



Sun[®]
microsystems

The New Appliance Architecture for the Service Driven Network

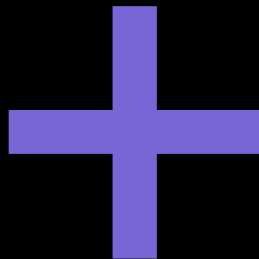
Sun Microsystems, Inc.

The Service-Driven Network



The Phone Utility Model

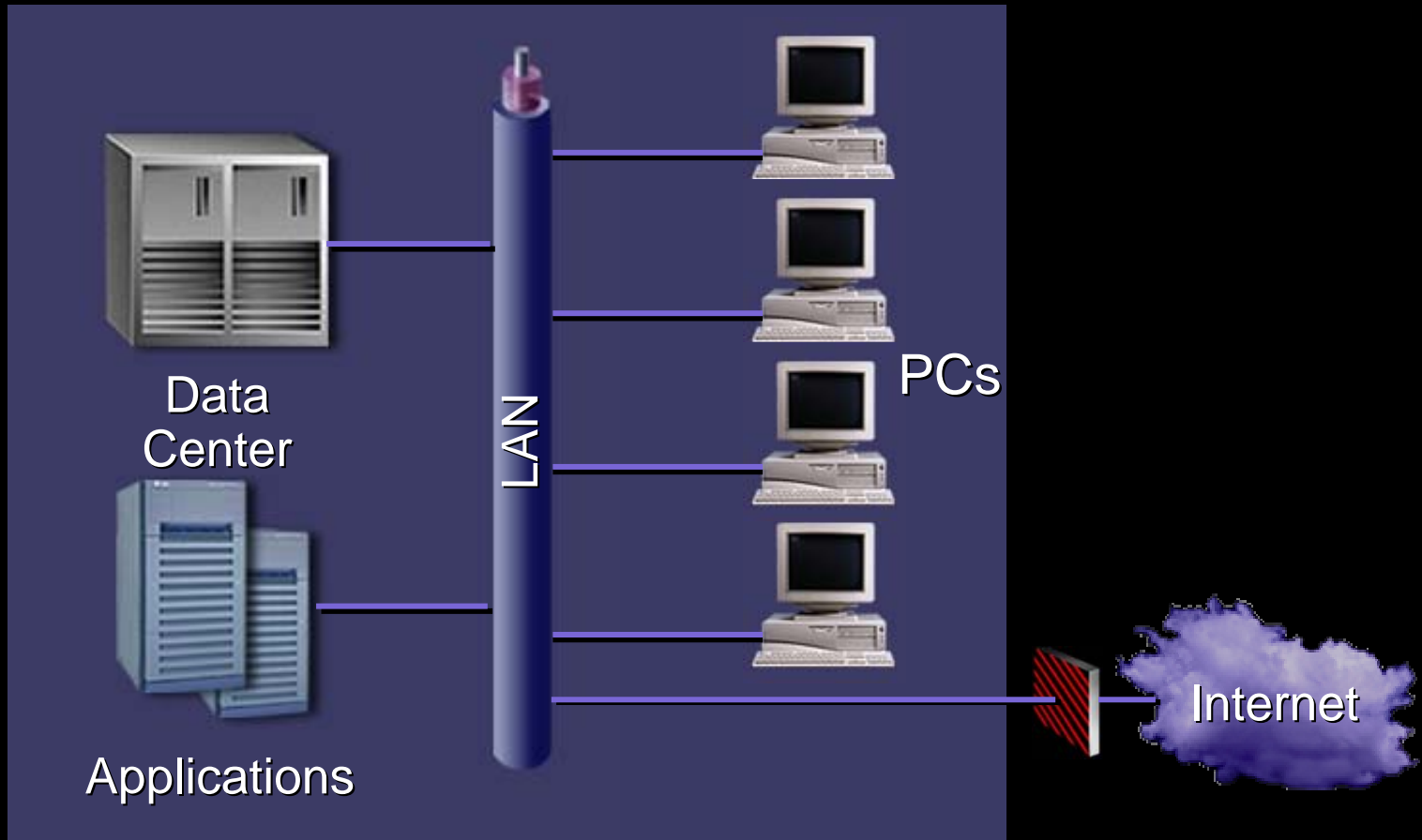
- Instant
- Constant
- Simple
- Centrally managed
- Never HAS to be upgraded



- Rich
- High performance
- No changes to applications
- Preserve backend Investment

