



inside
net working

May 1998 Announcements

Network Solution for e-business 3746 model 900 and model 950

Transforming your business using Internet technologies

*05/05/98
(Revision 1)*



e-business

FOUNDATION

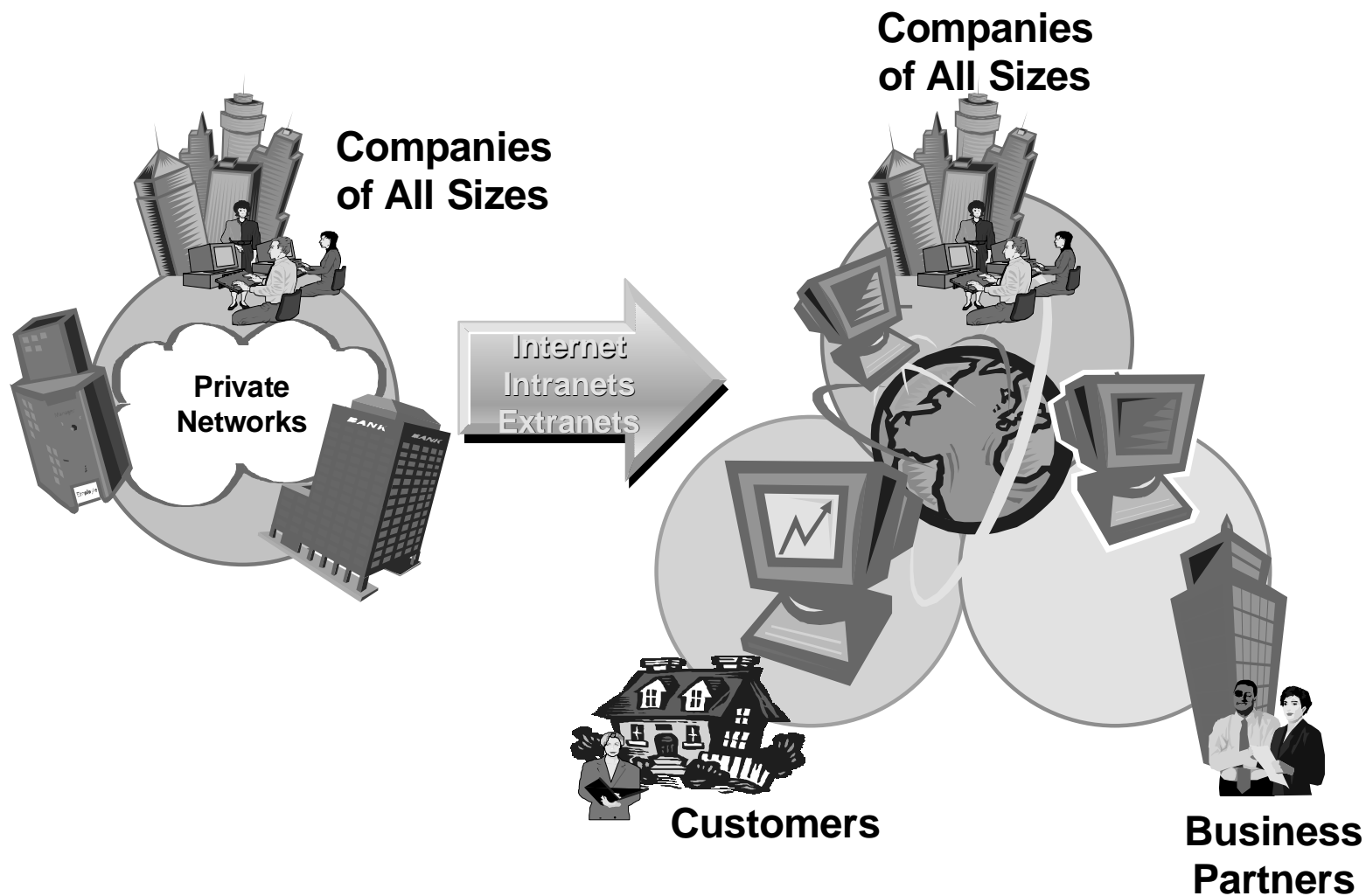
ANNOUNCEMENTS

SOLUTIONS

WRAP
UP

RESOURCES

Extending the Enterprise





e-business

FOUNDATION

ANNOUNCEMENTS

SOLUTIONS

WRAP UP

RESOURCES

e-business

**Secure, scalable,
reliable systems on
existing foundations**

**Increased
productivity**

**Enhanced
competitiveness**

