



Protect your values.



Protect your values.



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The svt Group of Companies

—
One of Europe's leading suppliers of fire protection
and damage restoration solutions



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Be Worry-Free with svt – Your All-Round Supplier of Smart Fire Protection and Damage Restoration Solutions



The svt staff

Play it safe and act before things get too hot to handle:

The svt Group ranks among Europe's leading manufacturers of fire protection products and systems in Europe and also provides a comprehensive range of services in the field of passive structural fire protection and damage restoration management. Our proven products and innovative solutions, which bear testimony to our top-notch expertise, help in safeguarding life, property and the environment from fire and other hazards in the most challenging of circumstances. As a medium-sized company, we can respond to our clients' needs swiftly and directly because we are big enough to cope ... and small enough to care.

Let us help you, too, protect and preserve what you value!

Yours sincerely,

Steffen Gerdau & Frank Steiner
Managing Directors of svt Group of Companies

Welcome



... to svt – where expertise meets decades of experience

Ever since our company was founded way back in 1969, fire protection and damage restoration have been at the heart of what we do. Our commitment to the vital task of safeguarding people, their property and the environment from hazards reliably, sustainably and in the long term is what drives us to deliver products and services that make a difference.



... to svt's integrated safety concept

Whether you require in-house manufactured fire protection products or installation services – we cover the entire process chain to keep you safe. Also, you can rely on us in all matters relating to damage restoration. At svt, comprehensive and reliable management strategies are backed by proven products. Take our word for it!



... to svt's fast-response solutions that will really meet your needs – anytime, anywhere, anyway

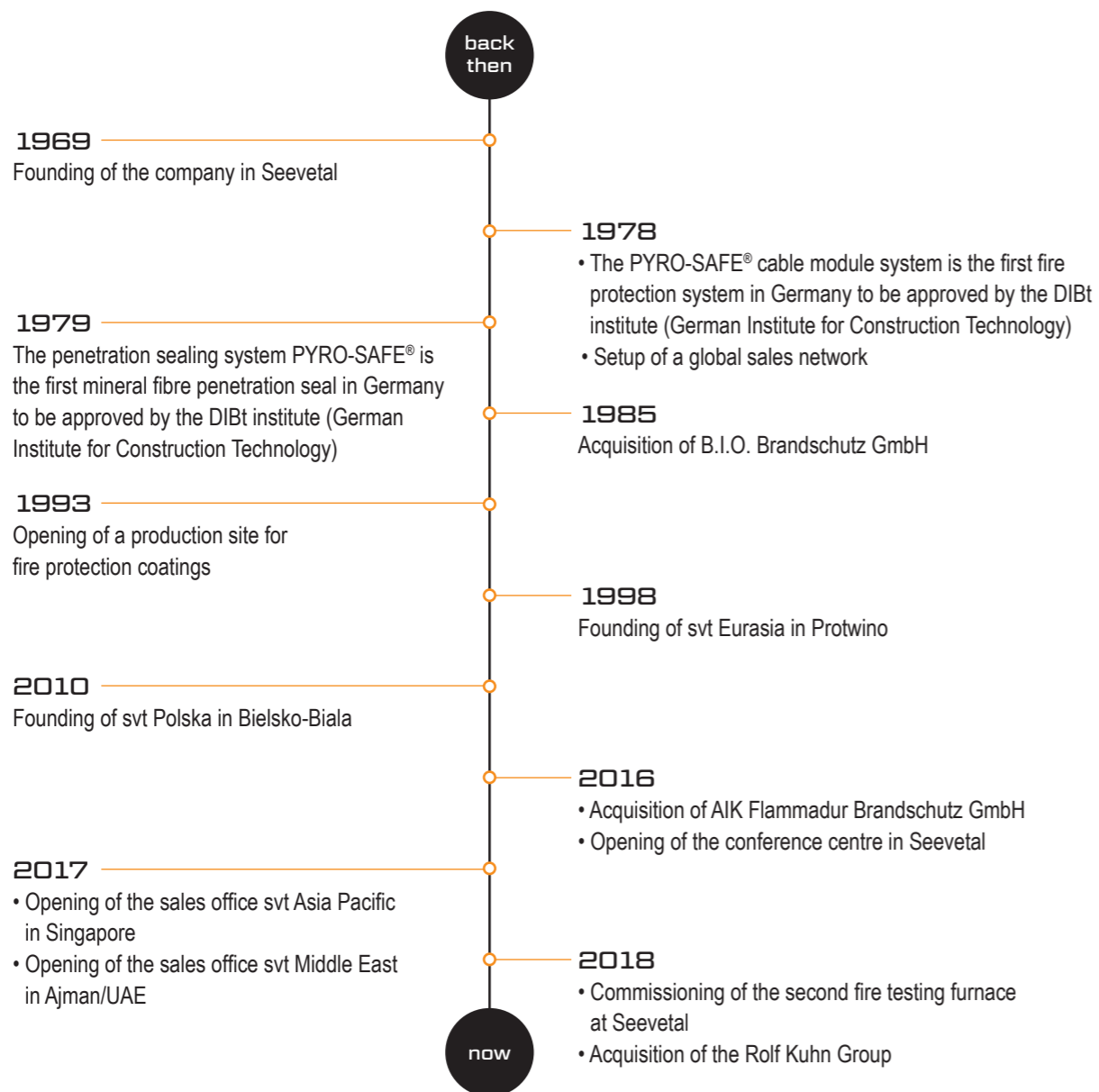
We stand by the principle of "Made in Germany", thus delivering to a consistently high quality standard. This standard is mirrored not only in the way we deploy materials and use our products, but is also reflected in svt's ongoing research and development activities that are conducted at various in-house R&D centres: Innovation is key at svt!