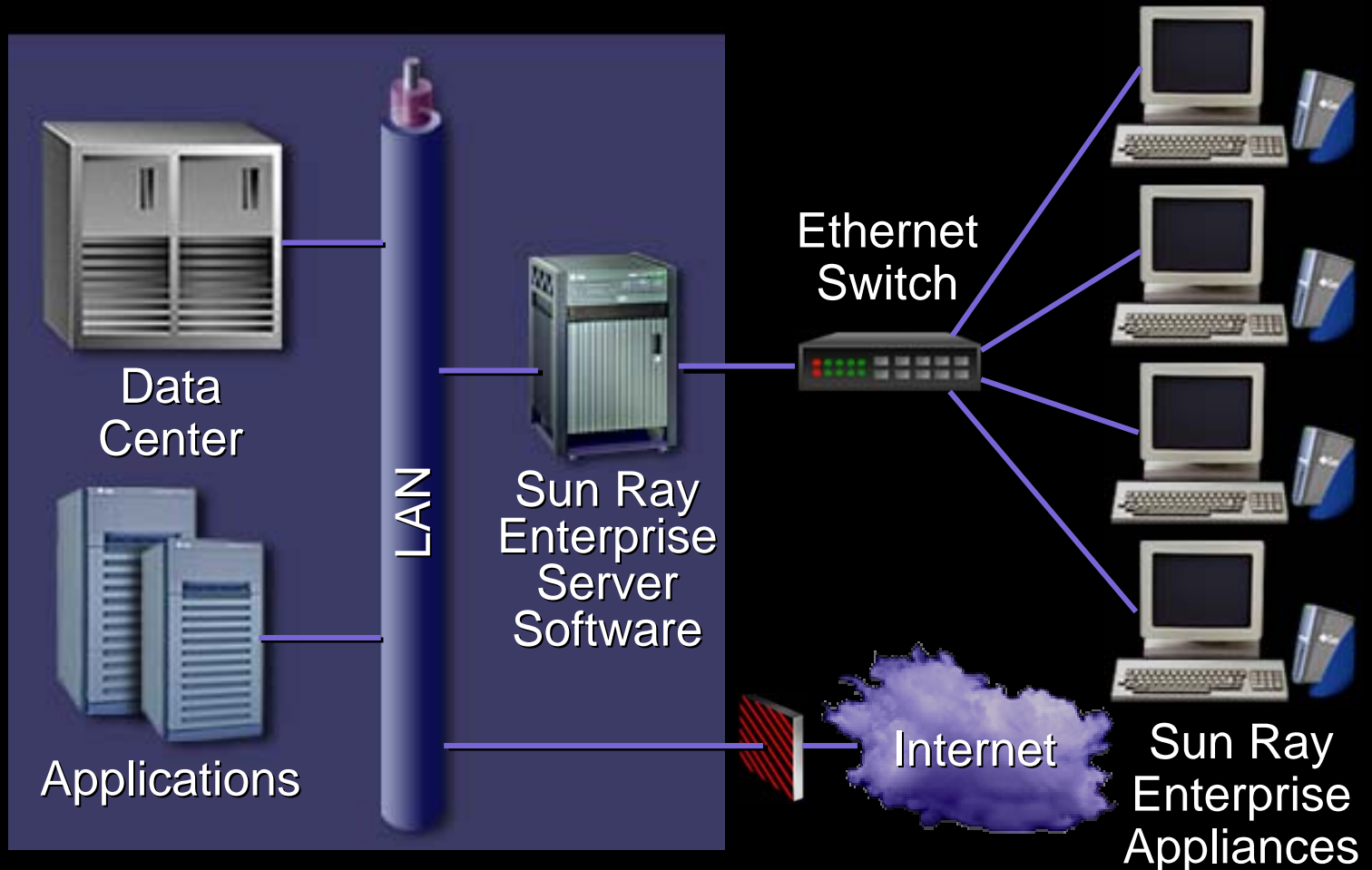
Traditional Managed Environment

High Cost From the Data Center to the Desktop



The SunRay Hot Desk Architecture

Everything Managed Centrally!





SunRay Enterprise Appliance vs. Today's Clients

| | SunRay | WBT | X-Terminal | PC |
|-------------------|-------------|---------------|---------------|---------------|
| Plug and Work | Yes | No | No | No |
| Session Mobility | Yes | No | No | No |
| O/S | Centralized | Local | Local | Local |
| Display Rendering | Centralized | Local/Central | Local | Local |
| Full Multimedia | Standard | Requires Card | Requires Card | Requires Card |

Key Differentiators of the SunRay Hot Desk Architecture

- Hot Desking
- No-Upgrade Appliance
- Solaris™ RAS
- Power of the Server on your Desktop

The SunRay Enterprise Appliance

- SPARC CPU
- 1280 x 1024 x 24 frame buffer
- 10/100Mb Ethernet
- Access to Solaris, Java, NT apps
- Rich multimedia capabilities
- Smart card
- USB support



Never Needs to be Upgraded !



