



# (주)제이에스에이치

We create innovative content

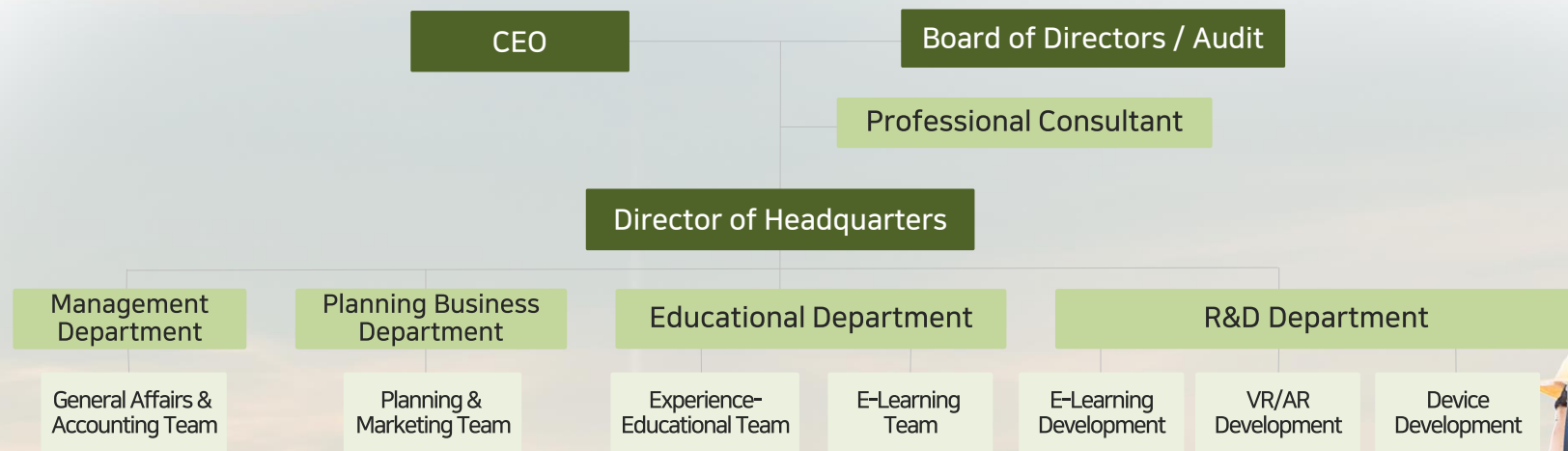
주식회사 제이에스에이치 회사소개서 (ENGLISH Ver.)

[www.jsh.company](http://www.jsh.company)

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## | Company Summary

Company Name	JSH Co., Ltd	Project Area	Occupational Safety Training (Collective/Online) School Safety Education, Safety Education for Enterprise & Public Office, Creating VR/AR Contents, Creating Realistic Safety Education Simulation, Construction of Safety Experience Center
CEO	Mr. Jung Sung-Ho		
Established Date	April 12, 2019	Address of Main Office	1308ho 1dong, 361, Simin-daero, Dongan-gu, Anyang-si, Gyeonggi-do, S. Korea
Number of Executives and Employees	100 Staffs	Homepage	www.jsh.company



## | Project Sector

JSH Co., Ltd. has been researching, developing and providing with '**ICT, IOT Safety Education / Online Safety Training/ VR Simulator / Construction of Safety Experience Center**' aimed to strengthen safety and health awareness and to provide effective safety education.

ICT, IOT Safety Education

20

Online Safety Training

VR Simulator

Construction of  
Safety Experience Center

Safety Education, Planning,  
System Development ,Design, Space Design and Construction  
**Expert Groups on providing  
Safety Education Contents of ICT Convergence**



## Numerous organizations have appreciated our association's **Certified Technology and Abundant Experiences**

**2019**

- **Establishment of the Safety Experience Center of the National Civil Defense Disaster and Safety Education Center**
- **Supply of safety experience vehicles to the Gyeonggi Fire Headquarters (fire extinguishers, lifts, traffic safety)**
- **Conducts a safety experience event for executives and employees of KOTRA headquarters**
- Provision of VR, CPR and fire extinguisher simulators for safety experience vehicles at the Jeonnam Fire Department
- Delivery of four types of VR contents for safety experience at Dongjak Fire Station
- Busan 119 Safety Experience Center Earthquake Experience Simulator Delivery
- Anyang City Manan Youth Training Center AR Content Delivery
- Anyang Creative Industry Promotion Agency Selection of Project to Support Intellectual Property Applications in the Second Half of the Year
- Development of AR contents for dental care of Manan Youth Training Center in Anyang City and delivery of products
- Making Safety Experience Vehicle Earthquake Safety Experience Board of Fire Headquarters in Seoul



