

# CASE STUDY

## Casper™ Server and Tech Editions

### Kane County Hospital Uses Casper™ Server Edition and CasperTech Edition to Prevent Data Loss and Replace Failed Drives Quickly



#### » Summary

Kane County Hospital depends on Casper Server Edition to ensure its servers are always operational. A Casper backup enables the hospital to have immediate recovery should a server ever fail. Kane County Hospital also relies on Casper Tech Edition to maintain, repair and upgrade its computer systems. With Casper Tech, its technicians easily save 4-5 hours each time a computer must be re-imaged.

#### » The Situation

Kane County Hospital serves the rural community of Kane County, Utah. Randy Riddle, Network Engineer, is responsible for the smooth operations of all the computer networks, workstations and servers throughout the hospital's campus.

Mr. Riddle needed to ensure that all of the hospital's servers always remained fully operational. All the servers were already backed up on tape and were either RAID 6 or RAID 10; however, if a server failed, it would be time-consuming to rebuild a server and restore the data from the backup tape. Mr. Riddle estimated that it could take seven to eight hours to reinstall the operating system on the replacement drive and to restore the data from the backup tape. That downtime would be detrimental to serving patients, particularly if the server was the main controller that was crucial to all areas of the hospital.

Additionally, Mr. Riddle wanted a disk cloning tool that would allow his group to re-image computers quickly. Without such a tool, it would take a technician four to five hours to put an image on the computer and update all the systems and applications. Since all the computers are Windows based, it would be ideal for the cloning software to operate completely within Windows and be easy to use.

#### Key Requirements

- The hospital needed a backup solution that could provide immediate recovery should a server fail.
- The server backup had to be reliable and complete so that absolutely no applications or data would be missing.
- The disk cloning tool must be easy to use and operate completely within Windows.



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### » The Solution

A colleague suggested that Mr. Riddle try Casper Tech Edition as it had allowed him to re-image a computer within 60 minutes rather than the four to five hours it usually had taken him.

Casper Tech Edition is a complete system cloning tool engineered specifically for Windows® and designed for IT professionals. It can easily create and maintain disk image file backups that can be stored nearly anywhere, including on network attached storage devices and drives containing other data. And, it can restore the backups just as effortlessly.

Casper Tech Edition can make disk clones of all popular Windows® configurations, making short work of hard disk upgrades and replacements on servers, desktops, and laptops.

A backup created by Casper Tech Edition can be used as an immediate and permanent replacement for a failed hard disk, restored to a new disk, or used to quickly re-image an existing disk.

In researching Casper Tech Edition, Mr. Riddle discovered Casper Server Edition which creates and maintains a complete and instantly bootable backup replacement hard disk or RAID array for a Windows server.

Both Casper Tech and Casper Server Editions allow complete system backups to be performed at any time without leaving Windows, so there is never a need to restart or interrupt the operation of a computer or server to create a backup.

#### About Future Systems Solutions, Inc.

Future Systems Solutions develops and markets innovative software solutions for the PC. Further information may be obtained by calling 800-272-5457 or by visiting the FSS website at [www.fssdev.com](http://www.fssdev.com).

*"I am a fan of Casper. It is easy to use and offers good value. It should be a part of any enterprise's backup strategy."*

Randy Riddle  
Network Administrator  
Kane County Hospital

### » The Results

Mr. Riddle installed Casper Server Edition on each of the servers and has Casper back them up to external drives. By scheduling the backup to occur daily, Casper automatically maintains current backups for him.

Casper does not store data in a proprietary format, so there is no special rescue disk or lengthy data restoration process required to facilitate a recovery. Should a server fail, Mr. Riddle can boot and run the server directly from the Casper backup and have it operational in minutes. "By using a combination of RAID configurations, backup tapes, and Casper backups, Kane County Hospital is well protected for preserving its outstanding service reputation," Mr. Riddle noted.

Mr. Riddle also had praise for Casper Tech Edition. "Before Casper," Mr. Riddle noted, "it would take four to five hours to re-image a machine. That's because of having to go through all the software updates and then restoring all the data. With Casper, I can be easily finished in 25 to 30 minutes." According to Mr. Riddle, "Casper's backups are quick and always complete. I had tried Ghost to clone the machines, but I ran into several problems and never got a complete image. Casper never fails."

It has been five years now since Mr. Riddle discovered Casper. Per Mr. Riddle, "I am a fan of Casper. It is easy to use and offers good value. It should be part of any enterprise's backup strategy."