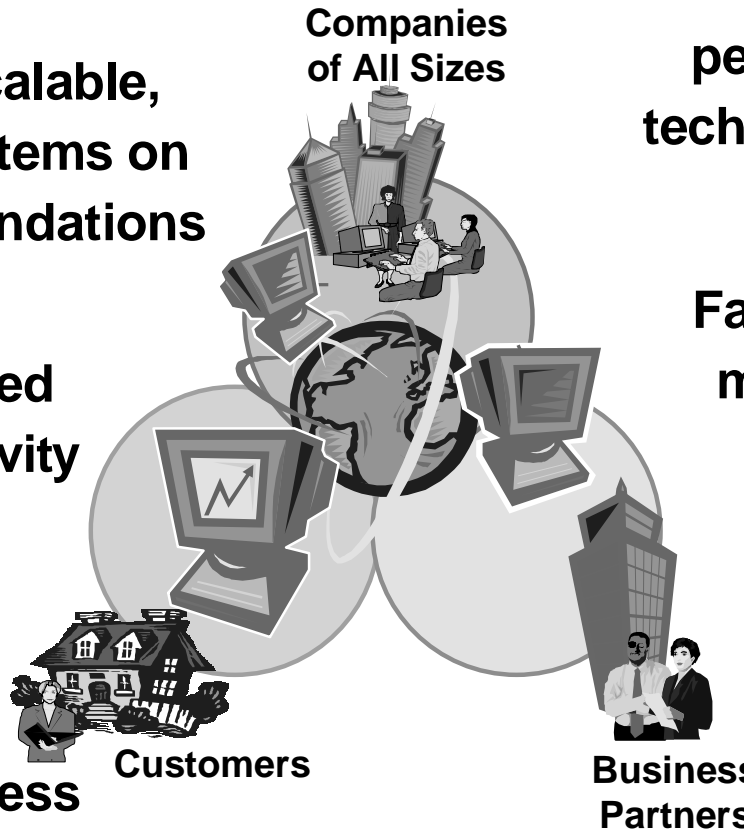
**Companies
of All Sizes**

**Manageable
performance and
technologies for new
applications**

**Faster to
market**

**Reduced
costs**

**Expanded
markets**



A new world of networked business computing



e-business

FOUNDATION

ANNOUNCEMENTS

SOLUTIONS

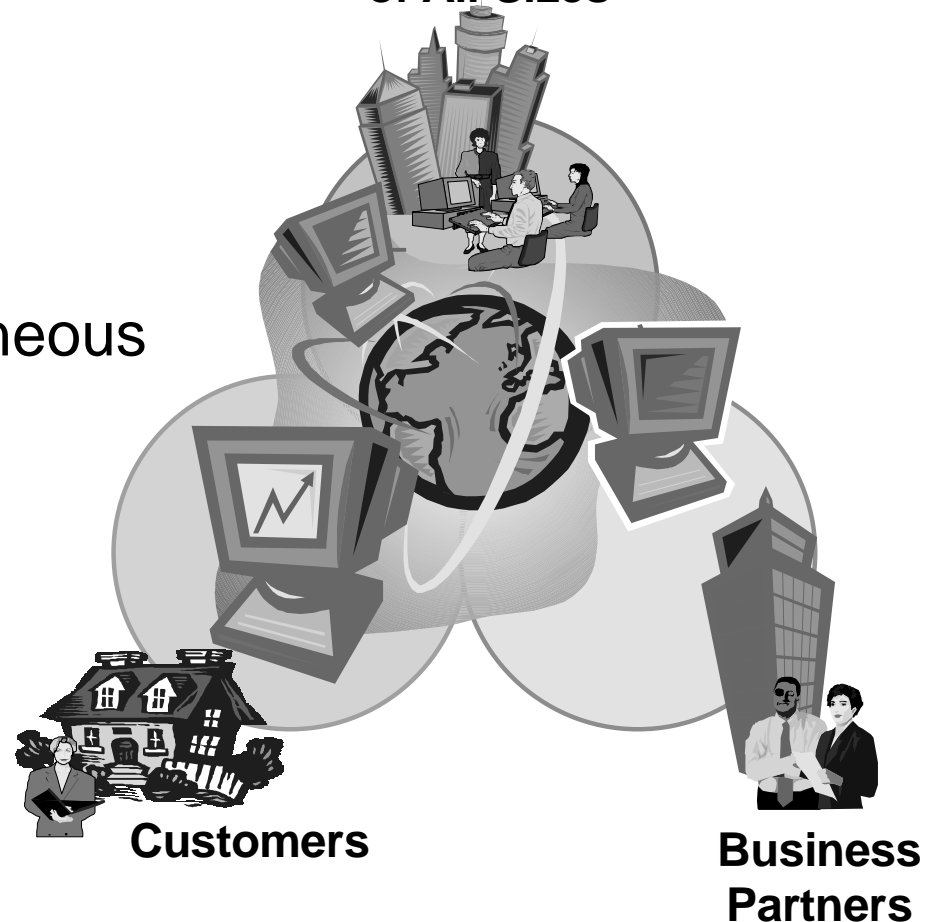
WRAP
UP

RESOURCES

The Heart of e-business: Networking

- Leverages investments
- Provides access
- Expands markets
- Integrates heterogeneous systems
- Enhances competitiveness