- Confirmation Letter of Venture Businesses-  
- Industrial Design Specialist Company-  
- Corporate Affiliated Research Institute-



- Direct Production Confirmation Letter-



- Simulator patent certificate-



- copyright registration-

**2020**

- **Development of VR safety education contents and delivery of CPR and fire extinguisher simulators for safety experience vehicles in Gyeongnam Provincial Government**
- Providing VR safety experience contents for science mobile vehicles to the Gyeongbuk Office of Education
- Making Safety Experience Vehicle Earthquake Safety Experience Board of Fire Headquarters in Seoul
- Produce VR safety experience contents for safety experience vehicles of Gangwon Fire Department
- Mungyeong Fire Station CPR Simulator Delivery
- **Creating a hologram space for the safety experience vehicle of Chungbuk Office of Education (booth, video)**
- Air Safety VR Development (Toilet Fire, Galaxy Fire, Decompression)
- Manufacture of solid oxide fuel cells safety training 360 VR content
- Delivery of Ligam CPR Simulator Co., Ltd.

# Collective Training, Postal Training

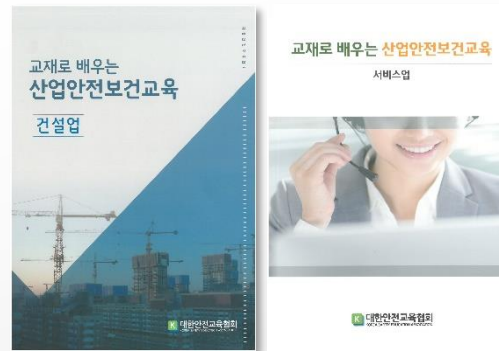
- Industrial Safety and Health Training,
- Legally-Required Compulsory Training

- We provide Industrial Safety and Health Training(for Director of Safety Management and Supervisor, etc.), Legally-Required Compulsory Training 'Collective Training' and 'Postal Training' and Online Training(E-Learning)
- We operate collective education, where instructors conduct on-site lectures themselves, and postal education, in which workers learn on themselves with educational materials that received by mail.

## ▶ Collective Training



## ▶ Postal Training



- ▶ Having a broad list company of client such as domestic conglomerate, public office, public enterprise, global foreign enterprise, etc.



# Visiting Safety Experience training

- Based on the seven safety education standards, experience- oriented systematic safety education is conducted.
- All age groups can experience our training through customized national safety education for each life cycle. (training using Smart simulator)
- ▶ Smart safety training operation experience case (school)



- Orientation, Safety education VR Video



- VR experience about emergency instructions at aviation incident, earthquake, ocean incident



- First Aid CPR training

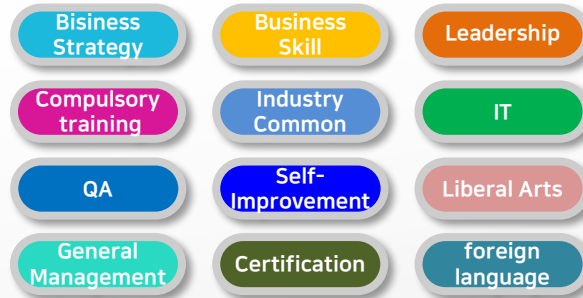
- Fire extinguisher simulator training

# E-Learning Online-training

## - Job training

- We have massive amount of contents such as Industrial Safety and Health Training, Legally-required Compulsory Training, Business Strategy, Leadership, IT, Self-Improvement, etc.
- We create our own contents by retaining in-house contents creator, announcer, LMS, S/W human resources.(about 300 contents)
- When taking group training at the workplace, it is possible that individual sites opening and managing by making company-customized training website.

### ▶ E-Learning center Homepage (Online-training)



### ▶ Lecture Screen of job training Online contents



- Explanation of Lecture contents and Lecture object



- OX quiz during online training



- Review through key point summary

### ▶ Provision of company-customized training institution (customized logo and menu)



### ▶ Provision of LMS(learning management system)



# Civil Defense Online-training

- We operate local authorities Civil Defense Online-training.
- We offer One-Stop program at Civil Defense-Only homepage from lecture enrollment to diploma course.

