



# INFRASTRUCTURE

*With the capability to provide application environment and quality of service.*



## Multiple Data Centers concept

Deploying a multiple Data Centers concept, WebServer's enable you to get into your online business fast, to avoid huge up-front infrastructure cost, and to exploit efficiencies and economies of scale possible companies specializing only in infrastructure provision.

## Power Management Systems

Dual power feed with dedicated circuit breaker at every rack, would minimise power outage to small isolated area in case of power trip, triggered by equipment faulty within the rack. Dedicated power substation backed up by 850KVA-diesel generator, which could run at least 48 hours before refueling.

## Environmental Control

Meeting the humidity, ventilation and air-conditioning (HVAC) environment, the Data Centers are maintained at a pleasant 22C with 50% Relative Humidity to provide an idyllic working environment for its equipment.

## Security

WebServer rates security as equal importance along with performance and reliability. It is equipped with surveillance cameras to monitor every section of the centre and controlled by security guards 24x7. Security is therefore an ongoing process in WebServer and not as a goal that's achieved and forgotten.

## Fire and Water Detection System

All equipment is safeguarded by a fire detection and suppression system called Fire Master 200. The system uses an environmentally friendly gas to extinguish the flames within a minute of it being detected.

The line sensor water detection system covers the walls and drainage areas routes of the Precision Air-Conditioners System to give early warning in the event of a defection.

### Internet Data Centre Specifications:

#### Class A Internet Data Centre (IDC)

- 20,000 sq.ft.on existing floor space

#### High-speed Network

- 2.5 Gbps Access Node and multiple 155mbps fully switched network

#### Electricity

- Dual powerpoint, Uninterrupted Power Supply (UPS), 850KVA diesel genset, dedicated substation

#### Air-conditioning

- precision temperature and humidity control

#### Fire protection

- Heat and smoke detectors, fire retardant cabling, FM200 gas-based fire suppression, on-site monitoring

#### Physical security

- Guarded compound, access control, CCTV

#### Online security

- Network and host security policies, systems and monitoring

#### 24-by-7

- Technical operation and customer support

#### Racking

- Open rack, locked rack and private caging

#### Racking

- Staging room, temporary storage,tape room