan  
URL : <http://unique-office.com>

End-users





## Rotary Percussion Drill Model: LRP Series

### Exclusively for slope anchoring/drainage works

As Japan is a country frequently affected by natural disasters, our rotary percussion drill is actively used at the site of preparation against disasters, as it improves the drilling rate and enables efficient work activities. Its main features are: 1. High-speed drilling capability, among the highest in the class (Its rotation and hammering power help make a shorter work period possible.) 2. Light weight (It is easy to set up, which reduces the cost of the scaffolding required for setup.) 3. Double pipe drilling (The outer casing and inner rod are simultaneously used for excavation, which reduces the number of man-hours.)



## Fire Hydrant/Fire Hose



### We significantly improved the wear resistance for our fire hoses under researching for the difficult conditions set by fire brigades.

We produce significantly higher-grade hoses that has superior durability and wear resistance after researching the tough conditions for fire brigades. Fire brigades highly evaluate this hose that has 10 colour varieties and is maneuverable. With regard to the cabinet hoses, it is durable, easy operation to use and resistance to aging so that any person can use in case of emergency.

**Target**

**YBM Co., Ltd.**

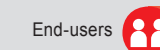
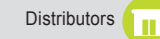
Contact Person: Ryosuke Hirota / International Sales & Engineering Dept.  
E-mail: rhirota@ybm.jp Tel: +81-3-6280-4789  
Address: Yaesu Dai-san Nagaoka Bldg. 2F, 3-22-11, Hatchobori, Chuo-ku, Tokyo  
104-0032, Japan  
URL : <http://www.ybm.jp/index-e.html>

-  End-users
-  Distributors

**YOKOI MANUFACTURING LTD.**

Contact Person: Hiromi Hashimoto / General Affairs Department  
E-mail: overseas@yokoi.co.jp  
Tel: +81-3-3537-2021  
Address: Image Bldg. 9F, 1-8-9, Shintomi, Chuo-ku, Tokyo 104-0041, Japan  
URL : <http://www.yokoi.co.jp>

**Target**

-  End-users
-  Distributors
-  Technical cooperation



## Telescopic mast system

### Yuasa quality - Taking the world by storm Original telescopic mast systems

Featuring application of our impressive hydraulic technology, we have developed hydraulic telescopic mast systems that are faster than pneumatic masts and because position control is stable, they are widely used in vehicles in multiple fields. They are widely used in television broadcasting vans, for floodlighting in fire engines, and emergency-use communications base stations. Operation and maintenance is easy, and we offer a rich range of parts and options tailored to match customer needs.

Target

#### YUASA CO., LTD TOKYO BRANCH

Contact Person: Masashi Naito

E-mail: [naitom@yuasakk.co.jp](mailto:naitom@yuasakk.co.jp)

Tel: +81-3-3578-8515

Address: 5-7-10, Shinbashi, Minato-ku, Tokyo 105-0004, Japan

URL : <http://www.yuasakk.co.jp>

Distributors

## Disaster Prevention Equipment from JAPAN

Published by

Japan External Trade Organization (JETRO)

Manufacturing and Environment Industry Planning Division

Manufacturing and Environment Industry Department

Ark Mori Building, 6F 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6006 Japan

<http://www.jetro.go.jp/>

Disclaimer: JETRO does not assume any responsibility for the content provided by companies listed in the directory. It is the sole responsibility of directory users to determine the reliability/accuracy of such content.

This directory is based on the contents as of March, 2015.

**JETRO**

Japan External Trade Organization