SunRay Enterprise Server Software Environment

SunRay Enterprise Server Software

Authentication Manager
Recognizes and Validates Users

Session Manager
Maps User Session on Server
to Physical Desktop Unit

Administration Tool
Provides User Management,
Usage Monitoring

Interoperability Software

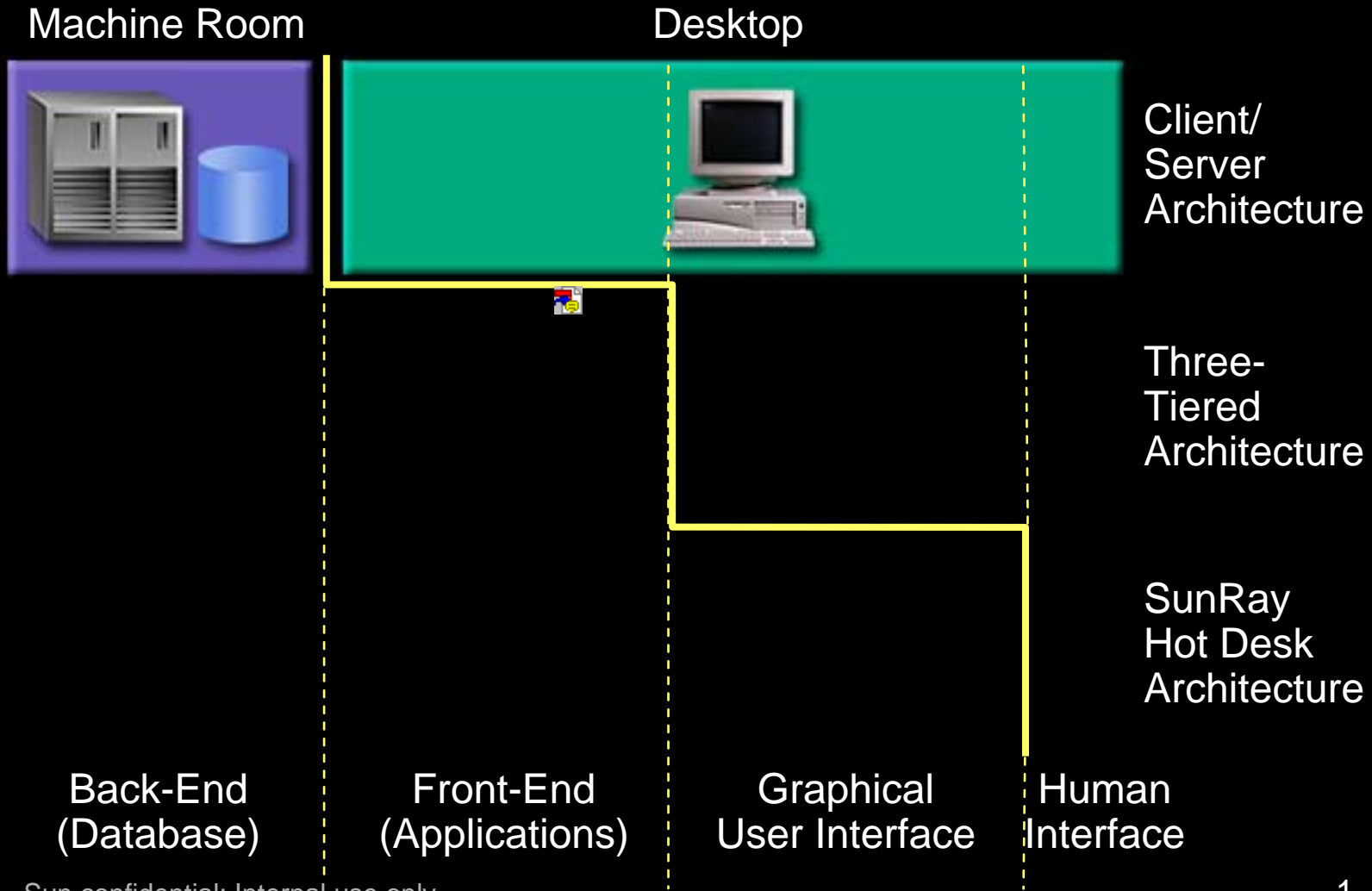
