

# Failover

CathexisVision Features



**CathexisVision**<sup>®</sup>  
Video Surveillance Management Solutions



# CathexisVision<sup>®</sup>

## Failover

### Failover model

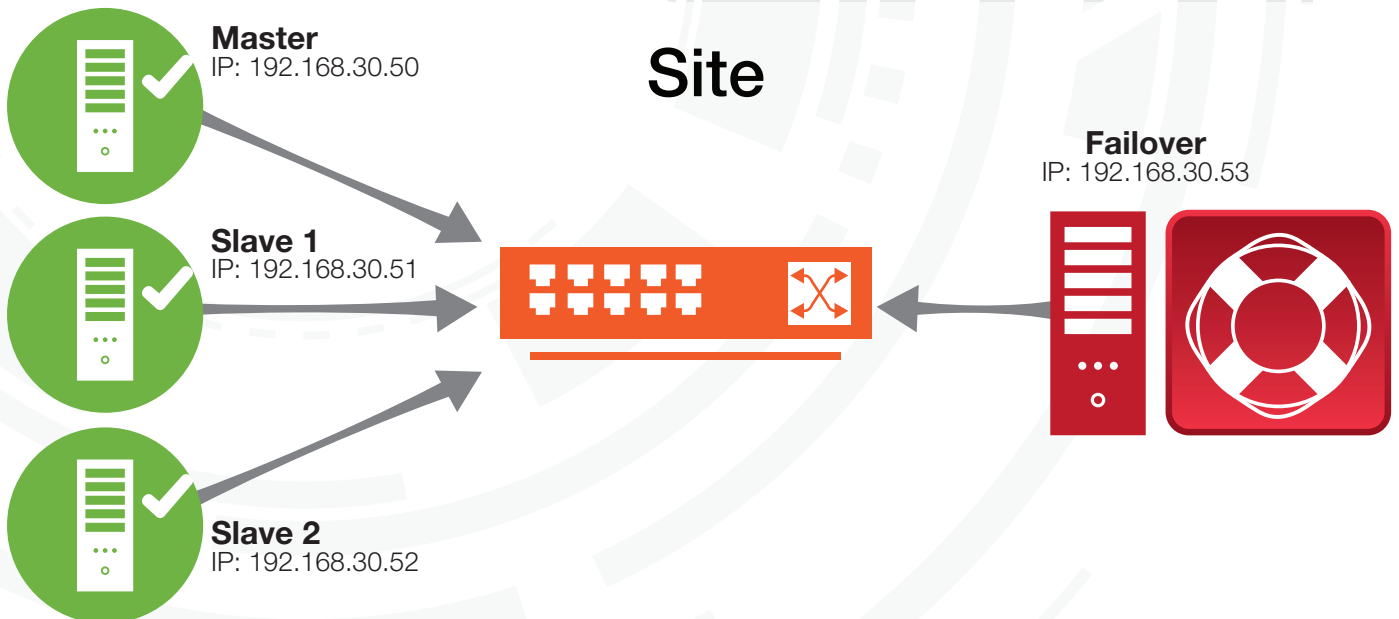
For high security and mission critical applications where downtime of the master (management) or slave (recording) servers is not an option, CathexisVision offers the option of a failover of any site server/s. This gives the customer piece of mind knowing that data loss is no longer an issue with an automated system already in-place to assimilate the role of the failed master or slave recording server. Note that the master server could also be configured as a recording server.

Cathexis uses a hot-spare model for failover. In this model, failover servers continuously monitor the site servers for failure.

