

STULZ the natural choice

Integrated protection for IT rooms and computer centres

STULZ – the air conditioning specialist for the complete EDP room





Complete protection from a single source

For more than 40 years the name STULZ has stood for precision air conditioning in electronic data processing. The increase in the specific internal thermal loads in computer centres is resulting in very high demands on the reliability of the air

conditioning systems. The range of services offered by STULZ has also expanded as the protection requirements have increased and today covers all components from the precision air conditioning unit to the integrated system solution.

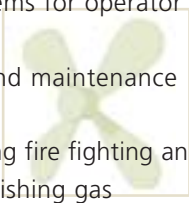


Close control air conditioning technology

Certainly precise air conditioning

The core competence of STULZ continues to be the reliable removal of high, density heat loads from IT rooms within close tolerances using the following components:

- » Precision air conditioning units for IT rooms and computer centres
- » Outdoor and indoor heat rejection units for the provision of cooling media
- » Comfort air conditioning systems for operator rooms and offices
- » Supply of fresh ambient air and maintenance of air quality
- » Devices for pressure relief during fire fighting and for exhausting the fire extinguishing gas

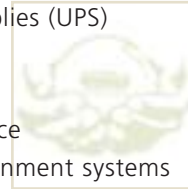


Critical system security

Certainly protected

Every computer centre and IT room needs a distinct security strategy to meet the specified protection objectives. STULZ systems engineering offers active and passive protection technology for this purpose:

- » Redundant air conditioning systems
- » Uninterruptible power supplies (UPS)
- » Network back up systems
- » Access control systems
- » Object and video surveillance
- » Water detection and containment systems
- » Very early smoke detection
- » Stationary gas fire extinguishing systems
- » Interface to building management systems

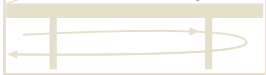


Interior finishing work

Certainly perfectly built

Considerable interior finishing work is required for controlled access to IT rooms detection and containment safeguarding services and provide protection:

- » Fireproof partitions and fire doors
- » Raised modular floors for air distribution
- » Ventilated and air conditioned ceilings
- » Cable management and cable ducting
- » Static auxiliary structures for load distribution

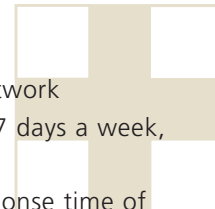


Preventative maintenance & Support Services

Certainly always available

Protection equipment in computer centres must work reliably at all times. For this purpose the plant equipment must be regularly inspected, maintained and, if necessary, repaired in a very short time. STULZ customer service ensures the necessary preventative maintenance programme with:

- » Tailored service contracts
- » A comprehensive service network
- » Availability 24 hours a day, 7 days a week, 365 days a year
- » A maximum emergency response time of 4 hours within most of the EU countries



Certainly reliable

STULZ systems engineering is your competent partner for the planning, co-ordination, integration, realisation and maintenance of air conditioning and protection systems for IT rooms and computer centres. As a systems installer, we have specialists in all fields who will ensure all work is performed to suit user requirements and in accordance with the applicable standards. So you can concentrate on your core business and we protect your investment.