Companies
of All Sizes



e-business



e-business

FOUNDATION

ANNOUNCEMENTS

SOLUTIONS

WRAP UP

RESOURCES

Announcements

VPN

Security across the Internet

Frame Relay

Growth without application changes

HS Token Ring

S/390 Server Access

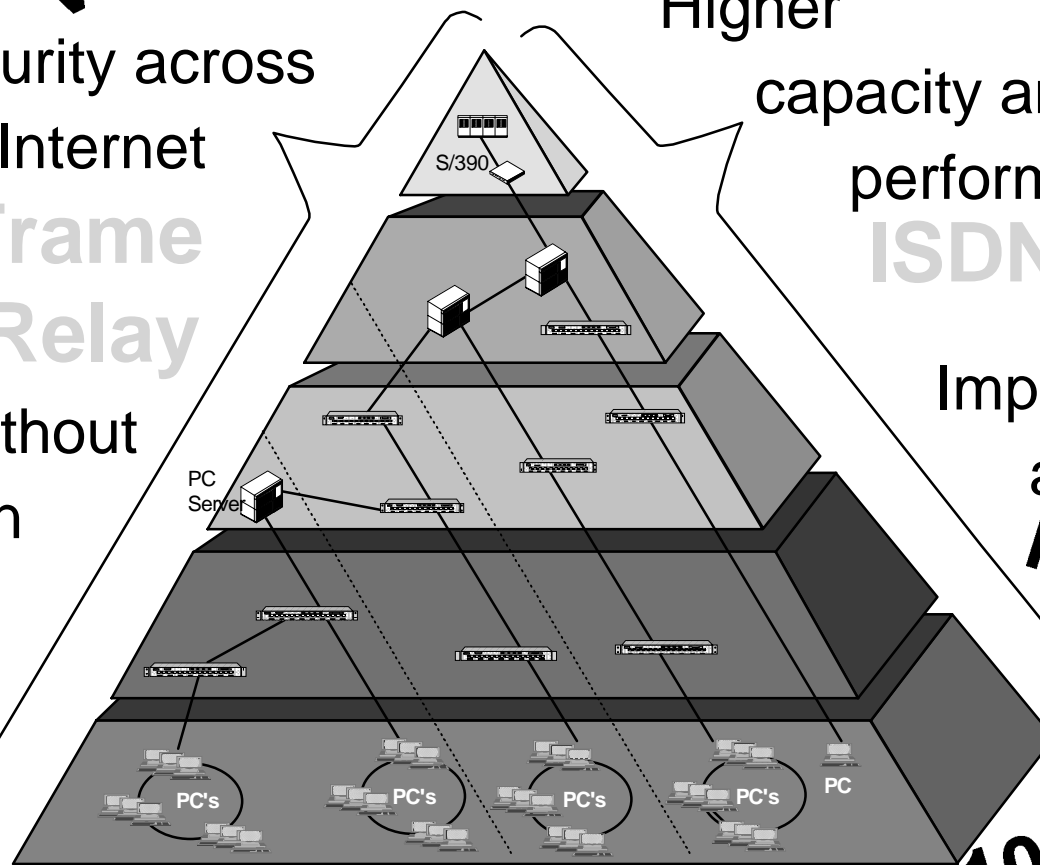
Higher capacity and performance

ATM

ISDN

Improved availability

MPOA



Enhanced Mobility and Connectivity

100Mbps Enet



e-business

FOUNDATION

ANNOUNCEMENTS

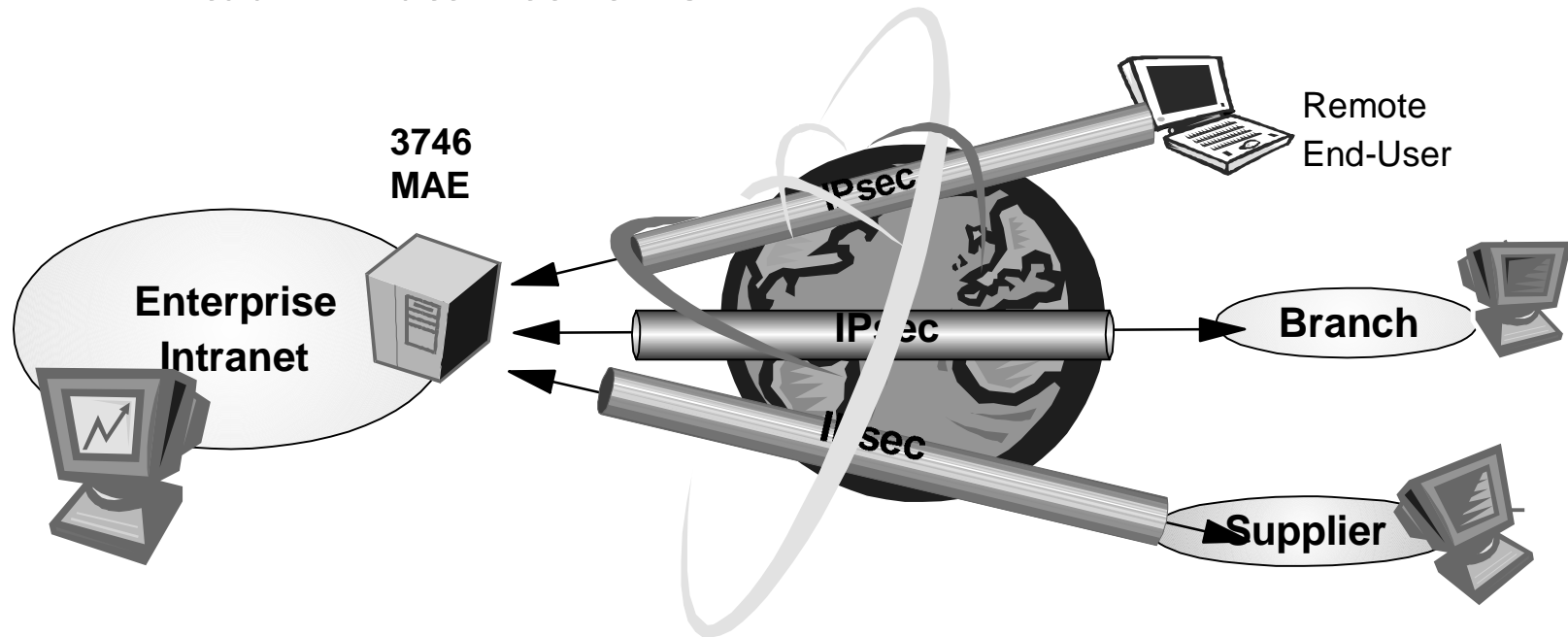
SOLUTIONS

WRAP
UP

RESOURCES

Security Across the Internet

Virtual Private Networks



- VPNs extend Enterprise Intranets, reduce WAN costs
- IPsec can create "secure channels" over the Internet

e-business

FOUNDATION

ANNOUNCEMENTS

