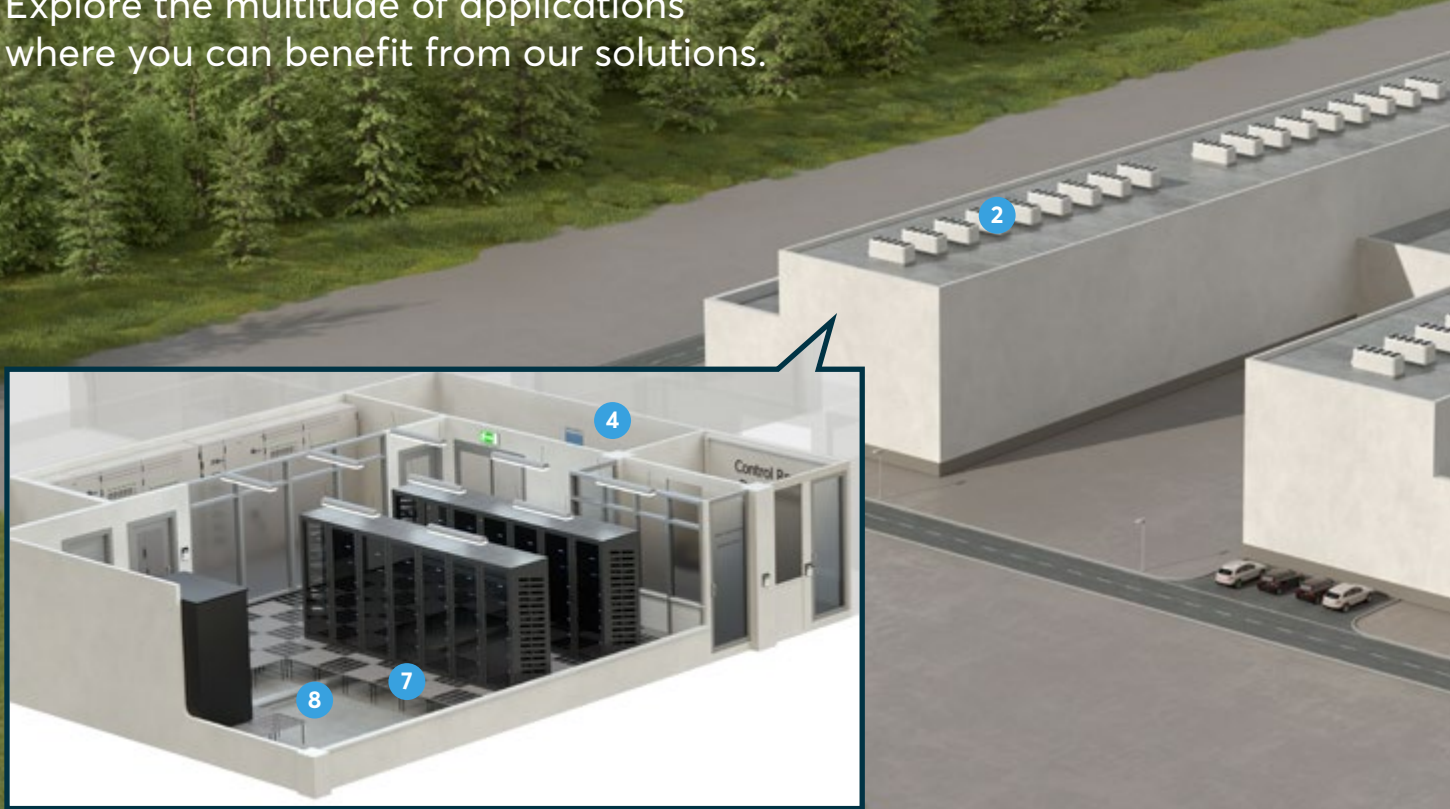


Applications for Roxtec cable and pipe seals in data centers



Roxtec solutions for protection of data centers

Explore the multitude of applications where you can benefit from our solutions.



1. Network room exterior

Exterior penetrations exposed to water and rodents are always at risk. Use our entry seals to secure underground and aboveground power cable and fiber penetrations in duct banks and cable trenches as well as openings for cable trays. Using Roxtec makes it easy to seal large openings from fire, water and pests, and thereby minimize the risk of downtime.



2. Rooftops

When HVAC, ventilation and air conditioning, equipment is located on rooftops, it can be a challenge to protect penetrations. Use the smart Roxtec Swan Neck seals to maintain water-tightness and prevent water infiltration, or install our Roxtec GH transits to ensure water-tightness in horizontal installations.