Citrix
MetaFrame
+ NT 4.0
TSE

PCNetLink

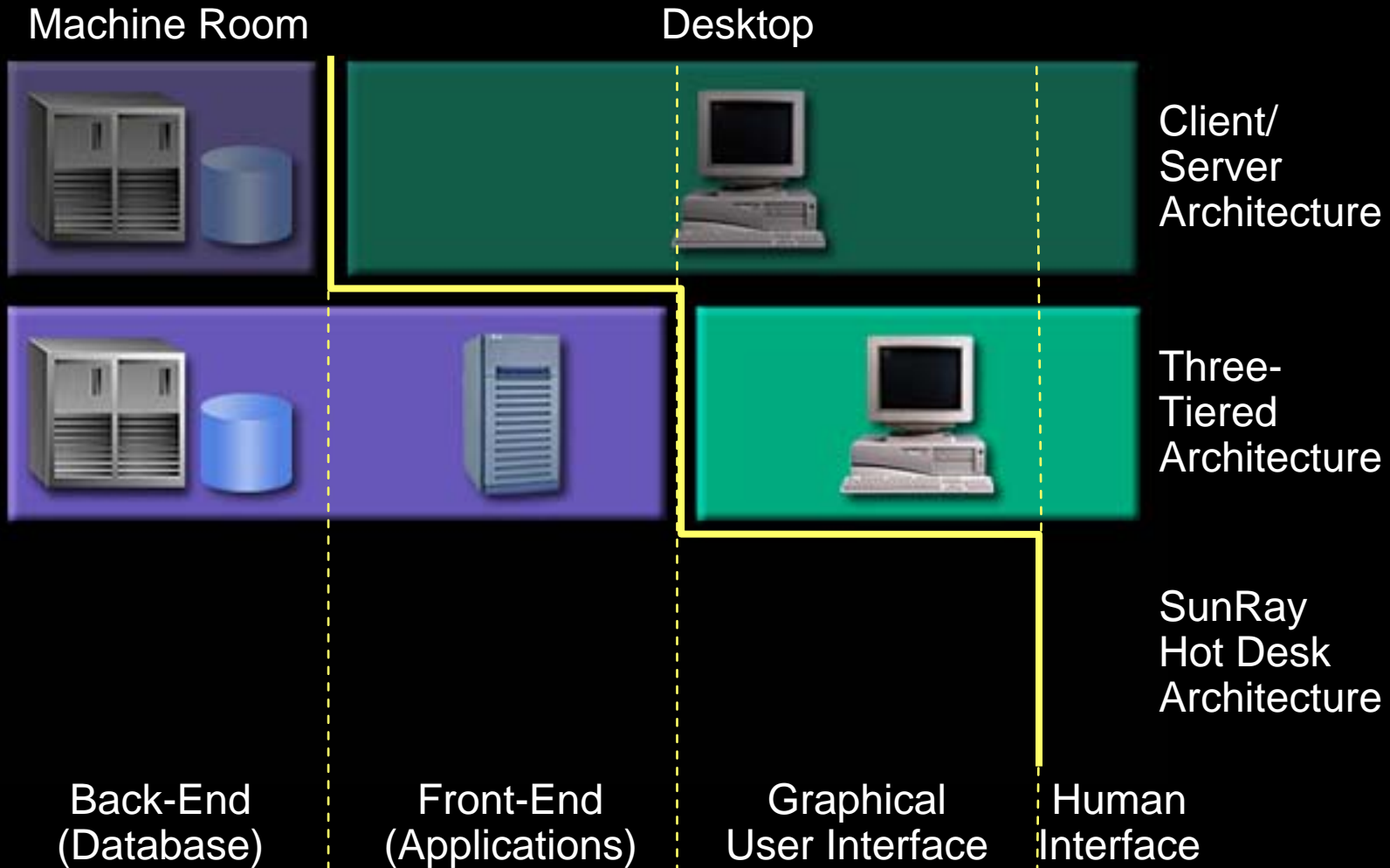
Sunlink
3270/
3rd Party
5250

HP UX,
IBM AIX
Access
via X11

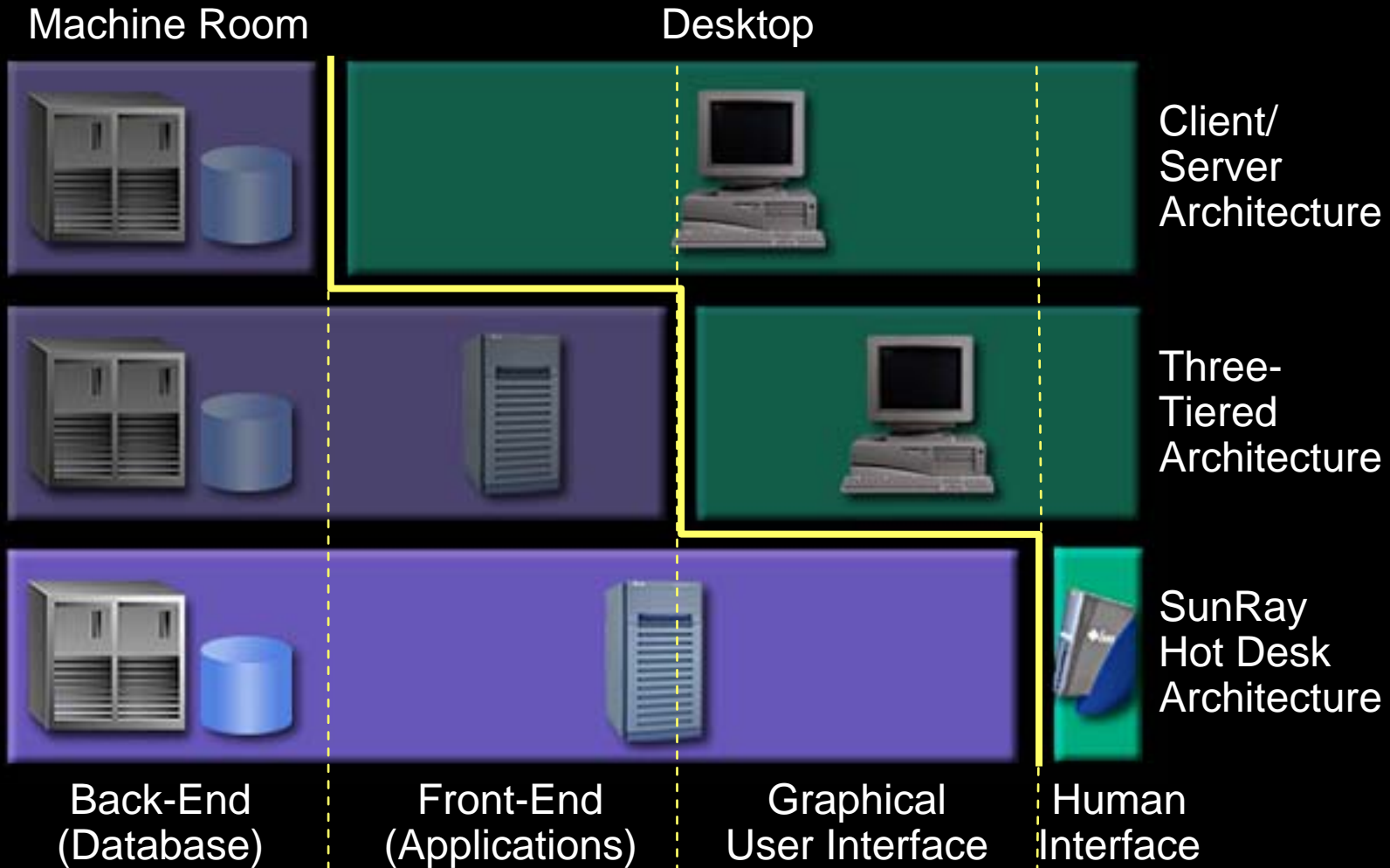
