Since founded in 1954, the Nittan Group has been working closely with the Japanese Governance of Fire and Disaster Management Agency, offering complete fire safety solutions from all directions; technical development, manufacturing, sales, installation, and maintenance.

In fast-growing modern society, the building and fire safety regulations have been continuously reviewed to prevent various fire tragedies. Providing continuous innovation and specialist expertise are vital to meet current and future standards.

As we help to shape the standards of tomorrow, Nittan will continue broadening our global perspective, striving to develop and engineer the advanced fire safety technology that will be required.

With our engineering excellence, Nittan prides ourselves in providing a dedicated and personal service to the clients, and always commit to seeking progression and improvement in our quality control management systems to provide reliable solutions and optimum customer satisfaction.

Pursuing our company policy of “protecting essential lives and assets from fire,” the Nittan Group, as a global fire professional, will progress for contribution to social welfare with our valued customers.

Hideki Itakura
President

Nittan – Engineering for your safety.
President’s Greeting

PROTECTING ESSENTIAL LIVES AND ASSETS FROM FIRE

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Hideki Itakura
President
NITTAN’S ADVANCED TECHNOLOGY FOR THE FASTEST AND RELIABLE FIRE PROTECTION

The post-war frontier spirit of young entrepreneurs planted the history of Nittan Group. Our founder Midori Itakura fatefully dived into the fire protection industry and facilitated numerous product innovations with his passion for making a valuable contribution to society. Here is a snapshot of Nittan's long history pursuing our company mission to protect essential lives and assets from fire by offering continuous improvements in our technology and products.

BEGINNING OF NITTAN
After World War II, our founder Midori Itakura was developing a device that could save electricity by detecting the heat from sunlight. During this development, Itakura encountered his old friend Takeo Nakamura who told him about his worry towards the considerable damage caused by frequent fire disasters. To save Nakamura’s worry, Itakura shifted his project direction and developed “Mercury Spot-type Heat Detector” which was approved by the Japanese Fire and Disaster Management Agency (FDMA) of the Ministry of Internal Affairs and Communications.

The history of Nittan has begun from this product.

RED MOTORCYCLE CAMPAIGN
In 1965, Nittan launched Red Motorcycle Campaign, donated red motorcycles with fire extinguishers to all local fire stations in Japan to raise public awareness in fire safety. Midori Itakura run this campaign inspired by a police vehicle equipped with portable fire extinguishers that managed to put out a fire caused by a traffic accident. Following the Great Hanshin earthquake which triggered a massive blaze in 1995, the value of this campaign was reacknowledged.

Although its style has shifted from red motorcycles to off-loading vehicles, the campaign is still fulfilling a vital role in fire safety of current Japanese society.

FIRST DOMESTIC IONIZATION SMOKE DETECTOR
Nittan became a pioneer, developed the first Ionization Smoke Detector in Japan when the design of primary domestic detectors was spotting fire by heat. Besides, compared to overseas products required a higher voltage of 200V, the Nittan ionization detector achieved a low voltage of 15V. The product was launched in 1965, and two years later, it became common in Japanese residential properties as “Ion Bell.”

CHALLENGE TO THE WORLD’S GREATEST
To prove the reliability of the quality and performance of our products, Nittan set up a project to install our detectors at the world’s highest and lowest sites. The highest spot was at “Hotel Everest View” owned by a Japanese firm, located at 3,880m above sea level. The lowest place was at the gold mine in South Africa. Installation engineers travelled down to the tunnel 3,000m below sea level and fixed Nittan detectors with platinum cover for geothermal, humidity and gas proof. At both locations, Nittan detector could perform, proved its undeniable quality and excellent performance under extreme conditions.
## Nittan Technology Foot-Steps

Founded as Nihon Kasai Tanchiki Co., Ltd. at Yamashita-cho, Shibuya-ku, Tokyo with a capitalization of 500,000 yen. The principal lines of business were registered as the development, production, distribution, and installation of fire alarm equipment.

