



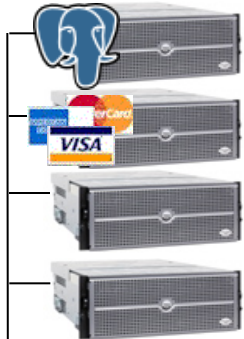
General Network Architecture (PADSS 1.2 Compliance)

OFFICE LAN

Servers

All servers should be UPS protected.
Depending on H/W choices, all servers could be on one machine (except Apache)
They are shown as separate functional devices in diagram for clarity

Purpose	Operating System	Memory	Considerations
Database	PC: 2003/8 server Mac: OS-X Intel Linux Server	4 - 8 GB	250+Gb Raid 5 or 1+0 external backup
Credit Card	PC: 2003/8, XP pro, Win 7	2 GB	use db server or Paymentech Orbital
Remote Box Office	PC: XP, Vista, Win 7 Citrix/term. Services Or fast networks/VPN	2 GB	use db server scalable
Web Listener	PC: XP, Vista, Win 7 Mac: OS-X Intel	2 - 4 GB	use db server scalable
Apache Web Server	PC: XP, 2003/8, Win 7 Mac: OS-X Intel	2 GB	standalone between firewalls mod-SSL



Ethernet Router/Firewall

Switched recommended
10/100/1000T as required
Separate sub-net



Admin

Ethernet Connected
PC and/or Mac



Box Office

Ethernet Connected
PC and/or Mac
Restricted outbound access



Ticket Printers

Ethernet for shared
Parallel (PC only) or
Serial (PC or Mac)
(may need Keyspan)



VENUE



Laptop

Wireless access
outside office LAN only

Access Mgt.

Wired (PC based)
Wireless (Handheld)
Bar code Scanners
At each entry location
Supports check in/checkout



DMZ



Router/Firewall

NAT/VPN Capable
IP to IP mapping

Wireless Access

WPA enabled
Hidden SSID
MAC secured
Outside firewall

REMOTE



Remote Box Office

VPN Access via Citrix/Terminal services
ADSL/DSL/Cable internet connection
Desktop/Countertop printers
Supports work at home

INTERNET



Internet Ticketing

Any web browser
Mac or PC home computer
HTML 3.1 compliant