Functional Partitioning



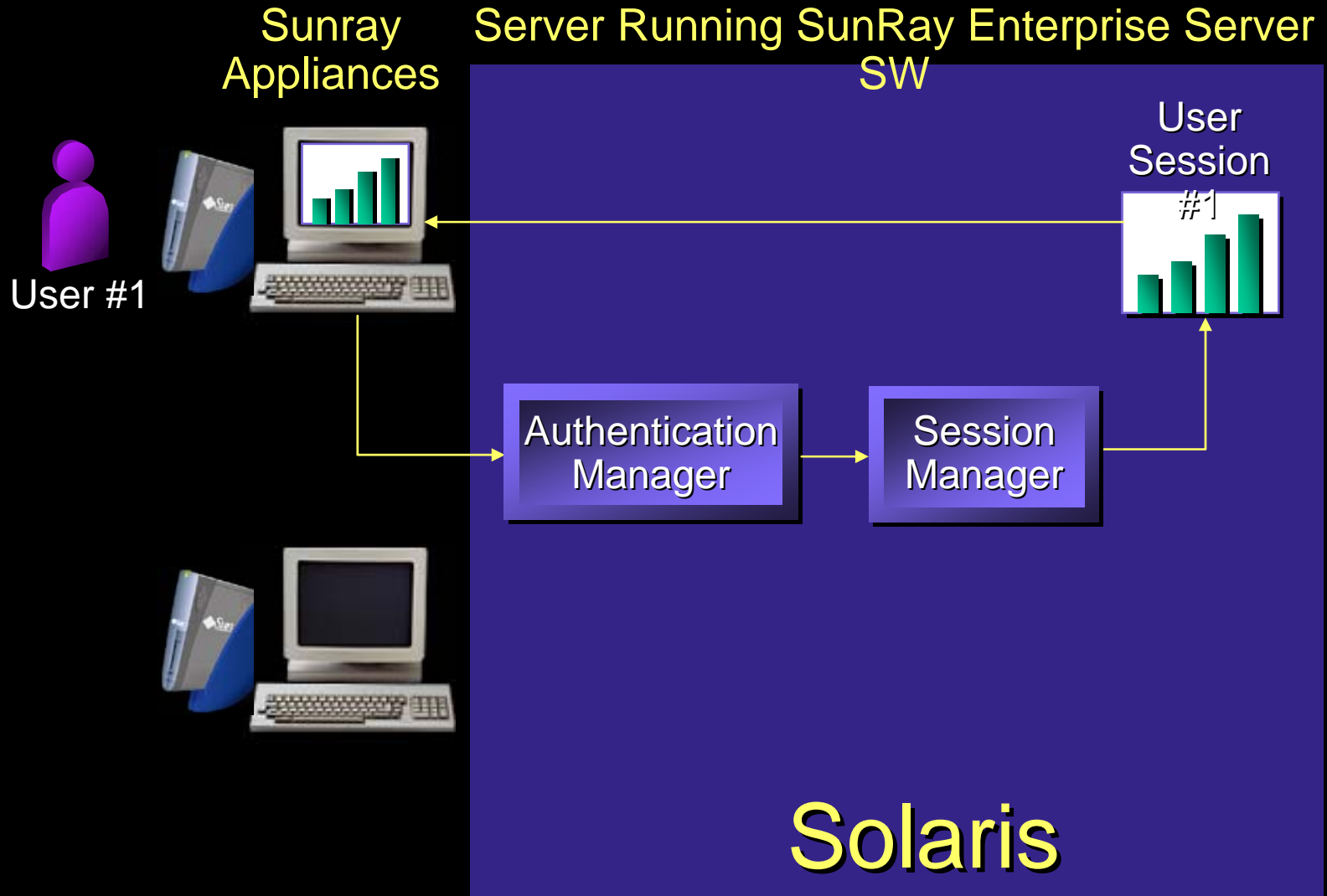
Functional Partitioning



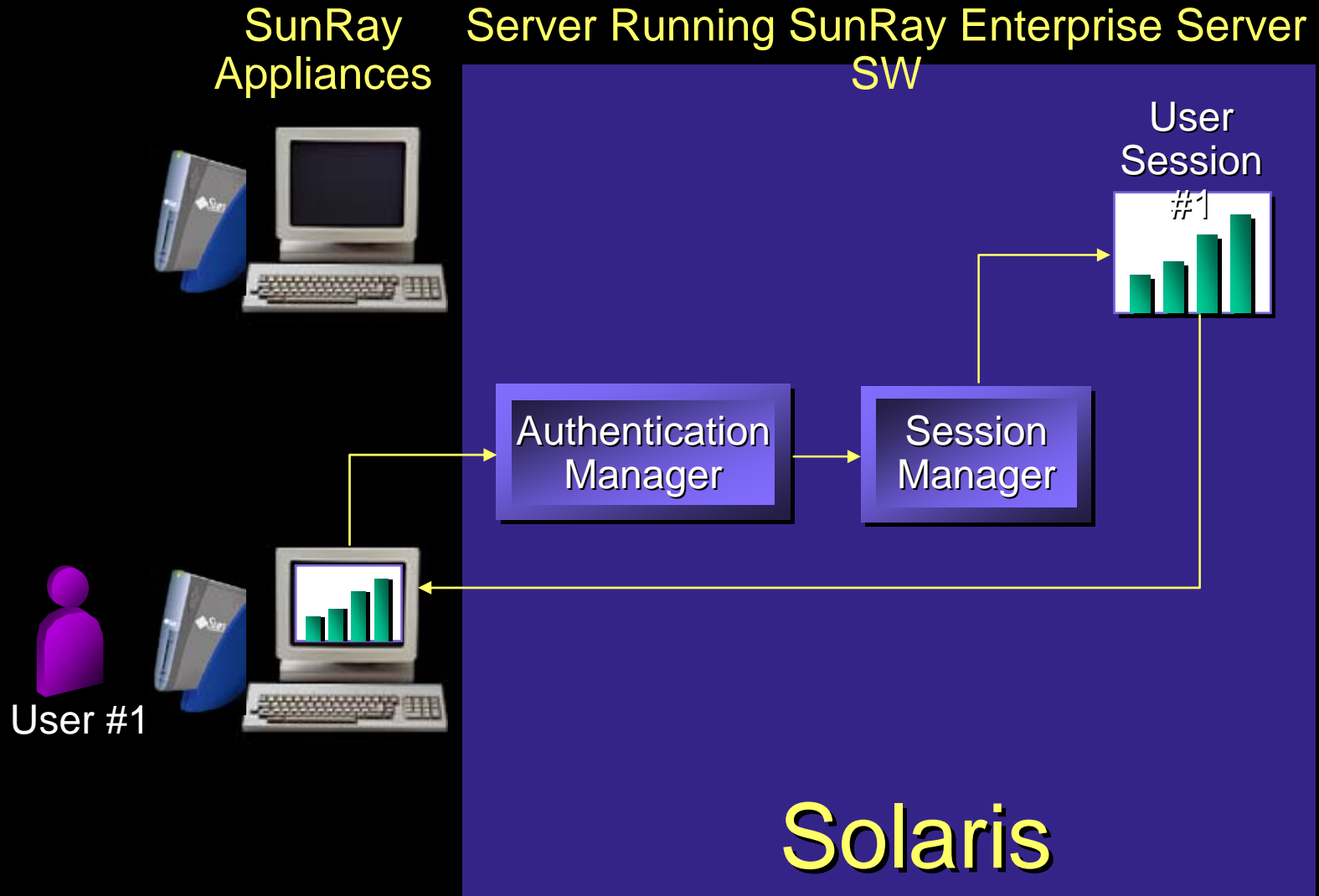
Functional Partitioning



