

## Hosting

Arrow uses a dedicated Hosting DATA centre because we believe in using the best people for the right job. Below you can find a list of considerations when choosing a Hosting provider and how our data centre company believes it should be done.



### power

Our 400 KVA dedicated electricity supply was designed and installed to meet our diverse electrical needs. Power is routed through our lightning protection, Generator changeover panel and redundant UPS's before getting to the servers. This ensures that all power to the servers is supplied at a smooth rate.



### ups

Two 80 KVA Uninterruptible Power Supplies protect our network in cases of power failure, should the power to our network fail our high power UPS automatically takes the load of all the servers and network hardware. Our UPS system by UPS Power is a scalable, redundant power protection system for centralised servers, data centres and high availability applications.



### generator

As our second line of defence against power failure we have installed a 250 KW industrial generator, capable of supplying enough electricity to our entire data centre and office area for an indefinite period of time. This means that in the event of a major utility power failure your web site will still be available.



### lightning protection

To guard against the threat of lightning (which could send spikes through the electricity supply and damage servers) we have installed a Furuse lightning protection system. If an illegal spike is detected the system automatically takes this spike and destroys it. This system provides protection between all sets of conductors (phase to neutral, phase to earth and neutral to earth) ensuring total protection and closing all transient paths to equipment.



### network monitoring

Should any network component/server fail (such as a switch or router) our on site system engineers are automatically notified in screens throughout our network operations centre. By having staff on site 365 days of the year we are able to respond to system failures within the fastest time possible.



### fire protection

Should a firebreak out in the data centre then our FM200 Fire Suppression System will be triggered, in seconds FM200 gas will be released into the room extinguishing the fire.



## air conditioning

Our data centre is equipped with powerful air conditioning to maintain a consistently controlled environment.



## water detection

In the unlikely event that water leaks into the data centre then sensors throughout the area will detect the leak and sound the alarm to our staff.



## servers

Our data centre is home to thousands of servers including Sun, IBM, Compaq, Dell and HP servers.



## raq4

We host more RaQ4's in our data centre than any other hosting company in the UK, we have a special relationship with Cobalt Networks (a subsidiary of Sun Microsystems) that allows us to provide cutting edge support and service.



## high security

Our data centre was constructed with security in mind, access to the data centre is restricted by swipe card access, and CCTV also monitors it at all times.