

## **Databarracks Solution**

### **Firewall**

Databarracks storage systems sit behind a fully redundant, dedicated firewall. Our firewalls are constantly updated and maintained by and audited by firewall security specialists.

### **Mirrored servers**

Data is then kept on mirrored servers; these are UNIX based storage servers, which are controlled by Windows servers. All of Windows control boxes and our UNIX storage arrays are mirrored hot swappable.

### **Tape back up**

Our systems are backed up daily onto tape. These tapes are then indexed and stored in a fire and water proof cabinet in a secure location.

### **Future product development**

Databarracks will be further mirroring all systems in the Greenham Common nuclear bunker. Although this is more of a requirement for financial institutions, it will add an even further level of redundancy for all of our customers. As time goes on we are looking at clustering of our storage arrays. We are aiming to have a real time mirror of information in UK, US, Europe and Far East.

### **Added services:**

As well as the online element of the Databarracks service. Databarracks offer various ways of recovery in the event of a system failure.

### **Online recovery:**

In the event of a system failure, Databarracks can pipe the data back to the live or replacement server, either in situ or in a Disaster Recovery centre, this can be done by your own IT staff with the support of Databarracks if required. This online re-population of the system will be commenced within an hour of receiving a request.

**Archive Recovery:**

Recovery from our tape archive can be available within two hours of the request being made. There may then be a further delay depending on where physically on the tape the required data is. The whole operation should be completed with in 4-6 hours of the request being made.

**Physical Recovery:**

If required, Databarracks can re-supply the data in a physical media. This can either be populated onto a new server, removable hard drive, DVD, CD or Tape. This can either be couriered, or bought personally to the clients DR centre, new or current operations centre, normally within 24 hours of the request being received.