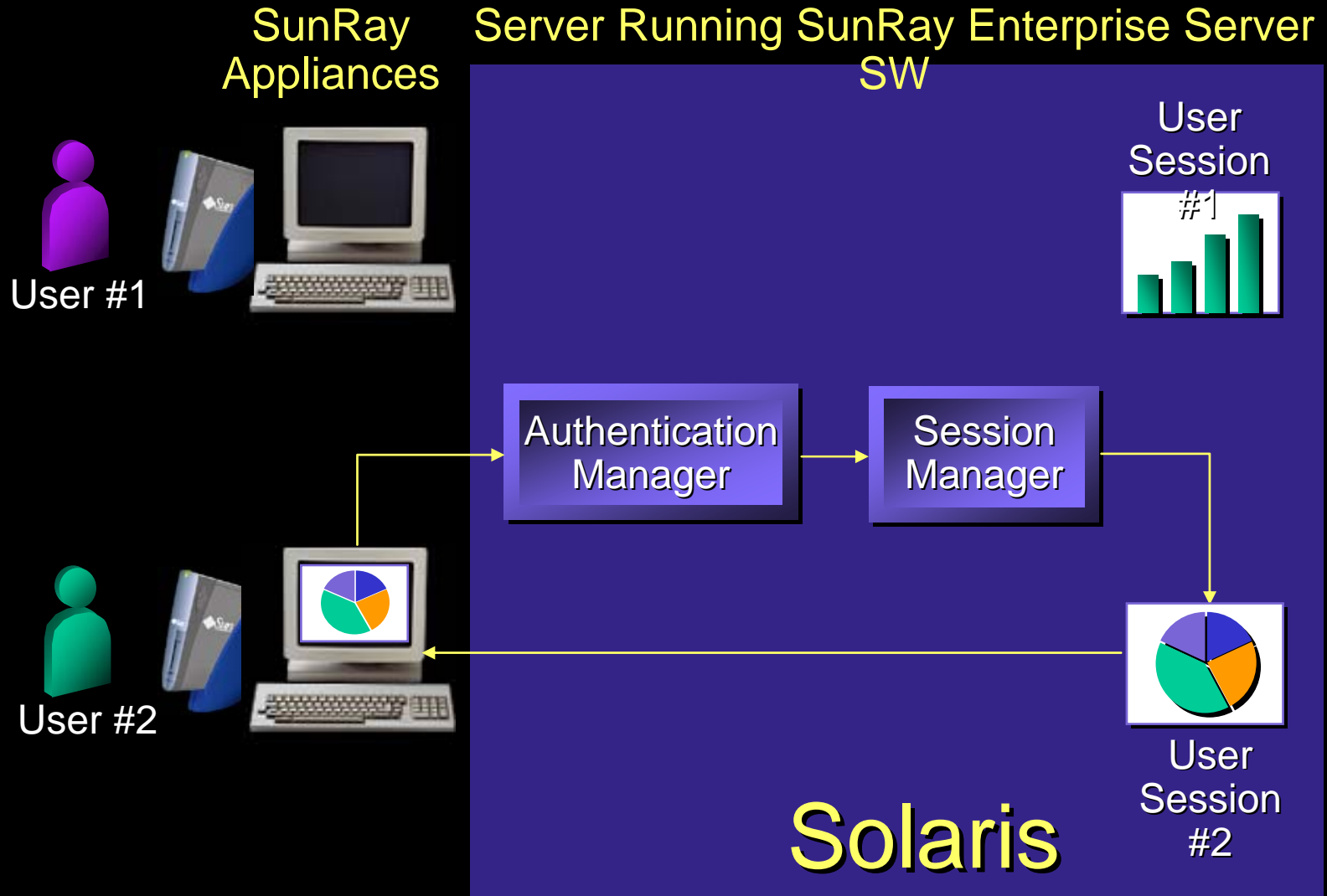
Hot Desk Architecture



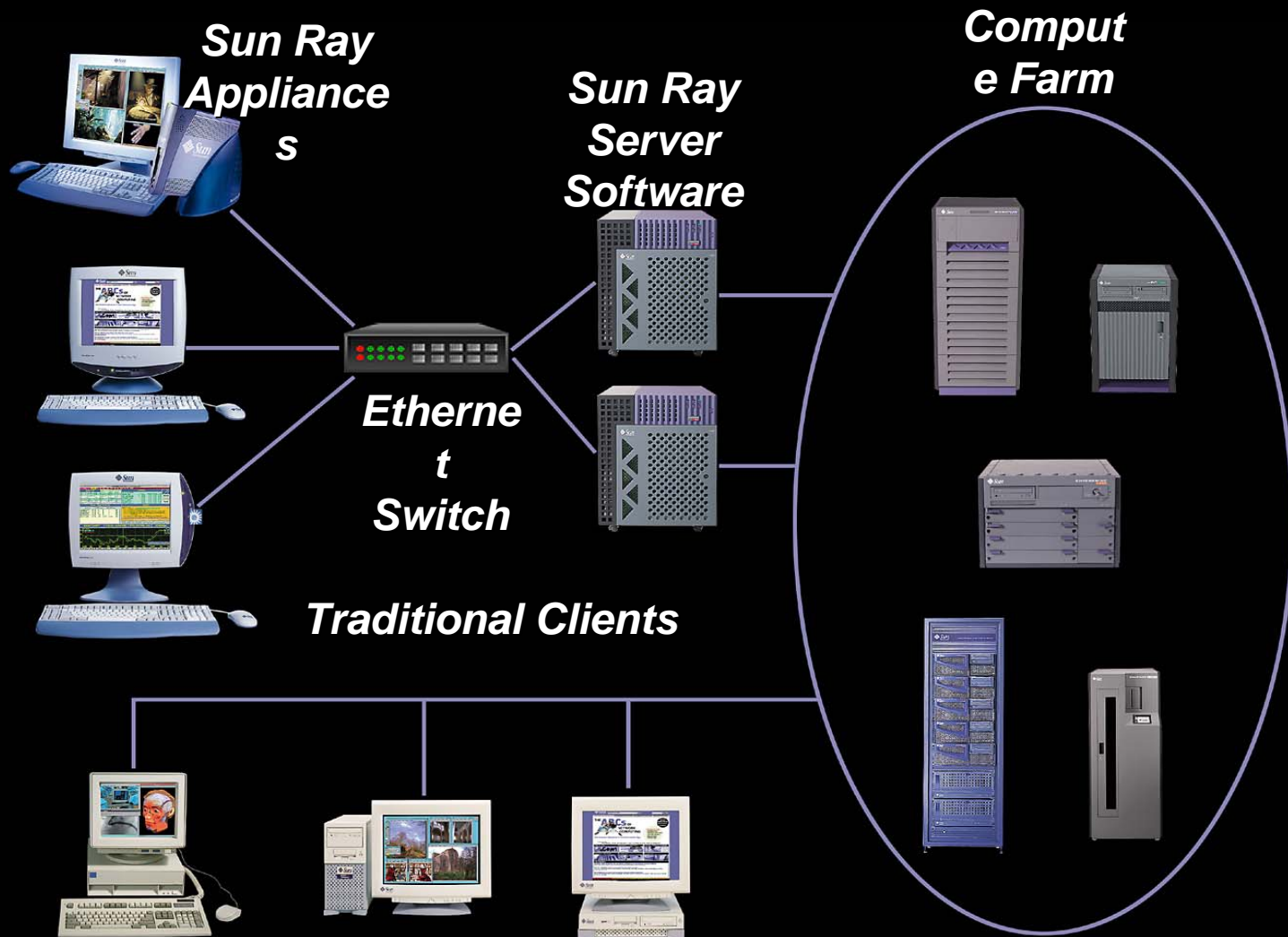
Hot Desk Architecture



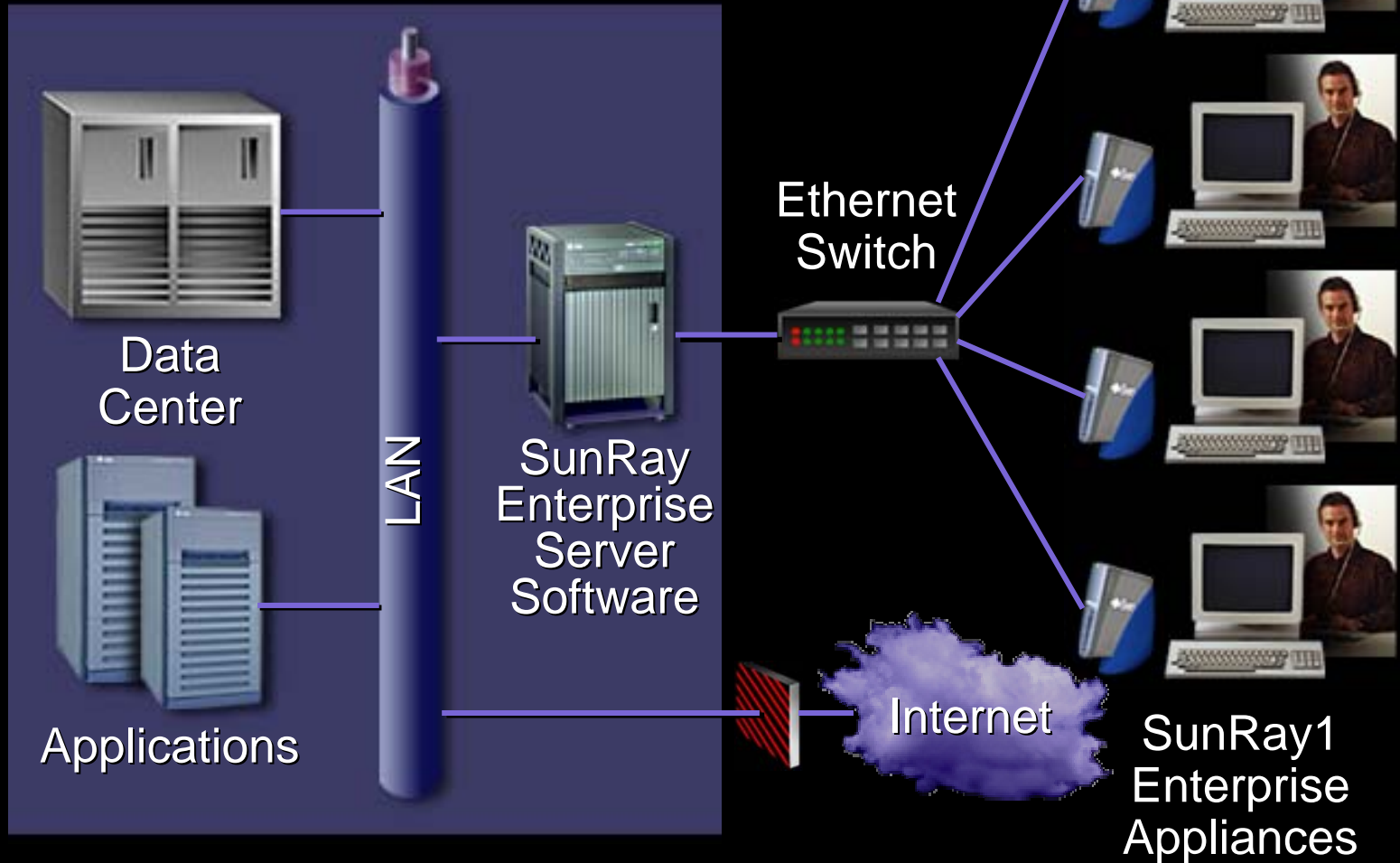