... to svt's sustainability approach

We care about you ... and about our staff: Therefore, all our products are manufactured in accordance with the latest worker health and safety principles – and with due regard to the environment in which we all live. From material deployment and production to on-site installation – the wellbeing of people and the environment matters to us.

50 Years of svt – 50 Years of Solid Success



svt in Figures



1969

FOUNDING YEAR

- SCOPE OF ACTIVITIES
- Passive structural fire protection
 - Fire protection products and solutions for industrial applications
 - Damage restoration management



> 750 STAFF SIZE



> 30 LOCATIONS

FOREIGN SUBSIDIARIES

- svt Polska Sp. z o.o.
- svt Eurasia AO
- svt Asia Pacific Pte Ltd.
- svt Middle East FZE
- svt Turkey: AIK, Çorlu
- svt Austria: Rolf Kuhn, Hofkirchen



SHAREHOLDER STRUCTURE

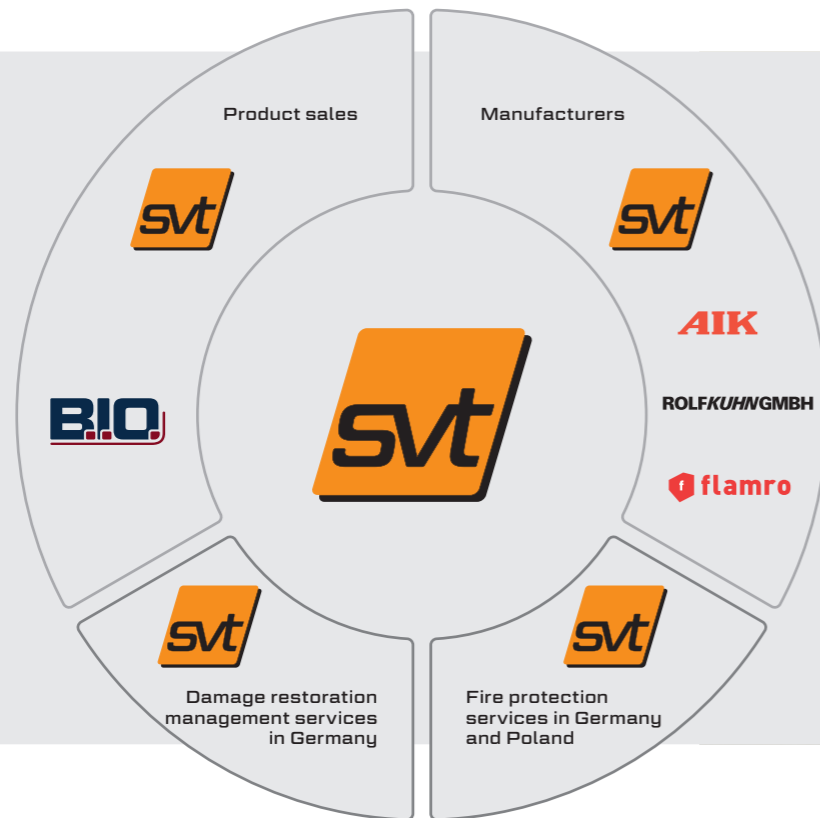
77% ERGON Capital **23%** Management

- REGISTERED TRADEMARKS
- PYRO-SAFE®
 - FLAMMADUR®
 - GEAQUELLO®
 - ROKU®
 - KERAFIX®
 - FLAMRO®



> 170 MILLION EURO TURNOVER (2018)

Your All-Round Experts for Fire Protection and Damage Restoration Management



Our business units:



Why Choose svt?

End-to-end support in all fire protection and damage restoration matters

The svt team boasts decades of experience combined with a genuine sense of empathy and a focus on to-the-point customer service. Thanks to our familiarity with case-by-case necessities and the appropriate next steps to take in each circumstance, you can rest assured that your project is in trustworthy hands at all times and that it will be managed in the best possible way.

In-house research, development and production

Therefore, we at svt do not rest our laurels as a manufacturer of globally renowned products, but also conduct ongoing in-depth research and development at four locations with a view to creating market-relevant innovations and extensions to proven systems. With several in-house testing furnaces and numerous service centres in place, we can deliver optimum solutions to our clients in terms of efficiency, safety and fast response whenever and wherever needed. Regular quality control and inspection also matter to us, as does know-how transfer with the scientific community, including research institutes and universities. These priorities together form the strong foundation on which our group's innovation and progress are built.

Case-by-case solutions

svt offers Europe's most comprehensive portfolio of fire protection products, thus boasting a wealth of experience in the development of new and customised products. Our in-house production facilities ensure fast and reliable solutions that are made to measure and "Made in Germany".



»Preventive and passive fire protection has been our expert domain for over fifty years. We are both creators and implementers of high-performing systems that are recognised around the world.«

Steffen Gerdau, CEO of svt Group of Companies



Research & Development

In the challenging field of fire protection technology, thorough research is the starting point and basis of any dependable, high-performing product or system. Our engineering department team use all their insight and innovative spirit to devise new products and systems that excel across the board in an extensive range of stringent fire tests.

