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How can I protect valuable assets from the catastrophic impact of fire and ensure business survivability?

The Sinorix™ 227 Waterless Fire Extinguishing System provides the extra protection your business needs to safeguard your critical assets and livelihood, and ensure continuity of business.

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**SIEMENS**

## Sinorix™ 227 protects against catastrophic fire, water, or smoke damage to irreplaceable assets, helping to ensure the ongoing vitality of your business.

72% of companies hit by a major fire are forced to discontinue their business within three years. Protecting your future from this tragedy begins with the Sinorix™ 227 Waterless Fire Extinguishing System solution.



Sinorix™ 227 provides the extra protection businesses need to ensure the safety and continuity of their business. It is an intelligent and customizable fire suppression solution that protects mission critical areas and personnel, prevents collateral damage, and allows business to continue.

### Detection, suppression and protection within seconds!

Siemens fire extinguishing solutions will detect and extinguish a fire before it, or your mandated sprinkler system, can cause damage to critical or rare business assets. Unlike your sprinkler system, which uses water as the extinguishing agent, waterless extinguishing uses a clean, non-toxic gas. It will not harm sensitive electronics, paper or even fragile antiques. Safe for humans at design concentrations.

As a waterless fire extinguishing system, Sinorix 227 instantly squelches a fire before it becomes large enough to activate the sprinkler system. This protects critical assets and valuable items inside the building — from fire as well as damage

caused by water. It's an innovative and intelligent solution, with incorporated features that deliver peace-of-mind:

- Clean, non-toxic, EPA-approved gas is safe for occupants
- Prevents damage to sensitive equipment, data or other invaluable items
- Environmentally friendly agent can help achieve LEED EB credits when replacing HALON system
- Instantaneous and effective
- Small footprint requires little space
- Long usability and long term storage

### Fully tested and approved. Friendly to the environment.

Sinorix™ 227 has successfully completed all test programs prescribed by Underwriters Laboratories, Factory Mutual, and the NFPA (National Fire Protection Association). Large-scale testing in our own laboratories has also confirmed the reliable function of Sinorix 227 in the majority of typical cases of fire. It is thermally and chemically stable when stored and is therefore suitable for use over a long period.

The extinguishing agent used in Sinorix 227 is HFC227ea heptafluoropropane. This was recognized in 1993 as the most effective alternative to Halon 1301 in the list drawn up by the US EPA (United States Environmental Protection Agency) and does not deplete the ozone layer (Ozone Depletion Potential = 0).

Sinorix 227 is a ideal solution for upgrading facilities currently protected by Halon systems. In fact, when you replace your current Halon system with a Sinorix system, you will take steps toward achieving LEED-EB certification.

### Crucial protection for critical areas.

When asset protection is critical, extinguishing fire with water systems is simply not an option. The complete Sinorix 227 System has the ability to detect and extinguish a fire before it starts, making it an essential solution for protection and business continuity.

### • Datacenters and IT rooms

Your business can't afford the down time caused by fire or sprinkler damage to delicate computing facilities and equipment. Sinorix™ 227 will not harm even the most sensitive electronics.

### • Telecommunications and electrical switching rooms

Electronic systems today, including databases, represent a considerable asset in every company. Fires in electronic systems develop slowly, making them especially dangerous. The Sinorix 227 solution is designed to detect and extinguish a fire within seconds.

### • Hospitals, healthcare facilities and laboratories

Ensure complex and expensive medical and laboratory equipment in healthcare facilities — and the critical care of patients — continues uninterrupted. Sinorix 227 suppresses and cools without removing the oxygen necessary to breathe normally. This keeps occupants and assets protected with minimal interruption.

### • Cultural Centers

Protect irreplaceable artifacts, historical collections, rare books, and documents from damage in the event of fire. There's no residue with Sinorix 227, so assets stay preserved and unspoiled.

### Choosing the proper fire protection strategy for your building will determine how your business survives.

When it matters most, rely on Siemens' superior fire technology to protect your business, assets, and the environment.

Siemens has been a world leader in protecting people, buildings, and assets for over 60 years. We are committed to providing safe, reliable, and sustainable solutions to our customers' facilities. After decades of comprehensive analysis of fire-smoke data, extensive fieldwork, and testing in the world's largest fire lab, we can confidently state that no one understands fire better than Siemens.