Hot Desk Architecture



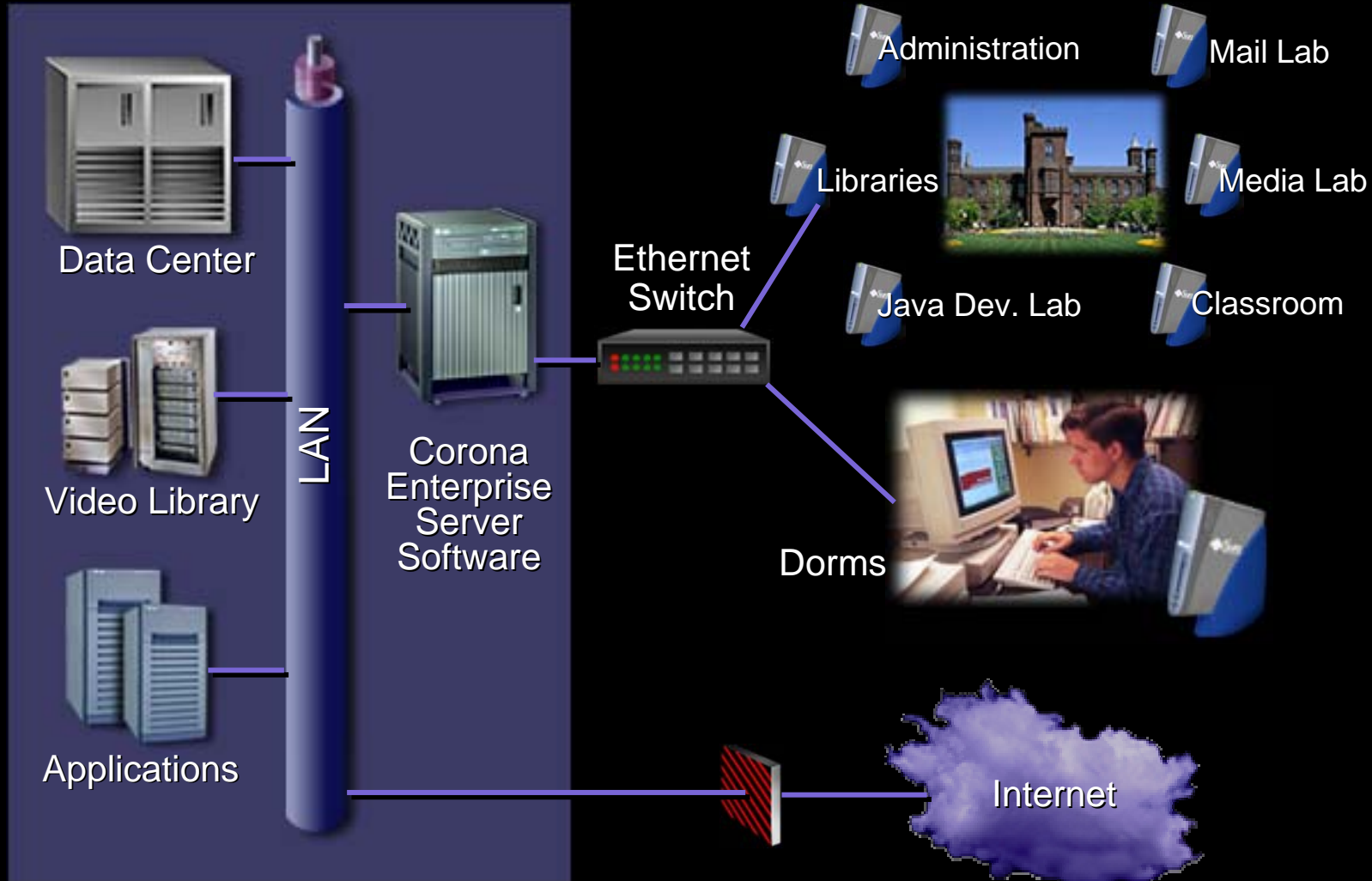
Sun Ray Computing Model



Call Center Example



University Example



Network Diagram