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1954</td>
<td>Launched Mamo-ru residential fire alarm to markets.</td>
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<tr>
<td>1964</td>
<td>Company name changed to Nittan Co., Ltd.</td>
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<tr>
<td>1965</td>
<td>Ionization smoke detector authorized by the Fire Office Committee (FOC) of the U.K. A first for a Japanese ionization smoke detector.</td>
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<tr>
<td>1966</td>
<td>The new model R NF-1 Disaster Prevention System won the Director General of the Fire and Disaster Management Agency Award of the Ministry of Home Affairs at the 1984 JECA Fair.</td>
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<tr>
<td>1967</td>
<td>Developed the model NF-1 multisystem, distributed, full-scale prevention system. Disaster prevention system installed at the NHK Broadcast Center.</td>
</tr>
<tr>
<td>1970</td>
<td>The high-grade disaster prevention monitoring system delivered to Integral Tower Ohbayashi won the Fire Defense Agency Commissioner’s Award.</td>
</tr>
<tr>
<td>1972</td>
<td>The disaster prevention system delivered to Kokura Race Course won the Fire Defense Agency Commissioner’s Award.</td>
</tr>
<tr>
<td>1984</td>
<td>Developed the dual optical detector (2KW-P) with a remote testing function.</td>
</tr>
<tr>
<td>1985</td>
<td>The closed-type water spray (Aquaforce) installed at Suck Kahlinnakukani won the Fire Defense Agency Commissioner’s Award. The installation at the JR Tokai Shin-yokohama Station Building receives an industry-first MIC Miniature certification as specialized fire protection equipment.</td>
</tr>
<tr>
<td>1988</td>
<td>The disaster prevention system delivered to Kokura Race Course won the Fire Defense Agency Commissioner’s Award.</td>
</tr>
<tr>
<td>1991</td>
<td>Four Fire Defense Agency Commissioner’s Awards (2 awarded at Once). The Aquaforce systems installed at the Iidabashi First Tower, the Yodobashi Camera Multimedia Kyoto, and the Garden City Shinagawa Gotenyama buildings, and the total operation panel installed at Hakata Station all win the Fire Defense Agency Commissioner’s Awards at the same time.</td>
</tr>
<tr>
<td>1993</td>
<td>The closed water spray Aquaforce system installed at the Shinjuku Grand Tower won the Fire Defense Agency Commissioner’s Award.</td>
</tr>
<tr>
<td>1999</td>
<td>The disaster prevention system delivered to Kokura Race Course won the Fire Defense Agency Commissioner’s Award.</td>
</tr>
<tr>
<td>2001</td>
<td>The ring light indicator (Omniview) receives U.S. patent.</td>
</tr>
<tr>
<td>2002</td>
<td>Developed the dual optical detector (2KW-P) with a remote testing function.</td>
</tr>
<tr>
<td>2005</td>
<td>The closed-type water spray (Aquaforce) installed at Suck Kahlinnakukani won the Fire Defense Agency Commissioner’s Award. The installation at the JR Tokai Shin-yokohama Station Building receives an industry-first MIC Miniature certification as specialized fire protection equipment.</td>
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<td>The closed water spray Aquaforce system installed at the Shinjuku Grand Tower won the Fire Defense Agency Commissioner’s Award.</td>
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<td>2010</td>
<td>The closed water spray Aquaforce system installed at the Shinjuku Grand Tower won the Fire Defense Agency Commissioner’s Award.</td>
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<td>2011</td>
<td>The closed water spray Aquaforce system installed at the Shinjuku Grand Tower won the Fire Defense Agency Commissioner’s Award.</td>
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<tr>
<td>2012</td>
<td>Launched “SPERA” fire alarm system with UL approval to overseas markets.</td>
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<tr>
<td>2014</td>
<td>The Japan’s first remote sensitivity testing tool. Developed the first external testing tool (MTT) that can carry out the sensitivity test in Japan.</td>
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<tr>
<td>2015</td>
<td>Introduced the stand-alone aspirating smoke detector (NEM-912).</td>
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<tr>
<td>2016</td>
<td>The fire protection system installed at JR Saitama-shin-tohshin/ NTT Docomo Saitama building won the Fire Defense Agency Commissioner’s Award.</td>
</tr>
<tr>
<td>2017</td>
<td>Launched the flush-mount alarm station with visual indicator.</td>
</tr>
<tr>
<td>2018</td>
<td>Awards Received at Once</td>
</tr>
</tbody>
</table>

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**Awards Received at Once**

- **NITTAN’S ADVANCED TECHNOLOGY FOR THE FASTEST AND RELIABLE FIRE PROTECTION**
- **Good Design Award**
- **Production Innovation Award of the U.K. Fire Industry Awards 2005**
- **The model FK-5-12 fire-extinguishing system (Gbera) delivered to the Fuji Oyama Plant of Sumitomo 3M won the Fire Defense Agency Commissioner’s Award.**
- **The closed-type water spray (Aquaforce) installed at Suck Kahlinnakukani won the Fire Defense Agency Commissioner’s Award. The installation at the JR Tokai Shin-yokohama Station Building receives an industry-first MIC Miniature certification as specialized fire protection equipment.**
- **The closed water spray Aquaforce system installed at the Shinjuku Grand Tower won the Fire Defense Agency Commissioner’s Award.**
NITTAN ENGINEERING EXCELLENCE

Nittan employs a large team of experienced specialist engineers and professionals, capable of providing solutions to meet customers exact requirements, ensuring that the finished system offers an excellent standard of protection.