Tailormade solutions

Customised product development for industrial environments is in high demand – and a need that we at svt meet by steadily expanding our capabilities and services in this area. Our focus over the recent years has been on aircraft, ships, rolling stock, façades, doors and glazing systems as well as on batteries and automobiles, to name but a few. All products and systems developed by svt not only meet a wide range of different fire protection requirements, but also satisfy other specific conditions, including fitness for use on combustible substrates, exceptional weathering resistance and savings in weight.



In-house fire testing facilities

svt plays it safe, too: We have state-of-the-art in-house fire testing facilities in place, where both R&D-centred experiments and special performance tests on existing products are conducted.

All insights gained from fire testing feed directly into our technological approach, thus ensuring highly efficient solutions at all times – for even the most challenging of circumstances and environments. When it comes to verifying specific aspects of performance, svt fire testing results may also form the basis for expert assessments or case-by-case approvals. Our furnaces are also used by collaborating partner companies that pursue fire protection development projects.

Once a product has been optimised to the level of marketability, it is submitted to renowned and accredited testing laboratories for regulatory fire testing and subsequent official approval by the appropriate authorities.

Tried and tested quality – for your assurance ... and safety

If you opt for svt, you can rest assured that you will receive top-notch products and services developed from a sense of global responsibility because we are committed to working in accordance with the latest worker health and safety principles and with due regard to the environment.








The consistently high standard to which we work is ensured and confirmed not only by our internal quality management processes, but also by in-house quality monitoring and third-party inspection of our production facilities as well as by our certification to SCCP and ISO 9001:2008 standards.

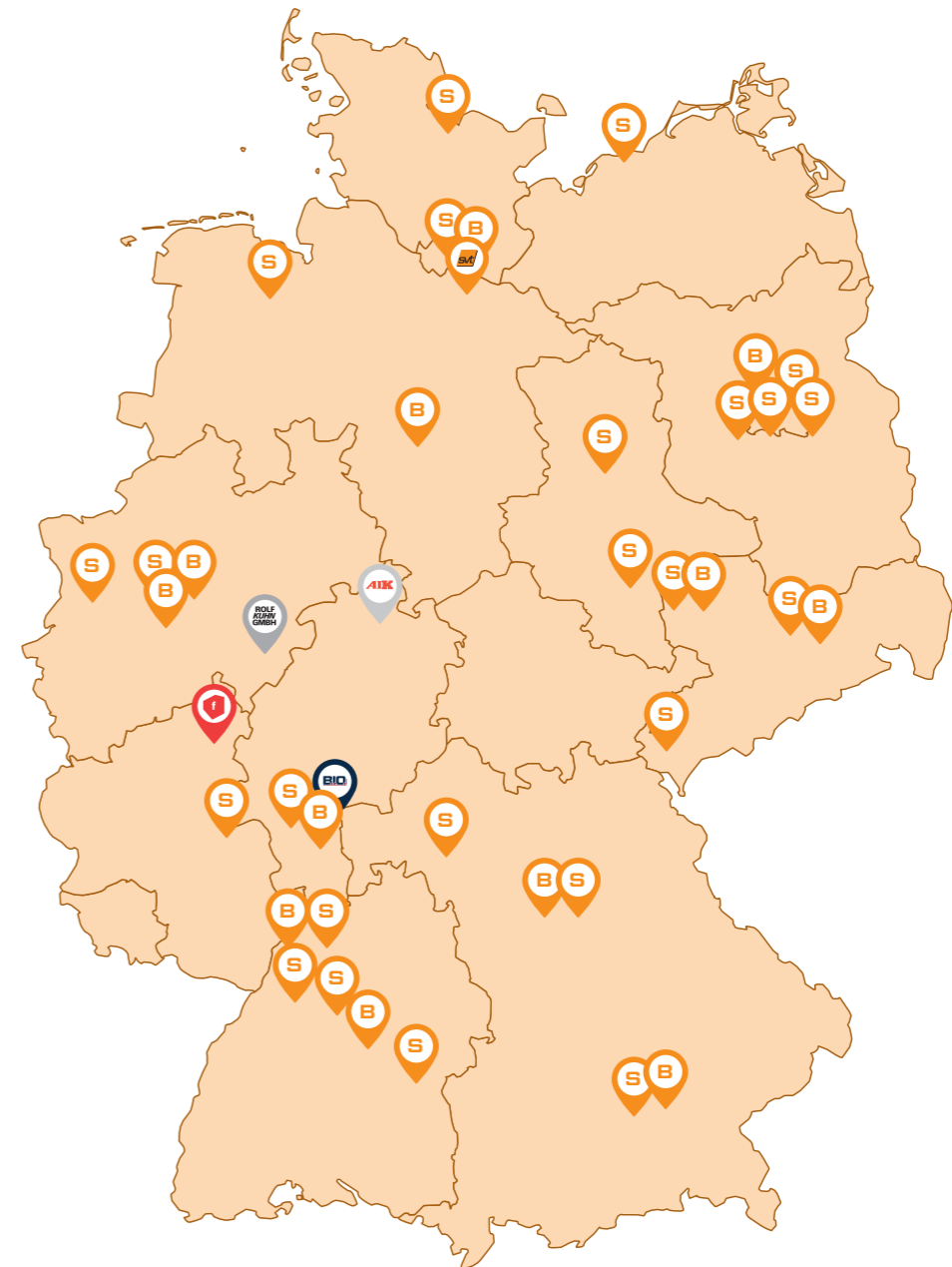
At Work Around the World

svt International

svt has made a name for itself in the international marketplace, so our products are "in action" across the globe. They are sold by our international sales team and via our subsidiaries in Poland, Russia, Ajman, Singapore, Turkey and Austria. Wherever you are, we are, too!



