E-CRISTAL.COM SYSTEM REQUIREMENTS

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Minimum System Requirements

- Processor: Intel Core2 Duo CPU 2.2X GHz or AMD processor. (1 GB of RAM recommended)
- Intel processor (512 MB of RAM or more)
- JavaScript and Cookies enabled
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- 800 x 600 minimum resolution
- Java 6.0 or later
- Adobe Reader (to view reports)
- Plug-ins enabled in Safari

E-CRISTAL IMPLEMENTED SECURITY

- Website uses 2048 bit SSL data encryption
- Unique login credentials per system user account
- Complex password functionality
- Secure delivery of system generated emails
- Hierarchical data access
- Auto session logouts

KEY PLATFORM COMPONENTS

Virtualisation Technology
VMware vSphere5 Enterprise Plus edition offering full Continuous Availability, Live Migration & Data Protection

Storage Network (SAN)
Dell EqualLogic, SAS 10K drives, RAID-10 configuration across 28 spindles. Replicated to offsite location

Local Network
All servers dual homed to multiple Gigabit switches

External Network
Multiple redundant connections to upstream ISPs. Private inter-site link

Power
Dual redundant power feeds in every rack. All equipment dual PSU or PSU + DC power backup

Backup
Data backed up daily to local and off-site locations for disaster recovery purposes

Monitoring
All key services monitored 24x7 with text alerts

Security
The network includes multiple firewalls
WHERE IS YOUR DATA BEING HELD?

PRIMARY E-CRISTAL DATACENTRE – The E-Cristal Datacentre, located in Enfield, is the primary datacentre for the E-Cristal system where the servers are hosted.

SECONDARY E-CRISTAL DATACENTRE – The Secondary E-Cristal Datacentre, located in London Hosting Centre, London Docklands, is the disaster recovery site and a backup of the primary datacentre in the event of any problem.

DATA CENTRE KEY FACTS

- 24/7/365 on-site security team
- 8MVA incoming power supply to site on 11kV EDF ring
- Dual A & B supplies to all data halls & racks
- Dedicated N+N in line UPS arrangement
- Centralised N+1 Diesel standby generators with 72 hours on-site fuel capacity
- Chilled water system N+1 air-cooled chillers and pumps serving the technical and plant areas via a ring main circuit
- N+1 CRAC units within each data hall with A & B supplies available
- Diversity of carriers and fibre entry points offering fully resilient connectivity
- 3 metre high perimeter fence with manned vehicle entry gate
- Internal and External IP CCTV complete site coverage
- On-line ‘real-time’ interactive environmental monitoring system
- Biometric entry system
- Full authentication & access policy control
- Centralised water mist fire suppression system with VESDA detection
- ISO27001 accredited