



# General Network Architecture

## Servers

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

	Purpose	Operating System	Memory	Disk	Options
	Database	PC: 2000 or 2003 server Mac: OS-X Intel Linux Server	2 - 4 GB	250+ gig CD RW	striped & hardware mirror (more spindles are better) tape drive
	Web Server	PC: 2000 or 2003 server Mac: OS-X Linux	2 - 4 GB	Any size	use db server
	Credit Card	PC: 2000, XP pro	0.5 GB	Any size CD RW	use db server
	Remote Box Office	PC: 2000, XP, Vista Citrix/term. Services Or very fast networks	1 - 2 GB	Any size CD RW	use db server scalable
	Web Listeners	PC: 2000, XP, Vista Mac: OS-X	1 - 2 GB	Any size CD RW	use db server scalable

## Access Control

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



## Wireless Access

802.11 b/g recommended  
WEP/WPA enabled



## Router/Firewall

NAT/VPN Capable  
IP to IP mapping



## Ethernet Hub

Switched recommended  
10/100/1000T as required



## Box Office

Ethernet Connected  
PC and/or Mac  
Desktop/Countertop printers



## Admin

Ethernet Connected  
PC and/or Mac



## Remote Box Office

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



## Internet Tickets

Any web browser  
Mac or PC home computer  
HTML 3.1 compliant

