



tema sistemi
FIRE TECHNOLOGY

OUR PRESENCE IS GLOBAL AND WIDESPREAD

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Our social commitment
is to protect communities and safeguard
irreplaceable goods from fire.

www.temasistemi.com

**FIRE PROTECTION
TECHNOLOGY**
Solutions never thought of before

More than 25 years in
engineering, manufacturing,
maintenance and installation
of certified fire fighting
systems and products



**Tema Sistemi
for Buildings and
Cultural heritage**





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FIRE TECHNOLOGY

TEMA SISTEMI

Among the **pioneers** of the most **innovative fire fighting technologies** in Europe, we are an **international company** highly **specialized** in **engineering, manufacturing and maintenance** of **certified** and **personalized fire suppression systems and products**.

Sectors we protect with passion:

- **Buildings and Cultural heritage**
- **Luxurious places**
- **Marine & Offshore**
- **Transportation and Infrastructures**
- **Industry**
- **Oil & Gas and Energy**



Keep calm... you are safe from fire

We want you to always feel safe: during a visit to a museum, when you study in a library, every time you relax in a hotel or shop in a mall.

Buildings of our everyday life can vary for: structural characteristics, destination of use, economic and cultural value. **Since these structures are destined to a considerable inflow of people, our priority is to protect them from fire,** either caused accidentally or by acts of vandalism or terrorism.

The safeguarding of human lives and the cultural heritage protection requires **advanced fire fighting** technologies and new **alternative extinguishing agents**, since the traditional ones can be even more invasive than the fire itself, causing also collateral damages.

For us, to protect the community and to safeguard the artistic patrimony from fire risk and from the damages caused by extinguishing agents is a matter of social responsibility: it is a commitment, our mission!

Our aim is to deliver a **quality product** which **guarantees efficiency for all its life-cycle** and assures to our clients the **best performances** in terms of **productiveness** and **efficiency**.



THE APPLICATIONS OF OUR TECHNOLOGIES

Our fire fighting solutions are suitable for a wide range of applications, able to efficiently and immediately extinguish the fire.

Our technologies are able to protect the following structures:

- **Cultural heritage sites**
- **Museums and theatres**
- **Hotels and residential complexes**
- **Shopping malls**
- **Schools and universities**
- **Health care facilities and hospitals**



QUALITY AND RELIABILITY

We operate in full compliance with quality procedures, engineering and manufacturing in accordance with national and international standards, including: **UNI, EN, NFPA, RINA, UL, BV, LR, FM, PED, VDS, BS, BOSEC, CEI-IEC, ATEX, MED, IMO, CNBOP**.

We adopt a quality management system oriented to efficiency through the implementation of **UNI EN ISO 9001** standards.

We implement **UNI EN ISO 14001** environment standards and **OHSAS 18001** standards to protect the health and the safety of our people.

We choose to be inspired by **SA8000** standards to promote sustainable development, firmly opposing to any kind of discrimination, involving local communities where we operate.

Research and Development: the heart of our company

Our **R&D department**, with the cooperation of research institutions and universities, studies and **experiments fire technologies** with the goal to minimize damages caused by the fire or, even worse, by the extinguishing agents.

In order to protect the cultural heritage applications from fire and to safeguard their aesthetic integrity, **our specialists test the systems** and the **extinguishing agents** on **real fire** in **our own laboratories** and **test fields**, equipped for live indoor and outdoor simulations.

Each solution is approved by the most renowned **national and international certification bodies**, with the purpose of guaranteeing the **highest safety standards**.

We strive for excellence, that is why we obtained more than **100 certifications worldwide**.

Our fire extinguishing technologies

We support an eco-friendly policy, developing innovative and unique fire protection solutions.

💧 **Aquatech® & Aquatech® Plus Water Mist:** the power of a water drop. High pressure and Low pressure Water mist systems.

💧 **Aquatech® Deluxe Water mist:** the invisible Water mist. High pressure Water mist system for valuable and luxurious places.

☁ **Foam:** High, Medium and Low expansion systems and equipment. Fire solutions for high risk areas.

💧 **Wetting Agent - FireFive®:** the micelle encapsulator era. Non-toxic, non-corrosive and biodegradable.

💧 **Water:** fire fighting systems and equipment from the "Eco-tradition".

💧 **Inert gases - Nargotech®:** natural gases for the environment's sake. No environmental impact, not corrosive, not electrically conductive.

💧 **CO₂:** proven gas installations. Fire suppression with no residues.

💧 **Clean Agents:** eco-friendly gas installations. Immediate suppression of fires.

💧 **Fire & Gas detection:** timely prevention, prompt intervention. Competence and excellency in engineering, integration and installation of sophisticated Fire & Gas detection systems.

HOW WE PROTECT THE BUILDING

Rooms, lobbies and hotel corridors 💧 💧 💧 💧

Kitchens and deep-fryers 💧 ☁ 💧 💧 💧 💧

Conference rooms 💧 💧 💧 💧

Technical rooms 💧 ☁ 💧 💧 💧 💧

IT rooms 💧 💧 💧 💧

Warehouses 💧 ☁ 💧 💧 💧 💧

Laundries 💧 💧 💧 💧

Gyms 💧 💧 💧

Under-roofs 💧 💧 💧 💧

Technical rooms in elevators 💧 💧 💧 💧 💧

Churches and cathedrals 💧 💧 💧 💧

Libraries 💧 💧 💧 💧

Archives 💧 ☁ 💧 💧 💧 💧

Domes 💧 💧 💧

IT/Chemical laboratories 💧 ☁ 💧 💧 💧

Storages 💧 💧 ☁ 💧 💧

Boutiques and showrooms 💧 💧 💧 💧

Offices 💧 💧 💧 💧

Server rooms 💧 💧 💧 💧

Generator rooms 💧 ☁ 💧 💧 💧 💧

HVACs 💧 💧 💧 💧

Electrical rooms 💧 💧 💧

Tunnel cables 💧 💧 💧 💧

Garages 💧 ☁ 💧 💧 💧