-  **BIO** B.I.O. Brandschutz GmbH
-  **RKF** Rolf Kuhn GmbH
-  **F** Flamro Brandschutz-Systeme GmbH
-  **S** svt Brandschutz GmbH
-  **RKF** Rolf Kuhn GmbH
-  **S** svt Brandsanierung GmbH
-  **AIK** AIK Flammadur Brandschutz GmbH



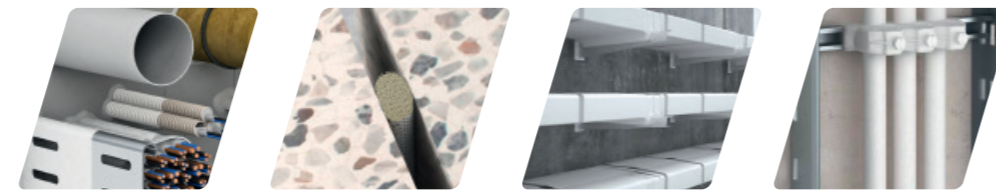
svt National

Whether you need damage restoration management or passive structural fire protection services: We are ready to serve you throughout Germany from over 30 office locations and 4 production sites.

What We Do



- 1 Fire protection in the aviation industry**
Fire protection solutions for (e.g.) planes with PYRO-SAFE® products
- 2 Fire protection in the renewable energies sector**
Fire protection solutions for (e.g.) wind power plants with PYRO-SAFE® and FLAMMADUR® products
- 3 Damage restoration management**
 - Fire damage restoration
 - Natural disaster damage restoration
 - Contaminants damage restoration
 - Water damage restoration
- 4 Fire protection in power plants**
Fire protection solutions for (e.g.) nuclear power plants with PYRO-SAFE® and FLAMMADUR® products
- 5 National product sales**
Germany-wide sale of fire protection products through our partner B.I.O. Brandschutz GmbH
- 6 Fire protection in ships**
Penetration sealings for pipes and cables on ships with GEAQUELLO® and FLAMMADUR® products
- 7 Fire protection in industrial environments**
Fire protection solutions with PYRO-SAFE®, ROKU®, KERAFIX® and FLAMMADUR® products
- 8 Fire protection in residential buildings**
Fire protection and installation solutions for buildings with (e.g.) PYRO-SAFE® products
- 9 Fire protection products and systems**
 - Research & development
 - Production
 - In-house quality monitoring performed by svt, Rolf Kuhn, Flamro & AIK
- 10 Fire protection in rolling stock**
Fire protection solutions for (e.g.) trains with PYRO-SAFE® and FLAMMADUR® products
- 11 International product sales**
Distribution of all PYRO-SAFE® fire protection products via svt's global sales organisation svt Products GmbH
- 12 Fire protection in motor vehicles**
Fire protection solutions for (e.g.) buses with PYRO-SAFE®, ROKU®, KERAFIX® and FLAMMADUR® products
- 13 Fire protection in public buildings**
Special fire protection and installation solutions for public buildings, e.g. cable fire protection in escape and rescue routes with PYRO-SAFE® products
- 14 Fire protection in tunnels**
Installation of fire protection systems designed for safeguarding tunnels



End-to-End Fire Protection Installation Services

Drawing on a wealth of specialist know-how in fireproofing (new or existing) residential buildings, industrial buildings and special buildings (such as hospitals, retirement homes, airports, shopping centres etc.), we offer an extensive array of services, ranging from standard fire protection options to highly customised one-off solutions. Our experts are committed to providing to-the-point advice and will answer any questions you may have – in the way you choose, and either off or on your premises.

Cable, pipe and combined penetration seals

Whether penetrants need to be routed through solid walls, plasterboard walls or floors, whether a mortar-based penetration seal or a mineral fibre penetration seal is required for fire protection, whether the penetrants are cables, pipes or a cable/pipe multi-all mix – we will install both our own systems and products from other manufacturers expertly. Of course, we can also provide maintenance services for existing systems. In a nutshell: We will devise just the right solution to fit your specific scope of needs!

Cable coatings and bandages

Depending on your requirements, we will apply fire protection coatings, assemble fire protection boards to form protective cable ducts, and/or we will protect your penetrants with cable bandages.

Fire protection ducts and protective panelling

We are experts at fire protection panelling “across the board”: From careful assembly and fitting of protective cable ducts, via panelling of steel girders and ventilation ducts, down to fire protection panelling of shaft walls – we cover the entire range of services in this field.

Sealing of joints and fire dampers

We install our own systems and products from other manufacturers with utmost care. If required, we will also provide maintenance services in and around the joints of your existing penetration seals.

Installation shaft backfilling

Installation shaft backfilling is an affordable option for fireproofing existing buildings. In the event of a fire, it will effectively prevent both the fire and the smoke from spreading to other units of the building. Also, if you opt for this solution, you need not fear the inconvenience usually associated with on-site work.

