

Physical security and standards



When you allow a partner to manage the operation of your business-critical IT systems it's a given that you won't need to worry about fire, theft, computer breakdowns or data losses. As a customer of Tripnet, you can feel safe knowing that your business-critical IT systems are protected and secured.

- We are a secure company and we own our own data centers. Together with contracted expertise we operate our data centers without any third party being able to compromise operation or security.
- We manage your data in Sweden. Your data will never cross Sweden's borders and it cannot be accessed by any party overseas.
- We know how to minimize incidents. If an incident does occur we have the routines, processes and programs to handle everything.
- Your data is accessible to you only. You know where your IT system is and you can get physical access to the equipment.
- Your data is not available to others. All IT systems are organized technically so that outsiders cannot access your system.
- You can trust Tripnet's technicians. Tripnet signs non-disclosure agreements with all authorized staff to guarantee that information is never passed on to a third party.

Safe and secure IT systems

For Tripnet, security means that your IT system is secured both physically and logistically. That means that no-one without authorization can gain access to your data, and that data cannot be lost.

Tripnet takes responsibility for your IT system

Different IT systems require different solutions. It's important therefore to classify how critical your data is and manage it accordingly. All our data centre services have redundancy in the form of firewalls, load balancing, Internet, server capacity, data storage, security back-ups and archiving. We'll help you to secure your IT system so that it meets the demands of your business for both security and availability.

Redundant data centers and networks

Tripnet Datacenter comprises physically separate data centers with redundant networks. That means no risk for you of being hit by a broken connection with the Internet or other servers. If a switch breaks, another one takes over and if a fiber channel goes down, communication continues via another link.

Disruption-free power supply

Our data centers are equipped with disruption-free power supplies. This means that your IT system cannot be compromised by a power cut. An electricity supply from a reserve station switches on automatically and guarantees continual supply to your IT system.

Surveillance and alarm management for your IT system

We monitor your IT system 24/7 every day of the year via our Monit surveillance system. If Monit receives an alarm signaling an operational disturbance there is a carefully planned schedule of corrective measures. This means fast prevention of a problem that could otherwise escalate.

Access controls

Only authorized staff can access the Tripnet Datacenter after signing a non-disclosure agreement. All entrances and exits are logged.

Surveillance and alarm management for physical operation environments

The data centers are monitored by high-resolution video cameras with digital recording. Sensors connected to the cameras trigger automatic recordings and alarms. Tripnet Datacenter has been built around a sophisticated alarm system with several alarm-protected areas on the outside protecting the equipment. There are separate secure zones within the data centre along with panic alarms.

Fire detection and fire safety

Tripnet Datacenter has a laser-based system that analyses the air continually to detect gases from hot components or cables, for example. That gives us an early indication of a possible fire hazard. If a fire should break out the center has an automatic sprinkler system and an alarm that goes to the local fire station.

Climate control

We can guarantee that our data centers always maintain the right temperature. Precision coolers and double cooling systems ensure that IT systems cannot overheat, break down or be damaged. The air is filtered and overpressure in the building prevents dirt particles from entering. The right temperature and clean air increases the life length of your IT system.

Classification and standards for Tripnet Datacenter

Area	Classification and standards
Physical security	SS 817345 class 3
Tier classification (TIA-942)	Tier 1
Disruption-free power supply (USP)	Tier 1
Reserve power supply (diesel unit)	Tier 1
Redundant network	Layer 2
Redundant Internet capacity	BGP routed Internet capacity with multiple Internet operators
PUE (Green Grid)	1.54
Climate control (temperature, humidity, filtration)	Meets ASHRAE guidelines
Floor	Raised ESD
Fire protection	Meets EI120
Fire detection	Early warning
Fire extinguisher	Inert gas in accordance with SBF:500:3
Video surveillance	Activated by movement
Security alarm	Meets SSF 114:2
Access control	Meets SSF 130:6
Surveillance and operation	24/7