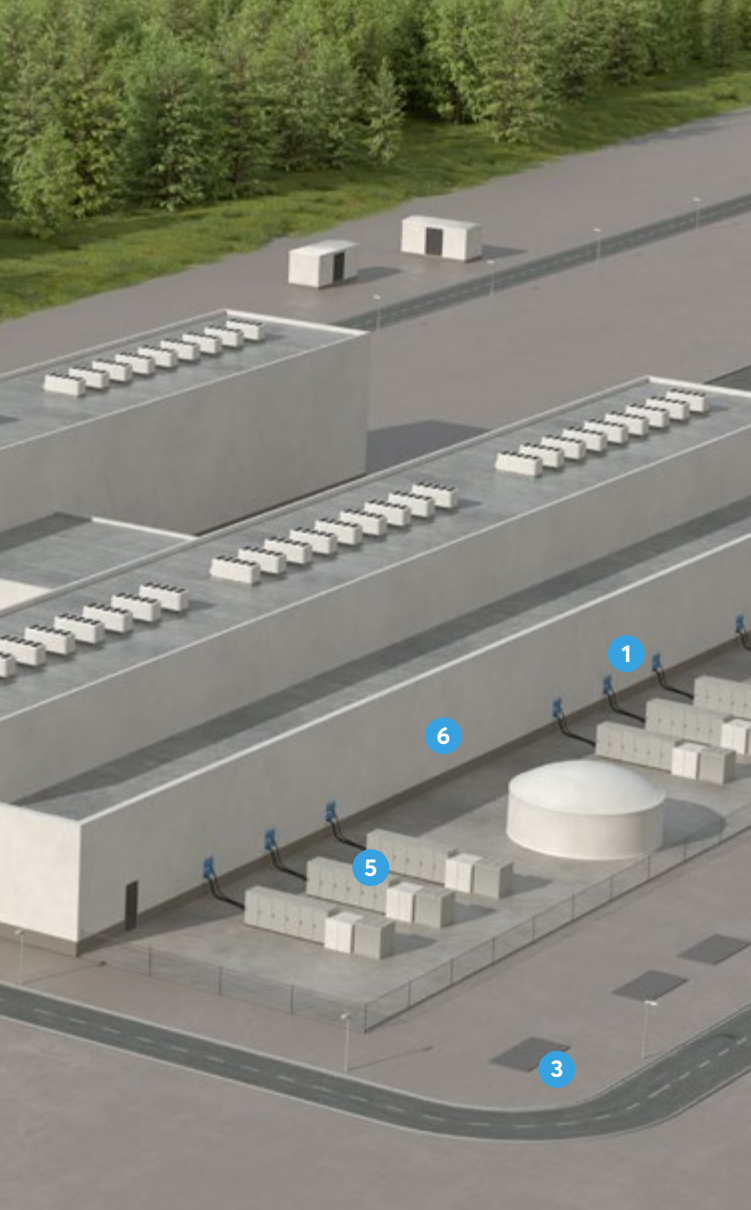
3. Underground fiber

Underground fiber distribution must be efficiently protected against water ingress. Roxtec round seals for underground use are perfect for sealing around fiber cables in duct banks, vaults and hand boxes to protect critical infrastructure in data centers.



4. Server rooms

Interior walls between server rooms and network rooms need to be protected against the spreading of fire with approved firestop devices. The modular-based design of Roxtec transits allows for high cable capacity and area efficiency while meeting fire requirements.



Superior protection

- Watertight – protect critical infrastructure from water ingress
- Fire-proof/smoke-tight – maintain firestop requirements
- Air-tight – minimize bypass air and increase cooling efficiency
- Physical security – secure penetrations from unwanted intrusion
- EMI/EMP protection – ensure electrical safety

Why use Roxtec?

- Durability of design and materials throughout the lifecycle
- Engineered solutions for optimal performance and function
- One solution protecting against multiple hazards
- Air-tight solutions for increased energy efficiency
- Built-in spare capacity for future upgrades

roxtec.com/datacenters



5. Vaults and pits

Underground power distribution and connections for generators in data centers must be protected against the constant threat of water. Every cable pit/vault or hand box represents a possible leak path and is a risk for the entire infrastructure. Our seals for underground use are ideal for sealing around power cables in duct banks, vaults and hand boxes.



6. Transformers/generators to switchgear

Securing power supply and power distribution in data centers is critical for maintaining uptime. Seal cable bus and conduits, above and below ground, to avoid equipment failure due to water ingress. In critical areas, Roxtec seals can also be used to prevent fire.



7. Raised floors

Increase existing cooling capacity by sealing raised floors with Roxtec seals. Our solutions provide air-tightness to reduce bypass airflow and increase data center cooling efficiency. According to airflow analysis, energy consumption is lower and power user efficiency better.



8. Mechanical piping

Roxtec solutions are used around plastic pipes, metal pipes and conduits of various sizes entering buildings both above and below ground. Our seals prevent water, fire, pests, hazardous gases and other environmental hazards from entering buildings.



Enable expansion and efficient energy use

Roxtec top level safety seals protect cutting-edge data centers and server halls against fire, water and air leakage to ensure nonstop operation. The seals help you control the facility climate and can contribute to lower cost of cooling. The openable seals provide spare capacity for scalable and growing data centers.

Find your transit on www.roxtec.com

We are present worldwide as well as online to provide the best possible service and support. We recommend you to visit roxtec.com where you can find certified cable and pipe transit solutions for more than 100 applications and benefit from the easy search functions for both sealing solutions and certificates. You can also simplify your daily work by using the free, online tool Roxtec Transit Designer™.

You are always welcome to contact us with any questions and requests.