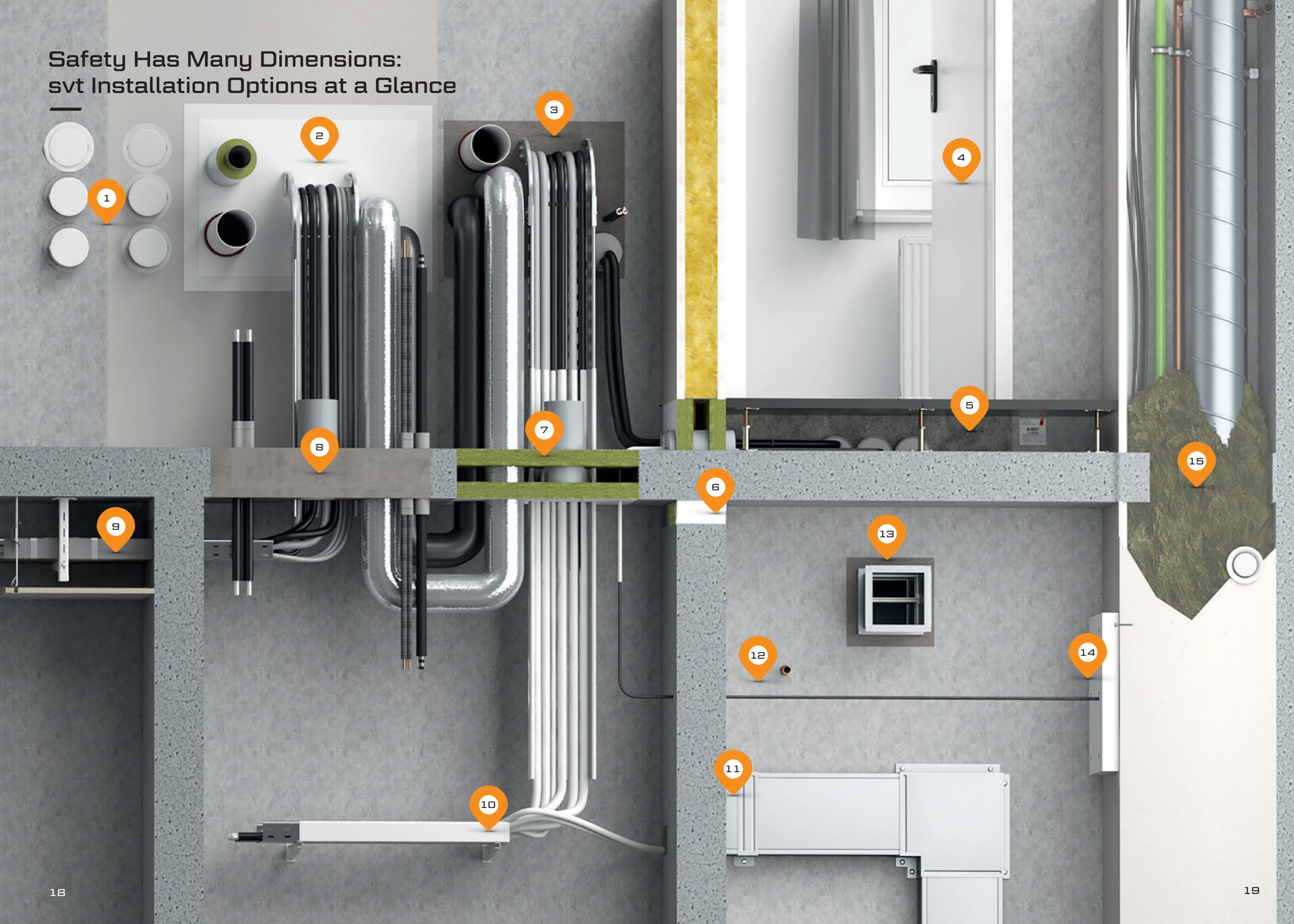
Tailormade solutions

Standard systems cannot always fill the bill as installation environments and requirements may differ significantly from project to project. To be on the safe side, we prepare our fire protection concepts down to the last implementation detail and devise bespoke solutions that we subject to extensive testing in our in-house fire test facility for subsequent third-party assessment or approval by the local building inspection authority.

The svt grinding process

Should your flooring materials contain asbestos-based adhesives, there is no need to worry: Thanks to our certified grinding method, any such materials will be removed safely and residue-free. The operation is carried out with a minimum amount of vibration and noise so that adjacent rooms can continue to be occupied for “business as usual”.