To meet the requirement, Nittan representatives and engineers sit on every standards body and are instrumental in helping to create and share more rigorous quality control management ever. We also work closely with the accreditation body around the world, providing us with an enviable global perspective. Advances in one region can, therefore, be viewed, appreciated and shared to the benefit of everyone.

With this shared expertise, we are bringing the very highest standards of build quality, engineering excellence, high performance, and unrivaled reliability into all areas of fire safety.

When you specify a Nittan system, you will directly benefit from our commitment to standards far above the industry norm.
GLOBAL NETWORKS & TRAINING CENTRE

Nittan Electronic Co., Ltd.

Chiba Plant (JAPAN)  Itami Plant (JAPAN)  Water discharge simulation at Itami Plant

Nittan Europe Limited (U.K.)  CN Scandinavia AB (Sweden)  Nittan ASEAN CO., Ltd. (Vietnam)

Yokohama Training Centre (JAPAN)

Dedicated Training Centre for Continuous Technical Improvement

A full understanding of complete Nittan systems is essential to ensure that the system can operate fully to provide the maximum fire protection and solution.

Nittan Yokohama Training Centre has been established to fulfill our commitment to offer proactive learning activities to develop and enhance our internal and clients’ abilities.

The centre also hosts training courses for the Institution of Occupational Safety and Health (IOSH), inviting business partners to maintain progression and improvements of quality management of the fire industry.


Certificate no. JQA-QMA19814

Environmental Systems Standard ISO 14001:2015 Certification

Subject: Head office
Certificate no. JQA-EM3788
NITTAN WORLDWIDE

The Nittan Group has been at the very forefront of the international fire protection industry, having sales, R&D and manufacturing bases in Japan, Sweden, Vietnam and the UK. Throughout the world, Nittan supplies reliable products in exceptional quality that meet the UL and EN standards, respectively, for use in government, medical and educational facilities, high-rise buildings, hotels, aircraft, and vessels.
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- **Piazza del Duomo (Italy)**
- **Vung Tau International Exhibition & Conference Center Pullman Five Stars Hotel, Office building (Vietnam)**
- **Taipei 101 (Taiwan)**
- **Ministry of Public Security Head Office (Vietnam)**
- **Six Senses Tower 4, 5 & 6 (Philippines)**
- **Student Accommodation in University of East Anglia (U.K.)**
- **Police Department (Vietnam)**
- **American International School (Vietnam)**
- **Bella Hotel (Denmark)**
- **Bangladesh Honda (Bangladesh)**
- **P.T. Yamaha Motor (Indonesia)**
- **King Phumiphol Roya Hospital (Thailand)**
Nittan received the Japanese Fire and Disaster Management Agency (FDMA) Award for our fire extinguishing systems with the mist cannon installed at the large scale multi-purpose arena “Namihaya Dome.” (Kadoma City, Osaka).

Because of its effectiveness in extinguishing fires, sprinkler systems are gaining importance increasingly. However, it also has a disadvantage of water damage if activated as fault, which could cause severe damage than the fire.

Nittan VS sprinklers go one step further offering functions to prevent false activation and water leakage, ensuring an accurate extinguishing performance.

**FAULTLESS FIRE ALARM SYSTEM FOR QUICK AND SAFE EVACUATION**

Fire Alarm System is the most fundamental system for fire protection. From public to private, Nittan Fire Alarm Systems have been offering reliable fire-safety management for various properties.

Nittan installed our Fire Alarm Systems at Tokyo Station in 1946 when the first high speed Shinkansen line was operated between Tokyo and Shin-Osaka. Since then, we have been monitoring the life-safety at the busiest gate for Japanese transportation. Our systems were upgraded in 2014 along with the building’s renovation marking it’s 100th anniversary and continue serving for visitors’ safeties.

Nittan Technology News

**Omniview™, 360° Ring indicator**

Visible status indicator from every angle

A sight delay in evacuation may lead to fatal damage. Nittan Omniview design offers clear visibility from every angle.

(*Omniview is registered trademark of Nittan)
OPTIMAL AND EFFECTIVE
FIRE EXTINGUISHING SOLUTIONS

Optimal and effective fire extinguishing solutions. Fire extinguishing systems minimize the scale of damage from the blaze. Nittan offers total solutions to suit site-specific environments with a wide range of fire extinguishing products including conventional sprinkler, form and gaseous extinguishers.