### ▶ Civil Defense-Only homepage



### ▶ training courses available 24/7 using PC, tablet, mobile



### ○ Civil Defense contents

- contents reflected up-to-date information and civil defense-related issues case



Intro

Learning contents  
- First Aid



► Compositions of CPR Simulator



- Mannequin for Practice



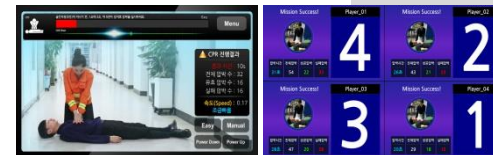
- Screen/Monitor/Multivision



- PC and Simulator S/W

# CPR Simulator

- It is a safety training simulator program that a number of people(1~max 24) personally experience CPR simultaneously
- The product is possible to check CPR result information of participants as the real time and to secure data on the screen.
- Numerous sensors are attached to get information such as pressure, position change, etc inside the mannequin.
- The product is able to improve participants' interest and concentration by introduce ranking system.
- It is possible to make a choice difficulty level adjustment function for each participant such as adults, children, etc and to choose a variety of monitor screen.



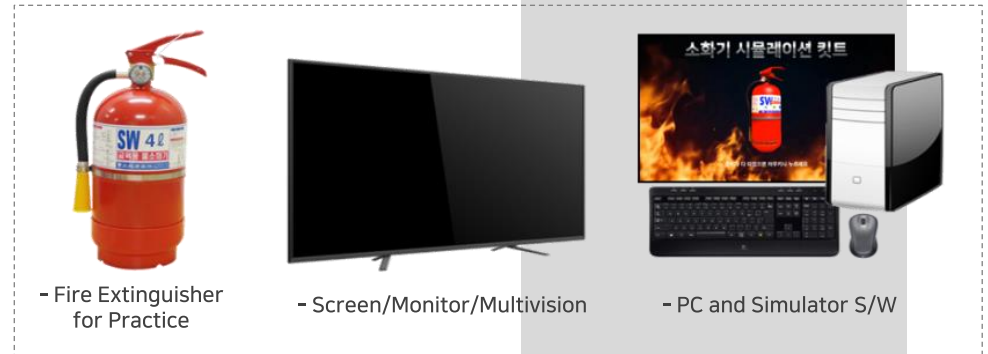
► case of product supply and experience center construct



Application associated content  
: Automated External Defibrillator(AED)  
(Model: T15-G4)



► Composition of Fire Extinguisher Simulator



# Fire Safety! Fire Extinguisher Simulator

- It is a safety training contents to personally experience fire situations that variously break out.
- It is a safety training simulator program that a number of people(1~max 4) personally experience fire extinguisher simulator simultaneously.
- It is a product that can check the actual fire suppression point and fire extinguisher spraying capability, and secure the injection volume and accuracy rate data.
- Our training fire extinguisher's size, weight, function is same as real one.
- Our simulator use a gyro sensor and short range communication device that can transmit detected information wireless.
- Participants are able to view their simulator result information on the screen being transmitted in real time and to compete ranking each other.



► case of product supply and experience center construct



Application associated content  
: Smoke Maze Experience / descending life line experience

## | Project Introduction

# Virtual Reality VR

- Vivid experience is possible by constructing real incident situation
- Immersion effect is maximized by realistic production
- It is possible to use VR wherever whenever with the device and contents
- utilization rate is maximized through real-like virtual experience
- Equipment can be updated depending on new-model VR devices.
- VR contents can be changed / produced according to the desired experience topic.



Subway Fire Escape VR



Laboratory Safety VR



Basement Parking Lot Earthquake VR



Earthquake Experience VR



Ship Safety VR



Aviation Safety VR

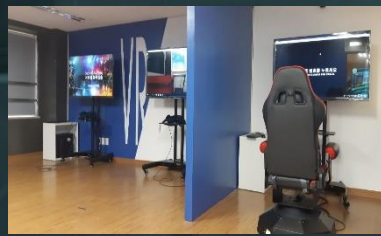
### ▶ case of product supply and experience center construct