Safety Has Many Dimensions: svt Installation Options at a Glance



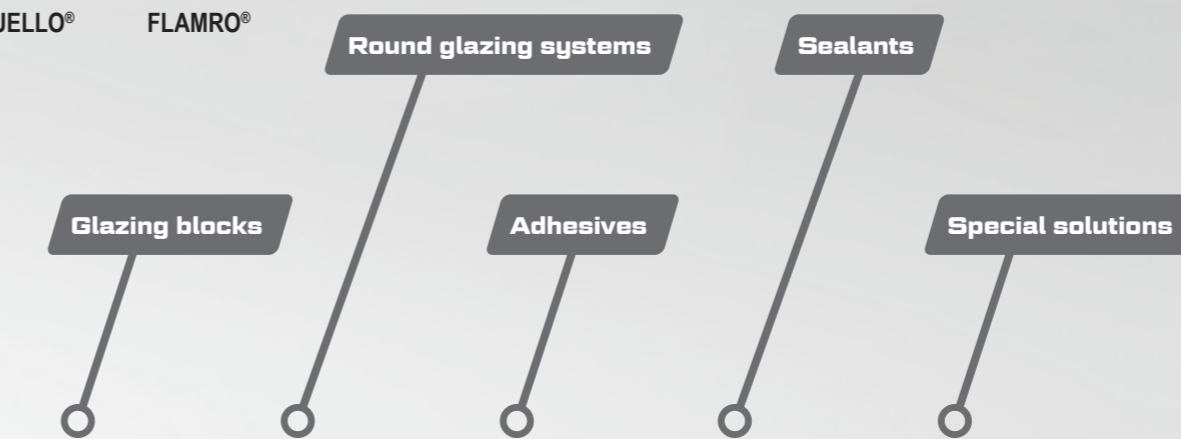
- 1 **Cable penetration sealing solutions**
For example: PYRO-SAFE® CT Cable Tube
- 2 **Mineral fibre penetration sealing solutions (wall)**
For example: PYRO-SAFE® Flammotect COMBI 90
- 3 **Mortar penetration sealing solutions (wall)**
For example: PYRO-SAFE® Novasit COMBI 90
- 4 **Installation of all types of fire doors**
- 5 **Raised floors**
For example: PYRO-SAFE® CT ML Cable Tube
- 6 **Fire protection in and around joints**
For example: PYRO-SAFE® Joint Sealing System
- 7 **Mineral fibre penetration sealing solutions (floor)**
For example:
PYRO-SAFE® Flammotect double-layer
- 8 **Mortar penetration sealing solutions (floor)**
For example: PYRO-SAFE® Novasit COMBI 90
- 9 **Fire protection systems for cables**
For example:
PYRO-SAFE® DG cable bandage
- 10 **Cable coatings**
For example:
PYRO-SAFE® FLAMMOTECT-A cable coatings
- 11 **Fire protection ducts**
For example: Fire protection cable duct systems,
e.g. installation ducts (rated for fire exposure from
the inside)
- 12 **Solutions in accordance with MLAR (German
Model Conduit Systems Directive)**
Fire protection systems for combustible and
non-combustible conduits and cables in accordance
with MLAR/LAR (German Model Conduit Systems
Directive / German Conduit Systems Directive)
- 13 **Fire dampers**
For example: Feusilit FSK
- 14 **Surface-mounted fire protection systems
(single-sided installation)**
For example: PYRO-SAFE® Universal-V
- 15 **Installation shaft backfilling**

Our Products – Working for Your Safety

Practice makes perfect: We boast over 50 years of experience in developing and manufacturing our own fire protection products, so we know first-hand what real quality is all about: diligence! The quality chain starts with the careful selection and meticulous inspection of raw materials and also covers proper sample storage. All our formulations are tested for compliance with a range of key parameters, such as effectiveness and environmental compatibility. If required, our formulations can be adapted to suit specific customer needs.

Our products work for your protection – in a tried, tested and trustworthy manner:


PYRO-SAFE® ROKU® KERAFIX® FLAMMADUR® GEAQUELLO® FLAMRO®

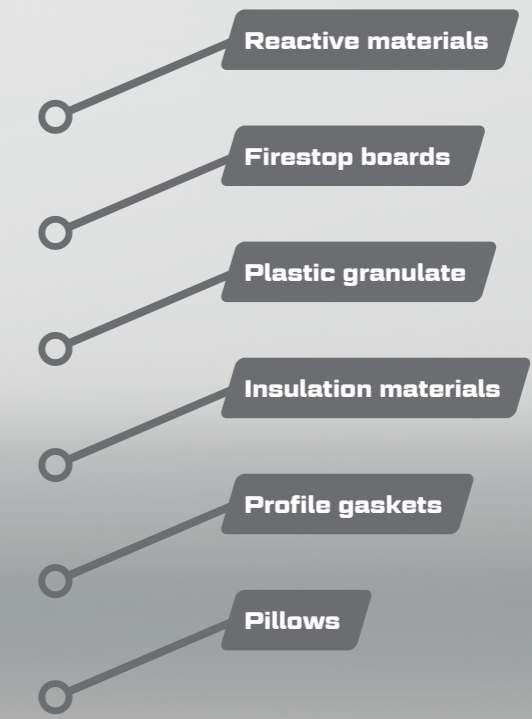
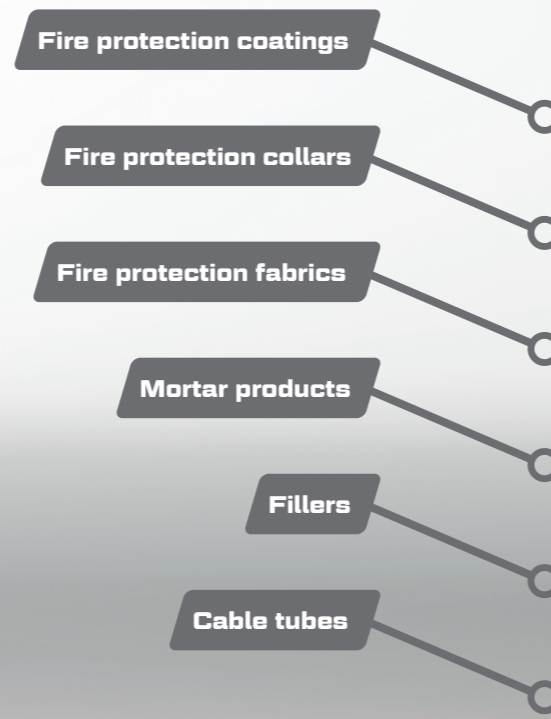


Put Your Safety in Good Hands – It's Worth It

In the event of a fire, there is no safety without expertly installed fire barriers and proper system interfacing. Therefore, our service teams will install not only svt's own fire protection systems with utmost care, but also systems from other manufacturers.

