



Hosting Environment

ENKON's hosting environment is deployed in a full-service Data Centre housed in a highly secure building located in Victoria, BC, Canada.

Security

Access to the Data Centre is restricted, and has 24/7 monitoring for police and emergency notification. Security features include video surveillance, full motion sensing, locked cages inside secured floor, servers bolted to server racks, which are bolted to the floor, automatically locking server room doors, additional key-controlled access, and locking server cabinets. An automated log of room access is maintained.

ENKON servers are housed in rack space in a secure environment with HVAC (Heating, Venting and Air Conditioning), fire protection and AC power as well as back-up power.

A Liebert 225KVA UPS provides power protection to allow the production equipment to run uninterrupted until the Data Center's diesel back-up power generators are completely powered up and on line. Three days' fuel is maintained on-site at all times.

In the event of a long term local power outage, ENKON can execute critical office functions from its Vancouver facility to the Victoria Data Centre, and from within the Data Centre itself.

The Data Centre's fire suppression systems are monitored constantly, and use a combination of sensors, including smoke, "Rate of Rise", and heat sensors. The fire extinguishing system uses a waterless, clean agent, which is fast-acting, environmentally

acceptable, and safe to use with sensitive equipment.

ENKON maintains two connections to the Internet backbone: a full duplex fiber-optic connection, and a back-up copper connection. System access speeds are typically dependant on the client-side connection; our systems automatically detect the client's connection speed and adjust accordingly.



ENKON uses Cisco enterprise-class firewalls for Internet security and intrusion protection. They protect our systems from unauthorized access, and log any and all network traffic to and from these systems. Fail-over firewalls are used as an emergency back-up in the remote case of the primary firewall failing.

ENKON's anti-virus software is Symantec AntiVirus Corporate Edition and it is set to automatically update with each new definition file.

Hardware and Backups

Data are stored on high-speed disk arrays in a RAID 5 configuration for data sets, and a RAID 1 (mirror) for the operating system partitions, and are backed-up on a daily basis. The back-up systems utilize a multi-tape autoloader system coupled with the Veritas BackUp Exec software suite.

Daily differential back-ups are run on all systems, and full back-ups are twice a week. Back-ups of each of the servers are sent off site twice a week to an underground storage facility. Here, a rotation of weekly back-ups, as well as monthly back-ups, is maintained.

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