Mobile training vehicle,  
Gyeongsangbuk-do office of education



Seongnam city  
hall



Sangmyung middle  
school



Fine Dust Prevention VR



Traffic Safety VR



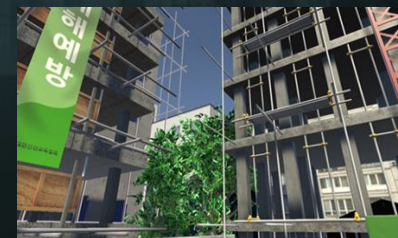
Busan safety & experience  
center



Sejong fire  
department



Taebaek 365  
safetown



Fall Disaster VR



Crane Safety VR

# SAFETY SIMULATOR



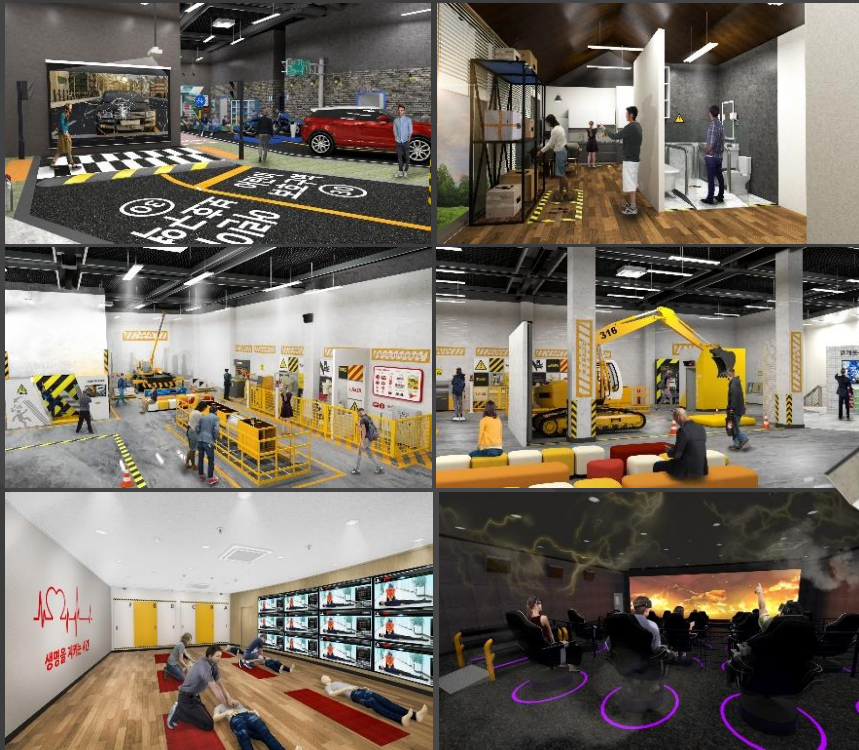
## Industrial Safety Training Center

### - Korea South-East Power Co.Ltd.



## Industrial Safety Training Center

### - KOSHA, Honam area



## Industrial Safety Training Center

### - Vietnam



## Industrial Safety Training Center

# - LG Electronics Chengju Plant



Student Safety Experience Center

- Yudal Youth Training Center



Safety Experience Class

- Hyunheung Elementary School



Safety Experience Class

- Bonghwang Elementary School



# Integrated Safety Experience Center

Experience Facilities constructed in the National Safety Experience Center.

Yudal Youth Training Center  
(First Aid Experience Zone)



Yudal Youth Training Center  
(Fire Extinguisher Experience Zone)



Yudal Youth Training Center  
(Earthquake Experience Zone)



Chungnam Safety Experience Center



China Shanghai



Vietnam SOSHI



Taebaek 365 SAFETOWN



Everland



Ulsan Happiness Safety Experience Center



# Enterprise Safety Experience Center

Domestic Conglomerate and Public Enterprise customized Safety Experience Center

Samsung Electronics



Samsung Engineering



KOTRA



LG Electronics



LG Electronics



Hanwha 63 City



Korea Asset Management Corporation



Government e-learning platform, Sejong City



Seoul Metro



# School Safety Experience Center

First Aid Experience Zone (CPR Simulator)

공주 봉황초등학교



Shingwan Elementary School, Gongju



SEOUL TECH University



Jungja Elementary School, Suwon



Sangmyung Middle School, Seoul



Kangnam Elementary School, Ulsan



Onsan Elementary School, Ulsan



Yeonam Elementary School, Ulsan



Dongbu Elementary School, Ulsan



# School Safety Experience Center

First Aid Experience Zone (Fire Extinguisher Simulator)

Namsan Elementary School, Changwon



Shingwan Elementary School, Gongju



Kangnam Elementary School, Ulsan



Jungja Elementary School, Suwon



Sangmyung Middle School, Seoul



Bonghwang Elementary School, Gongju



Onsan Elementary School, Ulsan



Yeonam Elementary School, Ulsan



Youlhyun Elementary School, Suwon



# School Safety Experience Center

Fire Safety Experience Zone (Fire Maze - Fire Escape)

