

## SERVER DATA RECOVERY

# SUCCESSFUL ORACLE DB RECOVERY FROM A FAILED HP PROLIANT ML310

### CLIENT

An energy storage startup on the East Coast recently experienced problems with their company server.

### HARDWARE

The company uses an HP Proliant ML310 standalone server with four 500 GB Western Digital Enterprise drives configured as a RAID 10 to store business data, including important Oracle database backup files.

### CAUSE OF DATA LOSS

The HP Proliant ML310 stopped booting as a result of what the company thought was a mechanical failure brought on by a power supply issue. Several attempts to restart and reboot the server failed to restore access. The company contacted Secure Data Recovery Services for an assessment of the cause of failure and the scope of work to restore their lost database backups.

### DATA RECOVERY

Our expert engineers conducted a thorough diagnostic in our secure data recovery lab and discovered a lost RAID configuration and corruption throughout the file system. One pair of the RAID 10's mirrored drives had failed. Data would need to be extracted from the second pair of drives.

After all drives were successfully cloned in a certified Class 10 ISO 4 cleanroom, our developers de-striped the RAID and used a custom utility modified specifically for this case to recover the lost files from the still-functional mirrored pair. After manually repairing and extracting all available user data, our developers transferred the files to a secure storage server.

### OUTCOME

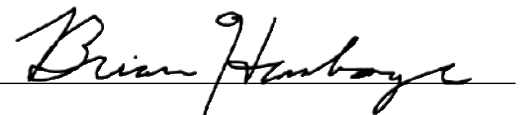
Our data recovery engineers were able to recover all 92,190 lost files comprising 860 GB. The recovered data, including the Oracle database backups, were transferred from our storage server to a FIPS-validated and hardware-encrypted 2 TB SecureDrive® KP external portable storage device for advanced data protection during return shipment.



Any RAID failure requires quick action and the right experience to ensure that no data loss becomes permanent. Our engineers specialize in complex RAID and NAS recovery. They hold the most industry-specific certifications available to a professional data recovery provider, and they maintain a documented 96% success rate.

Call Secure Data Recovery Services at 800-388-1266 for a free consultation or to open a new case. Our customer support team is available 24/7 and can help with any of our flexible data recovery options, including emergency data recovery service as well as onsite data recovery and remote data recovery.

Signature



Brian Humbarger