

# Disaster Recovery

Protecting data while ensuring continuous operations

The Disaster Recovery feature, native to Security Center, helps ensure that your data and storage are always protected and accessible even in the case of a disaster like hardware, network, or storage failure.

## How can you avoid costly data losses if your network goes offline?

Most of the time, computer systems run smoothly, but system malfunctions, network issues, natural disasters, cyberattacks, power outages—and yes, human error—can interrupt day-to-day operations and even worse, cause corruption or important data losses.

Failover protects up to five directories, as well as video recordings, and system data, so you maintain continuous access to live and recorded video streams, and never need to worry about data loss.

**Applications:**

Video Surveillance · Access Control · Automatic License Plate Recognition

### Key benefits

Deploy a cyber-resilient system that evolves with time to face current and future threats

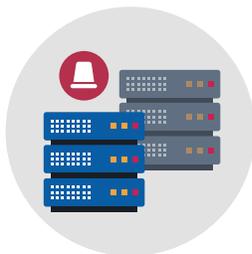
Get peace of mind without worrying about losing data or system configurations

Maintain continuous access to live and recorded video data

Continue to operate your system effortlessly, no matter the incident



## How we help



**Prevent video downtime**

Security Center Omnicast Failover Archiver detects failures of the primary server within seconds, so live video streams continue even in the event of hardware failure or network interruptions.



**Keep data safe with the Cloud**

Protect your video archives and other important data against disasters and cyberattacks with triplicate copies saved in the Cloud.



**Ensure continuous operations**

The Failover Directory solution built into Security Center can simultaneously provide hot standby and load balancing. The system will automatically connect to the least busy directory.

## A multilayered software security model

### Failover Archivers

Automatically detect a failure and act to ensure that recording and live-streaming capabilities are recovered in a matter of seconds.

### Standby Archivers

Record video at all times by enabling redundant recording and eliminate the risk of video loss.

### Hot standby and load balancing

Ensure the system automatically connects to the next available server in case of interruption.

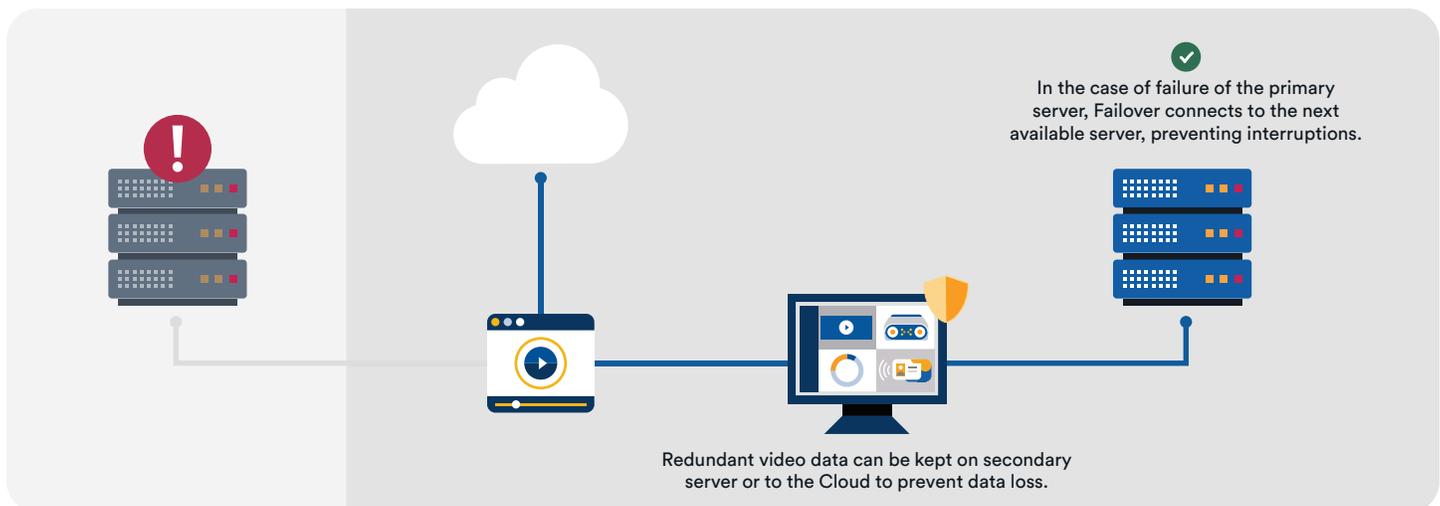
### Video redundancy

Video is replicated three times within the data center, providing greater redundancy and fault tolerance.

### Two available modes for database synchronization

Choose between backup and restore mode or SQL Always-On mode for continuous synchronization.

## How it works



## Building trust

As a provider of security, operations, and business intelligence solutions, we help you protect your organization. Being a trusted leader in the industry, we continue to work with our customers and partners to deliver solutions that provide the best protection now, and in the future.

To learn more about our comprehensive approach, visit the Genetec Trust Center at [Genetec.com/trust](https://www.genetec.com/trust)