Kangnam Elementary School, Ulsan



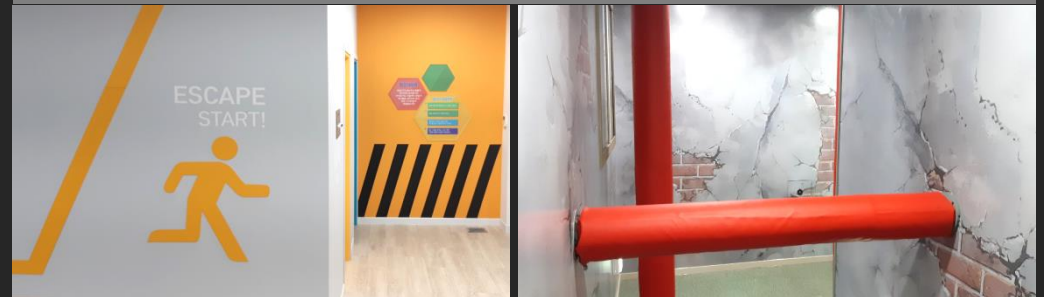
Singa Elementary School, Seoul



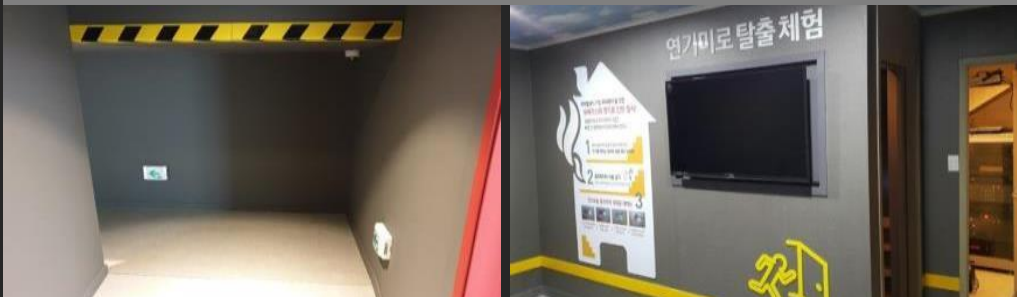
Hyunheung Elementary School, Kyungbook



Bonghwang Elementary School, Gongju



Ildong Elementary School, Pocheon



Wolpyeong Elementary School, Ulsan



# School Safety Experience Center

Traffic Safety Experience Zone (Pedestrian Safety - Vehicle Safety)

Yaksa Elementary School, Ulsan



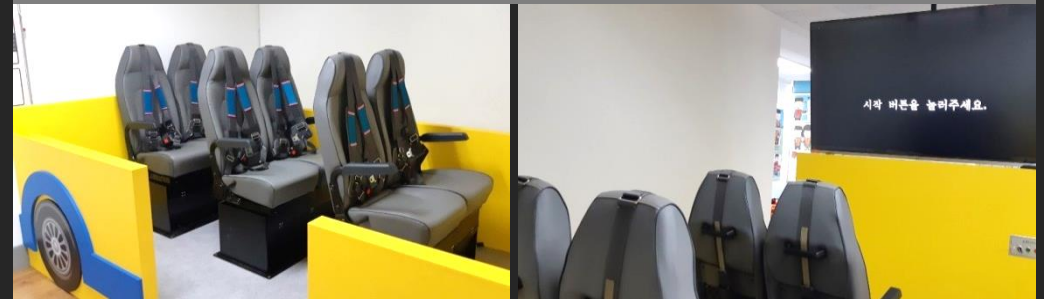
Naedong Elementary School, Changwon



Chungmu Elementary School, Tongyeong



Namsan Elementary School, Changwon



Onsan Elementary School, Ulsan



Duru High School, Sejong



# Fire Station Safety Experience Center

Distribution of First Aid training Experience Program

Gimcheon Fire Station



Yongin Fire Station



Uiwang Fire Station



Yecheon Fire Station



Seoul Yangcheon Fire Station



KFSI (Korea Fire Safety Institute)



Busan Gijang Fire Station



Cheongdo Fire Station



Yeongam Fire Station



# Fire Station Safety Experience Center

Distribution of various types of Disaster training Experience Program

Sejong Fire Department



Sejong Fire Department



Uiwang Fire Station



Ansan Fire Station



Ansan Fire Station



Masan Fire Station



Bucheon Fire Station



Bucheon Fire Station



Bucheon Fire Station



# Mobile Safety Experience Vehicle

Construction of Visiting Safety Experience Training

Mobile Safety Experience Vehicle, Gyeonggi Disaster and Safety Headquarters



Mobile Safety Experience Vehicle, Jeonnam Fire Service



Fire Safety Experience Vehicle, Daejeon Dongbu Fire Station



Mobile Dokdo (Island) Experience Bus, Chungcheongbuk-do Office of Education



Science Education Vehicle, Gyeongsangbuk-do Office of Education



VR Experience Vehicle, Gyeongsangnam-do Provincial Hall





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For **Safe World,**  
**JSH corporation** will always with you.

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