We at svt are committed to devising bespoke solutions that really fit ... and work for you. When we come to your site, we will take the time and inform you about all feasible options. Preparing quality documentation to your requirements is also a matter of course for us.

 more information overleaf



Fire Protection Solutions for Your Industrial Applications

The industrial domain is a vast field where made-to-measure fire protection solutions complying with ever more stringent safety requirements are in high demand. Each industry is different, and so is each site. Therefore, we work closely with our customers to develop tailor-made solutions that meet the entire set of specific requirements on a case-by-case basis. Whether it is rolling stock, aviation, ships, (conventional) energy, batteries & automotive or other industrial areas:

svt is the epitome of quality and will find the answer to your challenge to ensure proper protection of your people and property.

Buildings

Integrated solutions for air supply and extraction systems as well as for façade fire protection



Conventional Energy

All-round fire protection for the entire plant



Aviation

Fire protection solutions for all types of aircraft and air traffic environments



Ships & Offshore Facilities

Fire protection systems for the specific requirements of ships and offshore infrastructures



Doors, Glazing & more

Fire protection solutions for building services systems, doors and the glazing industry



Rolling Stock

Heavy-duty fire protection for rolling stock whatever the speed



Batteries & Automotive

Fire protection solutions meeting ever more stringent standards in a fast-growing market



Renewable Energy

Protection of buildings and technological equipment from the hazards of fire, gas, electricity, biological substances and liquids



Fire protection & more

We at svt look ahead and think beyond the limited box of standard fire protection. Your challenge is our motivation, and our motivation will keep you safe.

All's Well That Ends Well: Damage Restoration at Its Best



For over 50 years, svt has also made a name for itself as a reliable all-in-one service provider in the field of damage restoration. Whether you need help with damage from fire, water, contaminants or natural hazards: We care. And we manage. From on-site damage inspection and submission of a non-binding quote for damage restoration, via smooth coordination of all required activities and trades to be involved, down to complete damage restoration and final acceptance of the site – we offer the whole range of services from one single source.

Thanks to our nationwide network of service locations, we will be close to you wherever you are and can thus guarantee comprehensive local support in the event of damage. Our damage reporting hotline is at your service 24 hours a day.



Damage from fire

- **Analysis:** After assessing the type of damage in accordance with VdS 2357 (Guidelines for Fire Loss Restoration), we will first undertake swift damage mitigating measures. In the next step, we will remove, in an environmentally compatible way, any byproducts left by the fire.
- **Restoration procedure:** Depending on the identified damage profile, we will implement the appropriate restoration method. In doing so, we will seek close cooperation with the claims adjuster and the appointed experts, if any.
- **Specialisation:** Our focus is on manual methods, ranging from aspiration and ultrasound via blasting processes down to special techniques, such as phosphatising of corroded metallic surfaces in cases where reinforced concrete building elements exhibit major chloride contamination.
- **Further measures:** To remove odour pollution, we use a variety of methods, including the singlet oxygen method, the ozone method or dry fogging with essential oils.



Damage from water

- **Analysis:** Each water damage restoration process starts speedily with a thorough damage survey by our experts, who will also undertake first damage mitigating measures and devise a plan for further action.
- **Restoration procedure:** We will ensure rapid and successful restoration of your water damage, whether the damage is due to burst pipes, extinguishing water or other issues. Also, we will take care of coordinating the trades involved in the restoration process and maintain contact with the people affected by the water damage.
- **Leakage:** Leakage source localisation requires particular care. We proceed efficiently in each case, making sure to keep intervention on the building structure to the smallest minimum possible, e.g. by using thermographic or endoscopic techniques.
- **Immediate measures:** We will check the electrical system, install a containment barrier to separate the affected areas from the non-affected areas, pump out the residual water and ensure protection of the affected inventory.



Damage from contaminants

- **Identification:** We are experts not only at determining the presence and type of contaminants with the help of specific measurement and analysis methods, but also at assessing their impact on the environment and people.
- **Analysis:** The insights gained from the identification process guide us in the selection of the appropriate method of contaminant damage restoration.
- **Restoration procedure:** We offer the entire range of services – from damage survey via action planning down to implementation of all required restoration measures – as an integrated and thus affordable one-stop solution. Contaminant damage restoration by svt is both efficient and successful, and we always work to reduce contamination levels to below the legal limits.
- **Specialisation:** Our certified grinding method allows us to remove asbestos-based adhesives from any mineral substrate – safely and residue-free. Grinding is carried out with a minimum amount of vibration so that adjacent rooms need not be vacated, but can be used as usual while restoration work is in progress.