SOLUTIONS

WRAP
UP

RESOURCES

Everything Needed for Secure VPNs

Sysplex
(S390)



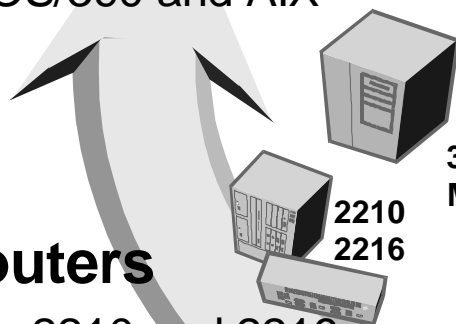
SP2
(RS6000)
Netfinity

IPsec Hosts

- ▶ Clients - AIX, Win95, OS/2
- ▶ Servers with integrated firewall, OS/400 OS/390 and AIX

Software Firewalls

- ▶ AIX, NT
- ▶ IPsec, Socks5, packet filters



Routers

- ▶ 2210 and 2216
- ▶ 3746 MAE
- ▶ IPsec, L2TP

ISP and Consulting Services



e-business



e-business

FOUNDATION

ANNOUNCEMENTS

SOLUTIONS

WRAP
UP

RESOURCES

IBM eNetwork VPN Differentiators

- Widest range of VPN-enabled products and services
- World-class IBM security expertise from the developer of security technologies (DES, HMAC, SET...)
- Committed to broadest support of Open VPN Technology

