

# ECRS CAS with DataGuard

## Built for the Most Demanding Retail Enterprises

**cas**™ WITH **DATA GUARD**

Designed specifically for multi-store or large format, multi-lane retail businesses, ECRS' CAS with DataGuard (RAID 5) is built to keep your enterprise up and running 24 hours a day, 365 days a year. This robust, 1U rack server seamlessly provides the speed, reliability and complete redundancy you expect and require.



CAS with DataGuard is built for behind-the-scenes management of enterprise POS system applications and reliable database hosting. This premium CAS provides uninterrupted up-time with little to no direct user interaction. Because the hosting of store information and systems is the sole purpose of this unit, and because it operates with Linux technology, your chance of virus infiltration is greatly reduced.

Excluding the internal motherboard, all components of the CAS can be replaced without ever having to power-down the system. Your unit continues running even if a maintenance issue occurs. It's a data-protection insurance policy for your retail enterprise. Faster reporting and backups are powered by a 2.33 GHz Quad Core processor and 12

MB L2 processor cache. Faster data processing will allow staff to spend less time doing administrative business tasks and will increase POS transaction speed.

For the monitoring of your CAS-hosted operational processes, a Graphical User Interface (GUI) is accessible via the web from any location. This easy-to-read software interface alerts you to issues through a color-coded dashboard. Green means all processes are completing as normal and red means there is a critical issue. Only the necessary options are displayed, which simplifies administrative tasks.



ECRS Catapult software supported by the CAS with DataGuard provides the best your business can get in retail enterprise management.

# Why RAID 5 and Dual Redundant Power Supplies are important for your peace-of-mind

RAID 5 combines 3 or more disks in a way that protects against the loss of data being stored within the server. In the event you should have a drive failure, the server will continue to run as normal. A replacement drive or “hot spare” takes over for the failed drive. When you are ready to replace the failed drive, you simply pull down the front plate, press a button and gently pull the lever on the front of the drive space. The drive slides right out and the new drive slides right in. It can be done in a matter of seconds without ever losing critical up-time.

Dual redundant power supplies protect against downtime in the case of a power supply failure. If a power supply should fail, the unit will continue to run as normal while an audible alert sounds. The power supply is easily replaceable from the back of the unit. You just pull it out and slide in a new one, again enabling the replacement in a matter of seconds without ever losing server functionality.



**Alternative server suggested reboot time = 30 days**

**Linux-based CAS suggested reboot time = 365 days**

## Features & Functionality

- ✓ Customizable user security ensures only authorized users have access to critical data
- ✓ Allows for the addition of POS terminals, HHTs, self-checkout lanes and additional products/services without incurring costs typically associated with client network licenses
- ✓ Configured and shipped for out-of-the box performance
- ✓ Functions like a household appliance, plug it in and forget it
- ✓ RAID 5 with “hot spare” for data protection,
- ✓ Dual redundant power supplies
- ✓ Latest 64 bit OS Kernel
- ✓ 2.33 GHz Quad Core processor
- ✓ 12 MB L2 processor cache
- ✓ Easy, front panel component access for simplified maintenance

\* CAS with DataGuard should be placed in an area where server noise output will not disturb employees or customers.

