



OUR PRESENCE AND SUPPORT IS DIRECT AND WIDESPREAD



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Don't panic.
You are safe from fire.

www.temasistemi.com

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

**More than 25 years in
engineering and manufacturing
of certified fire fighting
systems and products**

A BIG INTERNATIONAL PROJECT

Our **field experience** and the **desire to offer** combined and **all-inclusive solutions** for **safety & security**, inspired us to **found TEMAGroup**: a **network of companies** that supplies **turnkey global service proposals**.

TEMAGroup members: Tema Sistemi, Tema Safety & Training, Zelig Hi-Tech, Brand Technology, Work Service, Maren, Sabacom.



**Tema Sistemi for
Transportation and
Infrastructure applications**





TEMA SISTEMI
FIRE TECHNOLOGY

TEMA SISTEMI

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

Sectors we protect with passion:

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



APPLICATIONS OF OUR TECHNOLOGIES

Our fire fighting solutions are suitable for a wide range of applications, able to efficiently and immediately extinguish the fire. We protect all types of transportation and infrastructure applications.

- **Trains and subways**
- **Train stations**
- **Road & Rail tunnels**
- **Vehicles**
- **Marine & Offshore applications**
- **Airports and heliports**
- **Marine stations**

Keep calm and feel safe from fire

Fires in airports, trains, subways, tunnels are not uncommon and when they occur they are extremely dangerous. Evacuation in such circumstances is rather difficult and these structures can turn into a real trap. That is why **our priority** in protecting transport and infrastructure applications from fire is to **safeguard people's safety**, avoiding panic.

Moreover, in the event of a fire, the interruption of regular activities and the damages to vehicles and structures, would cause **substantial economical consequences**.

A **prompt intervention** is **crucial** and we deliver it through a **timely prevention**, thanks to the **high technology** of **our integrated fire fighting** systems and **products**.

We manufacture the **complete range** of fire technologies, delivering **quality products**, suitable both for installation in new constructions or in retrofit projects, guaranteeing to our clients the **best performances** in terms of **productiveness** and **efficiency**.

Our dedicated team of experts develops and installs every system as to fit the specific needs of the sector, developing **innovative, customer oriented** and **tested** fire solutions, **approved** by governmental authorities at a global level.

The **smooth-running** of our systems is always **guaranteed** thanks to our **global after-sales support** and the **tailor-made training** and **maintenance programs**.



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** environmental 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 **Research and Development** department, in strong cooperation with standardization bodies, institutions and universities develops technologically **advanced fire fighting solutions**, **approved** by the most prestigious national and international **certification bodies**.

We created a **dedicated division** of specialists in **Train and Tunnel applications**, in order to meet the specific needs of the sector: people's health, protection of building's structure and furniture, a precise localisation of the fire and a prompt intervention, the optimization of spaces and the freedom in architectural design.

Thanks to the **expertise** of our **engineers**, we developed a **high technology integrated** water mist solution for the protection of **rolling stock**, in accordance with **ARGE Guideline** and of railway vehicles, in accordance with **UNI 11565:2016**. This product is also available in our **"concealed" variant**, created to combine high aesthetical requirements with the need of preventing vandalism.

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

Our fire fighting 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.

☀️ **Clean agents:** eco-friendly gas installations. Immediate suppression of fires. Our systems use the most common Clean agents, as Novec™ 1230.

🔊 **Aerosol:** the compact fire technology for electrical equipment.

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

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

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

🔥 **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.

🔥 **Twin agent:** for the most extreme fires. Powder and Foam stand-alone solution.

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

HOW WE PROTECT ALL SPACES

Passenger and public space 💧 ☀️ 🔊 ☁️ 🔥

Toilet 💧 ☀️ 🔊 ☁️ 🔥

Electrical panel and room ☀️ 🔊 ☁️ 🔥

Control panel ☀️ 🔊 ☁️ 🔥

Power center ☀️ 🔊 ☁️ 🔥

UPS ☀️ 🔊 ☁️ 🔥

Inverter 💧 ☀️ 🔊 ☁️ 🔥

Battery 💧 ☀️ 🔊 ☁️ 🔥

Tunnel 💧 ☀️ 🔊 ☁️ 🔥

HVAC 💧 ☀️ 🔊 ☁️ 🔥

Office 💧 ☀️ 🔊 ☁️ 🔥

Kitchen and galley 💧 ☀️ 🔊 ☁️ 🔥

Elevator 💧 ☀️ 🔊 ☁️ 🔥

Fuel tank 💧 ☀️ 🔊 ☁️ 🔥

Data center and server room ☀️ 🔊 ☁️ 🔥

Baggage carousel ☀️ 🔊 ☁️ 🔥

Control tower and open space 💧 ☀️ 🔊 ☁️ 🔥

Hangar and runway 💧 ☀️ 🔊 ☁️ 🔥

Engine 💧 ☀️ 🔊 ☁️ 🔥