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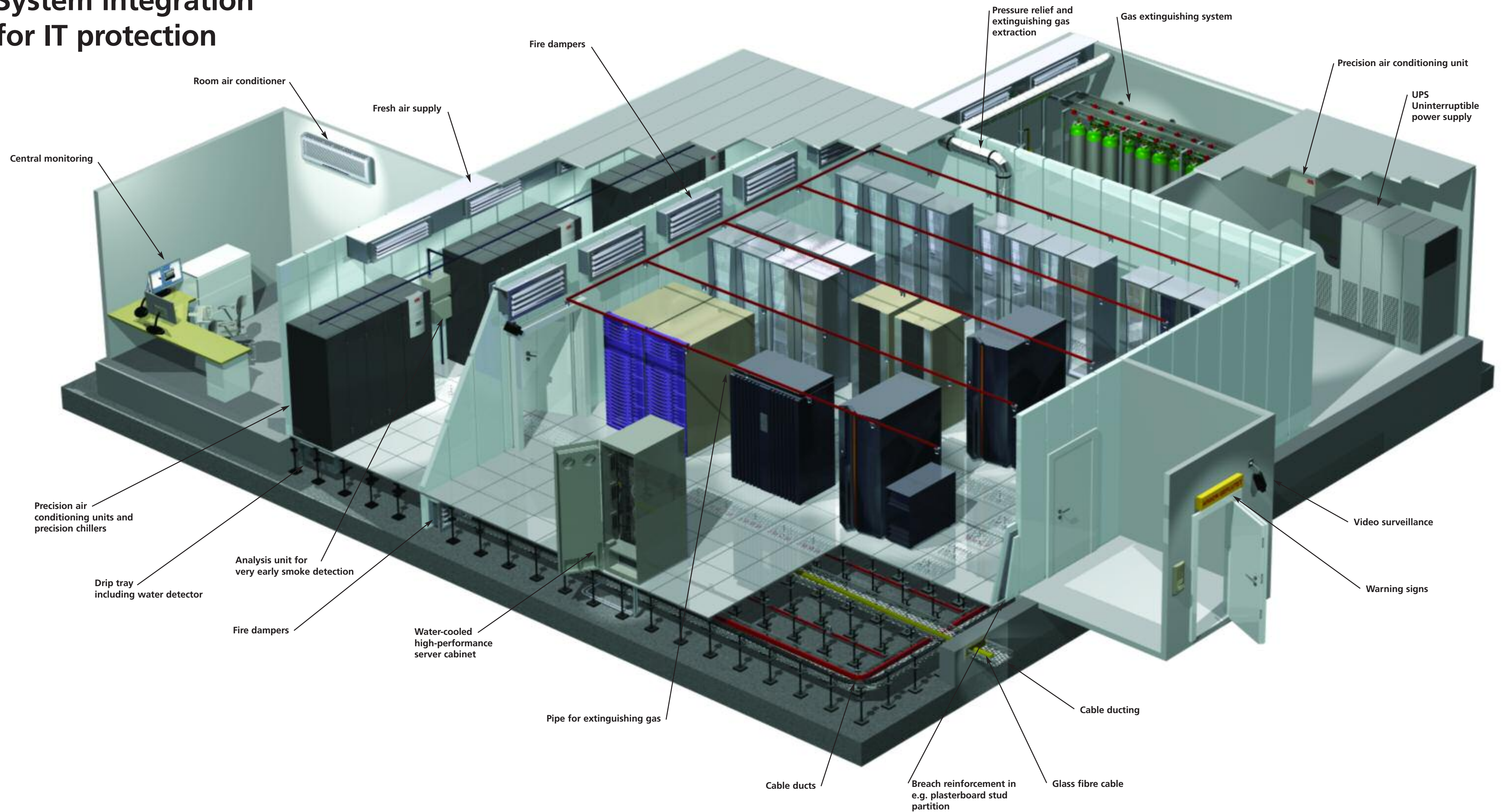
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THE NATURAL CHOICE

System integration for IT protection



Redundant air conditioning technology

IT protection starts with the reliable removal of precision internal thermal loads from the computer systems. Redundant technology from the air conditioning specialist STULZ provides double protection.

Very early detection and active protection

With the latest warning and extinguishing technology, STULZ helps to detect and fight fires and water, so that damage can be prevented before it occurs.

Access control

Surveillance cameras, restricted access authorisation and locking systems with logging minimise the security risk produced by uninvited guests.

Integrated system solutions

Double ceilings and floors create order. Air cooling, cable ducts and installation are discreetly packaged and can be accessed at any time. STULZ systems engineering coordinates all disciplines.

A clear overview at all times

Central process control systems for plant and building management monitor all equipment, log operating states, report malfunctions and help during the planning of the necessary maintenance work.