

**SIEMENS**

*Ingenuity for life*



Extinguishing  
business  
partner

**3M**  
Approved OEM  
Fire Protection Products

Sinorix 1230 – fast, safe  
and environmentally friendly

Keep fire virtual – with sustainable extinguishing  
systems from Siemens

[siemens.com/sinorix](https://www.siemens.com/sinorix)

# Sinorix 1230 – intelligent solution for fast and safe extinguishing

Sinorix 1230 reacts rapidly with superior extinguishing properties – protecting valuable assets and ensuring extinguishing without negative impact on the environment.

## Sustainable extinguishing systems

Sinorix™ 1230 is an excellent solution for the protection of high-value assets, business processes and people. It is based on the sustainable extinguishing agent 3M™ Novec™ 1230 Fire Protection Fluid. The high-pressure technology from Siemens allows highest design flexibility and the realization of single-sector and multi-sector systems. Enabling rapid, safe and automated interventions, Sinorix 1230 can prevent loss of data and secure business continuity.

## Most effective for smoldering fires

Sinorix 1230 is an effective and clean extinguishing solution that is ideally suited to extinguish smoldering fires. It neither causes damage to nor leaves any residue on sensitive equipment. This makes it the perfect choice for eliminating electrical and electronic risks.

## Sinorix 1230 – typical applications

- Data centers and server rooms
- Telecommunication systems
- Electrical switching rooms

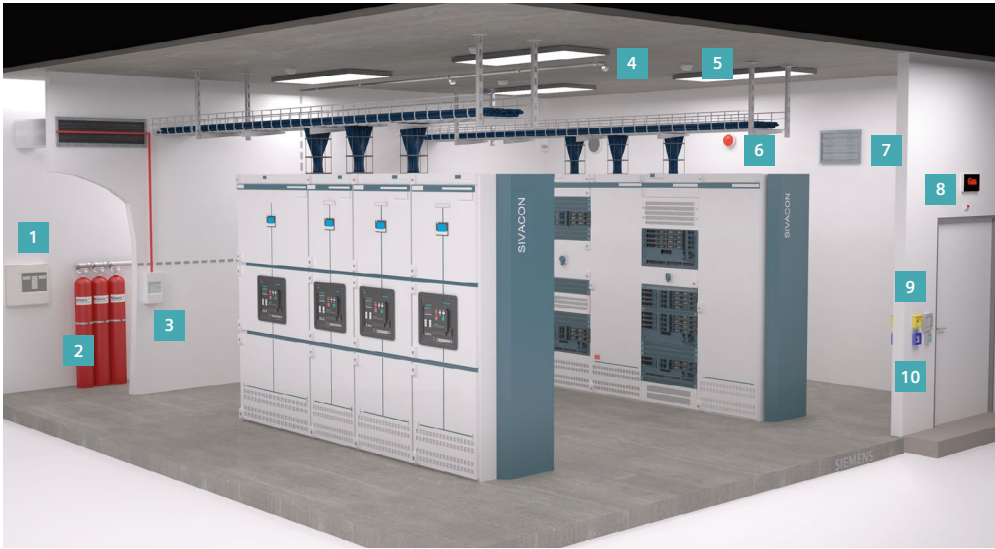
## Fast, highly effective and economical

The high efficiency of the Sinorix 1230 system allows using a low extinguishing concentration. Novec 1230 fluid even offers the lowest extinguishing concentration of all currently authorized extinguishing agents. This enables compact system designs and requires less space for installation and cylinder storage.



### Pappas Group Headquarters, Austria

Sinorix 1230 effectively and sustainably protects server rooms at the corporate headquarters – harmless for people and sensitive assets.



- 1 Fire detection and extinguishing control panel
- 2 3M™ Novec™ 1230 Fire Protection Fluid cylinders
- 3 Aspirating smoke detector
- 4 Piping network with nozzles
- 5 Fire detector
- 6 Alarm sounder with supplementary optical indication
- 7 Overpressure flap
- 8 Warning display
- 9 Electrical manual actuator for extinguishing system
- 10 Emergency stop button for extinguishing system

### Harmless for people and assets

3M™ Novec™ 1230 Fire Protection Fluid is non-corrosive and non-conductive, which means it does not damage high-value assets such as delicate electronics. It is also harmless to people's health, making it ideal for spaces that are normally or occasionally occupied. The agent is also non-toxic, non-flammable and non-explosive.

### Environmentally friendly and sustainable

Novec 1230 fluid is safe, effective and not subject to regulatory restrictions or phase-out. It features zero ozone depletion potential (ODP), a short atmospheric lifetime (ALT) of three to five days and a low global warming potential (GWP) of 1, making it exempt from

restrictions of so-called "greenhouse gases" imposed by the Kyoto Protocol. This makes Novec 1230 fluid an innovative, clean and future-proof solution.

Sinorix 1230 with Novec 1230 fluid follows EN standards and guidelines and is backed by appropriate certifications such as VdS, CNPP and others.

### Highlights

- Highest extinguishing efficiency and flexibility in engineering
- Optimal protection of electrical and electronic equipment
- Efficient high-pressure technology
- Discharge time 10 seconds for fast extinguishing
- Compact, space-saving system
- Non-conductive, no residues
- Harmless for people with one of the highest safety margins
- Innovative, effective and environmentally friendly



### Protect your data. Keep your business alive.

Your data is the lifeblood of your company. But how do you protect it? Our unique fire protection offering ensures business continuity, personal safety and damage mitigation – with earliest fire detection and safe, quiet Sinorix Silent Extinguishing, using the clean agent 3M™ Novec™ 1230 Fire Protection Fluid.

[siemens.com/serverrooms-novec1230](https://www.siemens.com/serverrooms-novec1230)



When building technology creates perfect places –  
that's Ingenuity for life.

Never too cold. Never too warm.  
Always safe. Always secure.

With our knowledge and technology, our products,  
our solutions and our services, we turn places into  
perfect places.

We create perfect places for their users' needs –  
for every stage of life.

[#CreatingPerfectPlaces](#)  
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