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RELIABLE FIRE PROTECTION IN HISTORIC AND ENVIRONMENT SPECIFIC SITES

Historical structures and facilities in the extreme environment pose a particularly complex challenge for the system charged with protecting them from the fire. These buildings tend to be varied in their design and construction; therefore they have difficulty in detecting fire, and risks that the fire will expand rapidly causing significant damage.

Nittan has been challenging to develop reliable and practical solutions that take an essential role to manage fire protection at cultural assets and site-specific properties.

Unlike almost anyone else in the industry, Nittan has considerable specialist expertise in designing and supplying fire safety systems for some of the most demanding markets on earth.

We have specialist divisions dedicated solely to engineering for oil refineries and marine applications for example.

Both industries set safety standards well in excess of those demanded in most other fields.
Nittan offers special fire protection equipment to suit various environment specific facilities such as factories, laboratories, clean rooms, large scale computer rooms, vessels and aircraft lavatories.

Greatly Reducing False Alarms

Wide angle, compact and light

Small and lightweight

Installation Examples

Heihaiden, Harumiya, Shimosha, Suwa Shrine
Aircraft Niigata Airport

Greatly Reducing False Alarms

Dust and waterproof three-wavelength infrared flame detector (with self-diagnosis function)
Explosion-proof two-wavelength infrared flame detector (with self-diagnosis function)

Small and lightweight

A small, lightweight smoke detector that can be installed in production machinery of factories. The detector can adjust the alarm sensitivity to compensate for the presence of dust and other particulates.

Photoelectric smoke detector for built-in use

High sensitivity smoke monitoring system

This system achieved the sensitivity up to 2000 times higher than standard detector.

High sensitivity smoke detector

High sensitivity smoke monitoring panel

Installation Examples

Heihaiden, Harumiya, Shimosha, Suwa Shrine
Aircraft
Niigata Airport
NITTAN GROUP GLOBAL NETWORKS

Sales Organizations and Sales Offices

- Head Office
- Hokkaido Branch Office
- Tohoku Branch Office
- Akita District Office
- Aomori Sales Office
- Koriyama Sales Office
- Tokyo Metropolitan Area Branch Office
- Yokohama Branch Office
- East Kanto Branch Office
- North Kanto Branch Office
- Hachioji District Office
- Gunma District Office
- Mito District Office
- Tsukuba District Office
- Nagano District Office
- Chubu Branch Office
- Kanazawa District Office
- Toyama Sales Office
- Shizuoka Local Office
- Kansai Branch Office
- Kyoto District Office
- Kobe District Office
- Otsu District Office
- Wakayama Sales Office
- Nara Sales Office
- Chugoku Branch Office
- Okayama District Office
- Matsue Sales Office
- Tokuyama Sales Office
- Shikoku-Matsuyama Branch Office
- Takamatsu District Office
- Kochi Sales Office
- Kyushu Branch Office
- Nagasaki District Office
- Kitakyushu District Office
- Oita District Office
- Miyazaki District Office
- Kagoshima District Office
- Kumamoto District Office
- Okinawa Representative Office

* Plus more than 120 Distributors

Head Office Showroom
Overseas Countries where Nittan products were delivered

- Argentina
- Bangladesh
- Bolivia
- Brazil
- Bulgaria
- Cambodia
- Chile
- China
- Colombia
- Denmark
- Egypt
- Greece
- Guam
- Guatemala
- India
- Indonesia
- Iran
- Iraq
- Italy
- Jordan
- Kenya
- Kuwait
- Laos
- Malaysia
- Maldives
- Mexico
- Mongolia
- Morocco
- Myanmar
- Nepal
- Nicaragua
- Norway
- Palau
- Paraguay
- Peru
- Philippines
- Russia
- Saipan
- Saudi Arabia
- Senegal
- Singapore
- South Korea
- Sweden
- Syria
- Taiwan
- Thailand
- Tunisia
- Turkey
- United Kingdom
- United States
- Uzbekistan
- Vietnam

Nittan Group (Domestic)
- Shell Beach Co., Ltd.
- Sogo Denki Shokai Co., Ltd.
- Hokkaido Nittan Service Center Co., Ltd.
- Tohoku Nittan Service Center Co., Ltd.
- Nagoya Nittan Service Center Co., Ltd.
- Ohtone Plant, Nittan Electronic Co., Ltd.
- Itami Plant, Nittan Electronic Co., Ltd.
- Nittan Electronic Co., Ltd.
- Consilium Nittan Marine Ltd.

Nittan Group (Overseas)
- NITTAN EUROPE LIMITED (U.K.)
- CN Scandinavia AB (Sweden)
- NITTAN ASEAN CO., LTD (Vietnam)