



Hisar School
Istanbul, Turkey
www.hisarschool.com

Industry:

Education & Research

Employees:

290

Oracle Products & Services:

Virtual Iron Enterprise Edition
4.5.16.11

“Oracle’s Virtual Iron provides a tremendous return on investment and has been a key factor for the many sophisticated services we are now able to offer in an around-the-clock, stable learning environment. We no longer worry about the cost, time, and risk of implementing new learning systems, as Virtual Iron makes backup and disaster recovery much easier.”

– Bahadır Yildiz, IT Manager, Hisar School

Hisar School Reduces Hardware Costs by 75% and Accelerates Server Backups by 90%

Hisar School is a private academic institution run by Hisar Educational Foundation and committed to promoting modern and exemplary academic education in Turkey. Currently, 177 teachers educate 925 students in primary school and 263 students in high school.

Challenges

- Consolidate 15 servers to reduce space and power consumption and ease server management while providing a stable, around-the-clock availability learning environment
- Simplify server setup and configuration for multiple operating systems (such as Linux and Windows) and versions
- Implement a more efficient way of backing up data while minimizing down time to less than one hour
- Prevent learning portals (such as Moodle), content management systems (such as Joomla), libraries, and other applications from interfering with each other when updated or restarted by installing each one on a different server
- Keep servers running in case of a hardware malfunction or restore them to previous state after update failure with minimum effort to ensure uninterrupted school operations

Solution

- Consolidated 15 servers into four physical blades with Oracle’s Virtual Iron solution, thus reducing hardware and maintenance costs by 75%
- Provided a more stable learning environment through full server remote image backup which is 90% faster than traditional methods with only one-third the downtime
- Removed a full rack of hardware from the server room and fitted all traditional server hardware into one, single 7U blade
- Made it possible to run five additional servers on the same nodes by setting up and cloning virtual servers, reducing server deployment from several days to one hour at most
- Ensured uninterrupted school operations by reducing hardware failure downtimes to only one minute through LiveRecovery
- Decreased testing of server software by hours, enabling a rollback to the server’s previous state in minutes, if required
- Enabled two ITC staff to focus on other important IT areas