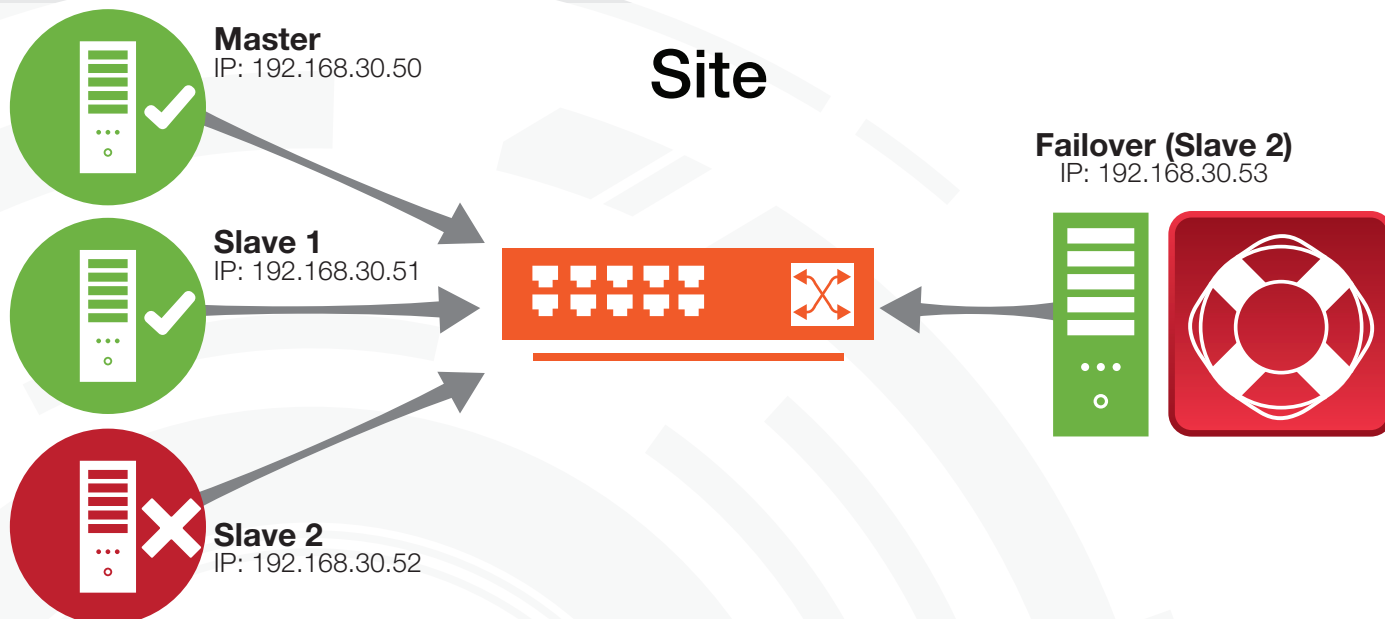
When a master or slave server is down one of the failover servers assumes the functions of the failed site server.

In the failover mode the failover server operates exactly like the failed server and the site continues to function as if the server had not failed. Video is buffered on the failover server and re-inserted into the original server's database when it restarts.

It is possible to have multiple failover servers monitoring a site. The higher the number of failover servers on the site the lower the risk of downtime. The CathexisVision VMS software can be installed on both Windows and Linux systems.



Site in normal configuration with Failover Server (192.168.30.53) available to assume the function of the master (management) or slave (recording) server. Note that there are different IP address for the different site servers and the Failover (hot-spare) server.



**Site in Failover configuration with the Failover (Hot-spare) server now assumed the function of the failed slave 2 (recording) server. The Failover server could assume either of the site server functions on a one to one basis.**

## Licensing

From CathexisVision 2018, a failover base license is included automatically in any Premium site purchased. In CathexisVision 2018 Professional sites, a failover base license (CFOR-2001) is required. A failover camera license (CFOR-1001) is required for each camera on the Professional and Premium sites. These licenses need to be purchased in addition to the Professional and Premium software license.

CathexisVision 2016 and 2017 Professional/Premium sites need to purchase the failover camera licenses in addition to their existing licenses (as for the CathexisVision 2018 Professional/Premium sites). All cameras on site must have CFOR-1001 camera failover licenses and not just sufficient for a single failover server.

A single site failover base licence can enable multiple failover servers on the site if required to reduce the risk of data loss if more than one site server fails.

## Limitations

- DVR's cannot be failed-over due to the hardware components of the device.
- If the master (management) server is failed-over the IP address will change for external connectivity purposes.
- 3rd Party integration devices that are connected directly into the server that fails will not be failed-over.