Damage from natural hazards

- **Experience:** We are specialised in restoring damage caused by natural hazards – e.g. damage from hail, storm, flood, inundation or snow pressure – efficiently and in a way that leaves nothing to be desired. We are conversant with the relevant statutory provisions in force and are holders of all pertinent certificates of competency.
- **Handling:** From prompt damage mitigating actions to complete damage restoration: We guarantee professional and efficient project management. We never use a “cookie cutter approach”, but rather identify the steps to take not only in light of the cause of the damage, but also in meticulous alignment with the specific conditions of the site.
- **Restoration procedure:** As soon as restoration works can begin, we will first build a picture of the situation and then take on-the-spot measures. Depending on the circumstances of the case, these measures may include static safeguarding of the building or disconnecting of supply lines.
- **Further measures:** We will also ensure separation of the affected areas from the non-affected areas by installing containment barriers, and we will take steps to protect the affected inventory.

Your Trusted Partner in Damage Restoration

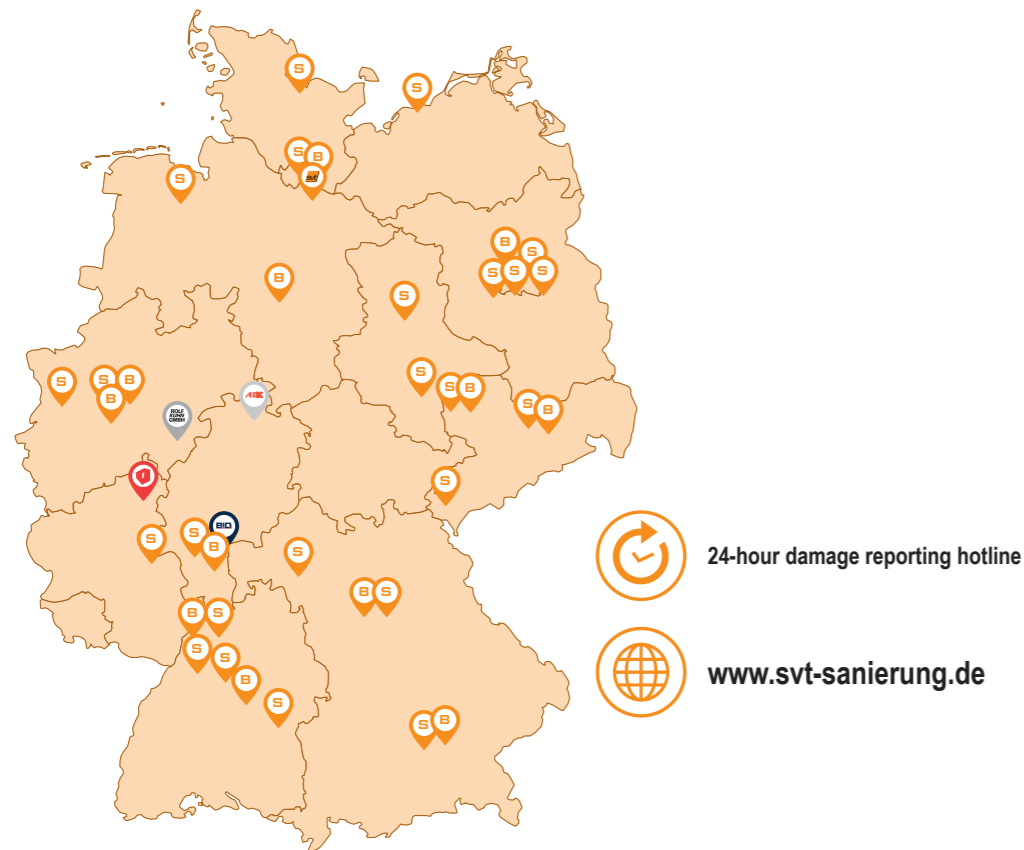
If you opt for svt, you can rely on a strong partner by your side in all matters relating to the restoration of damage, whether resulting from fire, water, contaminants or natural hazards. We will take care of your needs and help you get back to normal – in a quick, straightforward and empathic way. In other words: Our people are committed to working for your best outcome.

We at svt have the expertise and equipment to restore your building to the pre-damage condition in the shortest possible time, thus ensuring speedy return to operation, reletting or reuse.

Figures that speak for themselves

svt boasts **25** locations with a special focus on damage restoration management – so wherever you are, we won't be far.

The svt staff includes **270** people specialised in damage restoration management – and our reporting hotline is at your service 24 hours a day.



Don't worry, be happy:
We will give you good reason to smile again.

Tips for Damage Prevention

Tip No. 1: Use devices that carry an approval mark

Many fires are caused by malfunctioning or overloaded electrical equipment. The risk of fire can be significantly reduced by the use of devices that carry an approval mark, e.g. CE, VdS or GS.

Tip No. 2: Do not overload sockets or electric lines

Be sure to never cascade (series-connect) multiple socket strips. Always replace a device if its cables exhibit brittle insulation or loose contacts.

Tip No. 3: Use a lightning conductor

Outdoor lightning protection systems and indoor three-level lightning protection systems act as a safeguard against fire and provide protection from overvoltage.

Tip No. 4: Keep an eye on the water metre

If the water metre continues to move when no one is using water in the house, this may be a sign of a leak. A drop in water pressure may also be a symptom of a leak in the line.

Tip No. 5: Use water leak detectors

Water detectors work in a way similar to smoke detectors. They are equipped with sensors capable of detecting unusually high levels of humidity. If humidity exceeds a certain limit, they will sound an alarm. Some water detectors can even send an instant notification of the alarm to your smartphone.