

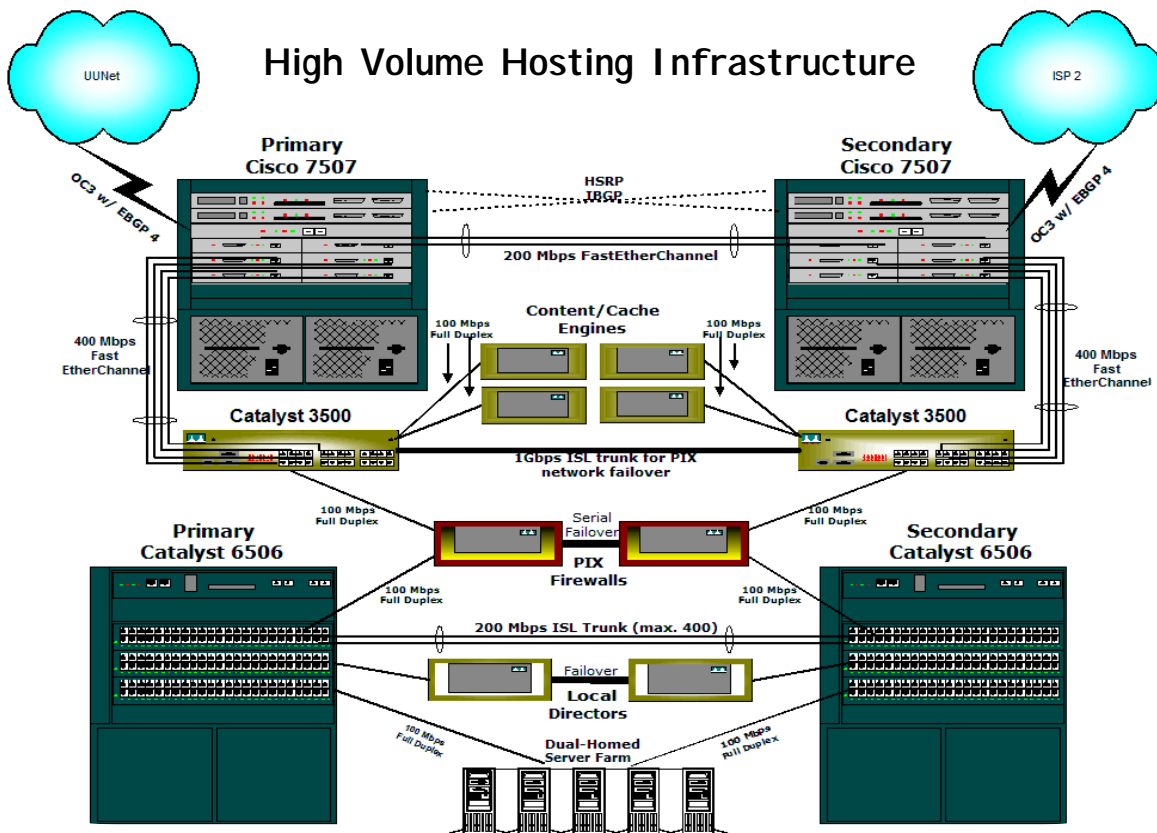
## eBusiness Hosting Infrastructure

### Challenge

- Deliver Maximum Data Bandwidth with Minimal Response Times for High-Volume e-Commerce Hosting Site
- Provide Hardware & Uplink Redundancy
- Implement Network Wide Load Balancing for Data Caching and Servers
- Maximum Security & Intrusion Detection
- Scalable Core Server Farm

### Benefits / ROI

- Fully Redundant Hosting Infrastructure
- Multilayer Security
- Intrusion Detection at Network & Servers
- Highest Data Transfer and Access Speed
- Scalable to Accommodate Traffic & Growth with Minimal Capital Costs
- Maximum Site Up-Time (99.9%)
- ROI—Maximum Uptime enables Consistent Uninterrupted e-Commerce Revenue



### Description

- Internet / Connectivity:
  - Redundant OC3 ISP1 & ISP2 Connections
- Routing: Full BGP
- Security: Cisco PIX Firewall and IDS
- Network—Internet Content Delivery & DMZ
  - Dual Cisco 7500 Core Router,
  - Dual Cisco Cache Engine
  - Dual Cisco Catalyst 3500s Enterprise
  - Cisco PIX Firewall with Dual Failover
- Server Platform: Win2000 IIS
  - initial 32 Servers Scalable to 120
- Network—Production Environment:
  - Dual Cisco Catalyst 6500 Core Switch
  - Dual Local Directors for Server Farm Load Balancing
  - Server Level IDS Intrusion Detection
- Development Tools / Resources