



LEADING SAFETY 東京
世界一安全・安心な都市

2015

Advanced disaster prevention technology support project



Product introduction

First Term
2015.10.1 - 2016.9.30

Tokyo SME Support Center

① Prevention

Challenge Co., Ltd.

Earthquake Early Warning System "EQGuard II"

Gives a quick response of epicentral earthquake in the capital city by alert alarm.

EQ GuardII will tell you about seismic intensity and postponement time before big shaking comes.
① It will issue a alarm seismic intensity and postponements using epicentral information by Japan Meteorological Agency.

② It will tell you know by alarm when it catches primary wave with build in intensity meter.
③ It will tell you about the outbreak of the giant earthquake by a picture and sound.
It will give you a evacuation notice by alarm, in case of the epicentral earthquake. please use it to prepare for a epicentral earthquake in the capital city.



■ Company Profile

Challenge Co., Ltd.
Location Livara Shinokachimachi 4F, 2-14-4, Kojima, Taio-ku, Tokyo
URL <http://www.challengego.co.jp/>

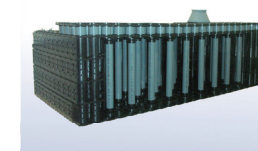
① Prevention

Totetsu Mfg. Co., Ltd

The materials for the underground rain water storage tank "Aqua Palace"

Underground rain water storage prevents flooding and secure water at the time of an emergency.

Aqua palace made from plastic material which is reasonable prices and durable.
It will prevent flooding with the spread of these products and contribute to securing of emergency water which is necessary at the time of disaster.
In addition, it will enable exploitation of resources of rainwater using various sizes of tanks will be helpful to solve the problem of the shortage of water.



■ Company Profile

Totetsu Mfg. Co., Ltd
Location 5-6-11, Otsaki, Shinagawa-ku, Tokyo
URL <http://www.totetsu.com>

① Prevention

PORT DENSHI CO., Ltd

Portable Hammering test method system "PDC-100"

By knocking installed hammer, it will check and analyze the sounds immediately to let you know there is cracking, splitting and flaking.

Very compact size which can fit in the work uniform pocket. It will show the analyze result by buzzer sounds and LED display. You can set a coordinate level of the RB(X,Y).
It can connect to the PC/tablet (windows) with USB cable and can observe a wave pattern, frequency wave pattern and sound pressure.
Built-in SD memory can save the data and send out a CVS file to a PC by connection.
It can analyze the sizes of cracking, splitting, and flaking up to 40mm~50mm depth and diameter 100mm ~ 300mm.



■ Company Profile

PORT DENSHI CO., Ltd
Location Kikkou Bld. 1F, 5-8-2, Miyashicho, Fuchu-shi, Tokyo
URL <http://www.port-d.co.jp>

② Prevention of damage expansion

SUGIMOTO EL., CO., LTD.

Occurrence fire by earthquake "Electric Shock Prevention outlet"

Controls the outbreak of the electrical fire at the time of the large -scale earthquake

• Electric Shock Proof
Automatically shuts off the circuit to prevent a fire when the device detects seismic intensity of an upper 5 equivalency.
• Thermosensitive Function
Automatically shuts off the circuit within 3 min, to prevent a fire when the outlet temperature reaches 70-105 degrees Celsius.



■ Company Profile

SUGIMOTO EL., CO., LTD.
Location 1-17-8, Togoshi, Shinagawa-ku, Tokyo
URL <http://www.port-d.co.jp>

⑤ Prevention of damage expansion

TIES CO., LTD.

Complete absorption-type Dryer "Kurena"

The complete absorption-type hand dryer that does not drop or spray water.

One of the causes of infection and diseases is spray or drops of water using hand dryers after washing hands.
In 2003, the National Institute of Infection Diseases announced to prohibit the use of hand dryers during influenza season. This complete-type dryer that won't spray or drop water is expected to be used as good hygiene, such as in evacuate site where there is fear of secondary infection.



■ Company Profile
TIES CO., LTD.
Location Daichichuo Bld 5F, 4-14-7, Hatchobori, Chuo-ku, Tokyo
URL <http://www.port-d.co.jp>

⑤ Prevention of damage expansion

TANIZAWA SEISAKUSHO, LTD.

Helmet for disaster prevention "Crubo"

An ordinary helmet that is compact and the best choice helmet for disaster prevention.

Our company answered customer's complaints, "It was awkward that the helmet for disaster prevention was bulky and hard to store."
① Easy to store and comes with a storage case.
The case is only A4 size paper, so you can store in a drawer or chest easily.
② Became compact size.
Use it not only for falling objects but it also officially approved for crash protection and can be used at constriction site.
③ Able to use from child to adult.
It support head size from 47 to 62 Cm with a flexible headband.



