

PASR Hosting

Data Centre Environment

PASR provides hosting to clients in world-class data centre facilities at ICONZ Webvisions' Science Park Class A Data Centre in Singapore. PASR rents physical rack space and support facilities to do this.

Physical Environment & Connectivity

High-strength aluminium shelves

Standard 19" (19" x 84" x 32") racks

- Anodized Aluminium Frames - light weight and easy mounting
- Top cover, side vented mould
- Ventilation unit with 4 fans for maximum air-flow circulation
- Rear perforated door for rear ventilation
- Auto-locking front and back doors

Power Sockets with dual Incoming Power Feeds (Maximum power redundancy)

Multiple Incoming data links from separate core switches (Maximum data redundancy)

- See diagram below for full details

Single Port RJ45 - 10/100mbs etherswitched connection

24x7 Network monitoring

10/100 mbps connection to multiple Tier 1 backbones

World Class Facility

- Raised Flooring
- HVAC temperature control systems
- Separate Cooling zones
- Individual Rack Level Circuit Breaker

Secure 24x7 Facility

- Smoke Detection System
- Fire Suppression Systems
- Video Camera Surveillance
- Key Card Access

24x7 Redundant Connectivity

- State-of-the-art Cisco power routers
- State-of-the-art Cisco power switches
- Multiple redundant connections to the Internet
- Standby UPS systems
- Backup Generator Set

PASR Servers

- All PASR server hardware utilizes Hewlett Packard Enterprise Proliant rack-mount servers, with hot-swap fully redundant drive arrays.
- All operating platforms and data are stored on SAS hardware-mirrored drive arrays (RAID-1).
- All PASR Hardware features full *Lights-out* management capability, permitting complete access to console, BIOS and ability to load and deploy operating system and applications completely remotely via local images or optical media.
- All Internet-facing servers are deployed in locked down mode, with only required services and features installed and enabled, and firewalled to permit only authorised services.
- A separate and private local area network (non-Internet accessible) is employed to permit communications to back-end database, application and storage servers, and runs at 1GBps.
- All provided services are monitored 24/7 for availability, performance and error events.

Data Centre Connectivity