■ Company Profile
TANIZAWA SEISAKUSHO, LTD.
Location Kinshi Bld, 2-8-1, Shintomi, Chuo-ku, Tokyo
URL <http://www.tanizawa.co.jp/>

⑤ Prevention of damage expansion

Hikariresin Industry Co., Ltd.

Disaster prevention lifesaving shelter "CL-HIKARI"

Small lifesaving shelter to protect each household during disaster.

This small lifesaving shelter can be installed in each home or facility so you can evacuate at the time of disaster promptly.
The shelter has a unique function which is called "inside swing function(patented)"the hatch can be opened on the upper side during a water disaster allowing easy rescuer of the survivor.
when the survivor is unconscious inside the shelter, the hatch can be opened not only from the inside but also be opened from the outside so the rescuer party is able to save them. Also the surface color is orange which is highly visible.



■ Company Profile
Hikariresin Industry Co., Ltd.
Location 4-10-23, Hinochocho, Hino-shi, Tokyo
URL <http://www.shelter-hikari.com/>

⑤ Prevention of damage expansion

PLUM SYSEMS, Inc.

The safety device for the worker under noisy circumstances "Woodpecker hammer"

This hammer will let you know the urgent information by rumbling.

It will pick up unusual physical movement such as a fall, slipping down, a fallen tree and will let the worker know by the radio.
• It will sent SOS automatically
• It has a built in shock sensor and specified low power radio system (no license require)



■ Company Profile
PLUM SYSEMS, Inc.
Location Lions Garden-takahatafudou302, 370-1, Arai, Hino-shi, Tokyo
URL <http://www.plum-syst.com/>

⑤ Smooth evacuation

RC Solution Co., Ltd.

Emergency Earthquake alert notification apps "Yurekuru Call"

The Apps will let you know immediately outbreak of earthquake alert by notification and count down system.

The apps called "Yurekuru call" is the emergency earthquake alert notification. In case of an earthquake occurrence, it will notify you of estimate seismic intensity and arrival time where the user can set point. Not only are you able to know when it will shake but you can also confirm estimated seismic intensity of each place on a map. Also you can see the past information such as the detailed information of the most recent 10 earthquakes. It is the latest version of this apps, it will link with twitter and help disaster prevention. In addition, comics "Yurekuru Yugekita!" will be available to be able to learn disaster prevention knowledge such as "Furniture Falling Prevention" provide by the Tokyo Fire Department.



■ Company Profile
RC Solution Co., Ltd.
Location Souei Bld 3F, 8-14-21, Nishi-Shinjuku, Shinjuku-ku, Tokyo
URL <http://www.rcss.co.jp>

⑤ Smooth evacuation

TCI CO., LTD

Office Furniture overturning prevention device "Antigal Glide"

To prevent furniture and shelves from falling, it will stay secured to allow quick evacuation.

This new device is easy to install to office furniture or showcases without mounting to walls or ceilings.
Just install this device to reduce the risk of collapsing or falling so that it will provide quick evacuation.



■ Company Profile
TCI CO., LTD
Location 1-19-1, Horikawabashi, Ohta-ku, Tokyo
URL <http://www.tci-net.co.jp/>

⑤ Smooth evacuation

FIELD SYSTEM Inc.

The Sound Communication technology for the disaster reporting system "sound Cord"

The system will contribute to the revival time of a disaster by sing the AM broadcasting system.

It performs sound communication by sound cord using AM broadcasting with a large reception area that provides urgent information during a disaster.
By apps for smartphones, it displays the status, safety and lifeline information of the disaster area. This apps utilizes sound to provide the information.
Also letters are available for those customers with hearing loss who are not able to listen to the urgent information by broadcasting.



■ Company Profile
FIELD SYSTEM Inc.
Location CPD Shibuya 1st-4F, 1-17-2, Shibuya, Shibuya-ku, Tokyo
URL <http://www.feldsystem.co.jp/>

⑤ Smooth evacuation

V-Sync Co., Ltd.

Vending Machine with Digital Signage "Smart Vender"

Vending machine with digital signage which provides community based disaster prevention information.

• Provides community based disaster prevention information.
Not like wide range area information by TV or radio such as breaking news and evacuation information, this provides more local information where the area vending machine is at.
• It has screen display and various disaster prevent information in Tokyo.
You will know various disaster information such as evacuation advisories, evacuation order and information of shelters through the vending machine display which is applied by L alert(Public information common).



■ Company Profile
V-Sync Co., Ltd.
Location TsukijiMF Bld 26-4F, 2-12-10, Tsukiji, Chuo-ku, Tokyo
URL <http://www.v-sync.co.jp/>