*Plus--most key applications and data
reside on IBM systems*



e-business

FOUNDATION

ANNOUNCEMENTS

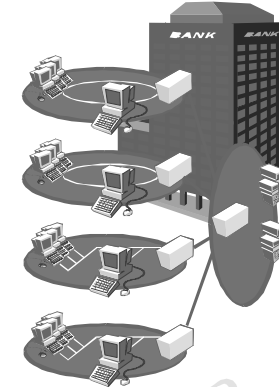
SOLUTIONS

WRAP
UP

RESOURCES

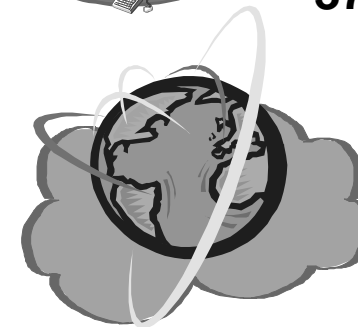
Mobility & Connectivity for e-business

- Secure VPNs for companies, business partners, and telecommuters
- Flexible remote access with improved controls
- Wide range of connectivity enhancements
- Fast Ethernet for portables



Central or
Regional
Offices

3746 MAE



Remote
Offices

2210/2216



Telecommuters
and Travelers



Business
Partners



e-business

FOUNDATION

ANNOUNCEMENTS

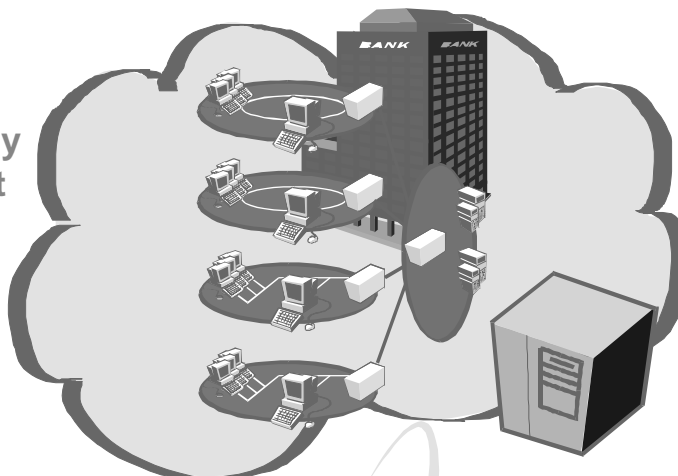
SOLUTIONS

WRAP
UP

RESOURCES

Solutions for Branch Connectivity

Company
Intranet



Scalable central site
solutions with
load balancing,
channel attachment,
and advanced SNA

3746
MAE

Advanced
multiprotocol
uplink support

Internet Service
Providers/ Frame
Relay, ISDN, ...

Branch
Intranet



2210/2216



Remote
Access

Scalable,
multiprotocol
branch router
with Remote
Access for
telecommuters



e-business

FOUNDATION

ANNOUNCEMENTS

SOLUTIONS

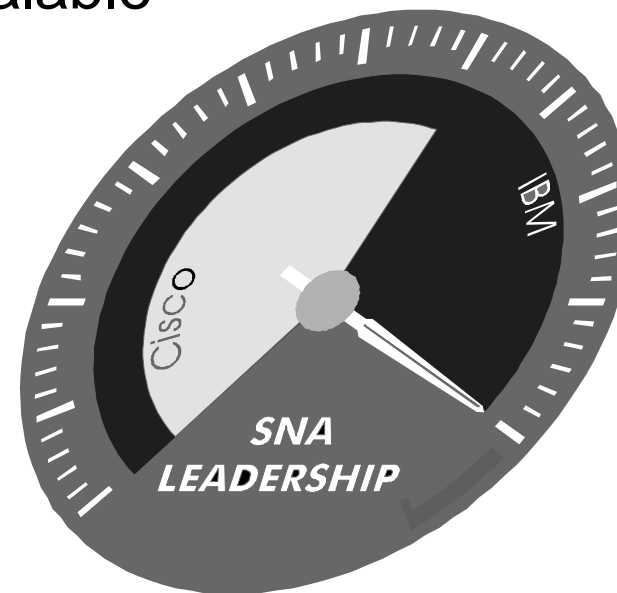
WRAP
UP

RESOURCES

SNA Leadership

- Distributed TN3270E Server
 - Enterprise Extender SNA flow control over IP
 - High-performance, scalable SNA APPN/HPR
-
- Scalable Frame Relay BAN
 - DLSw plus SDLC, PU 4/5 and NetBIOS
 - DLSw for SNA over IP

Cisco stops here



e-business

FOUNDATION

ANNOUNCEMENTS

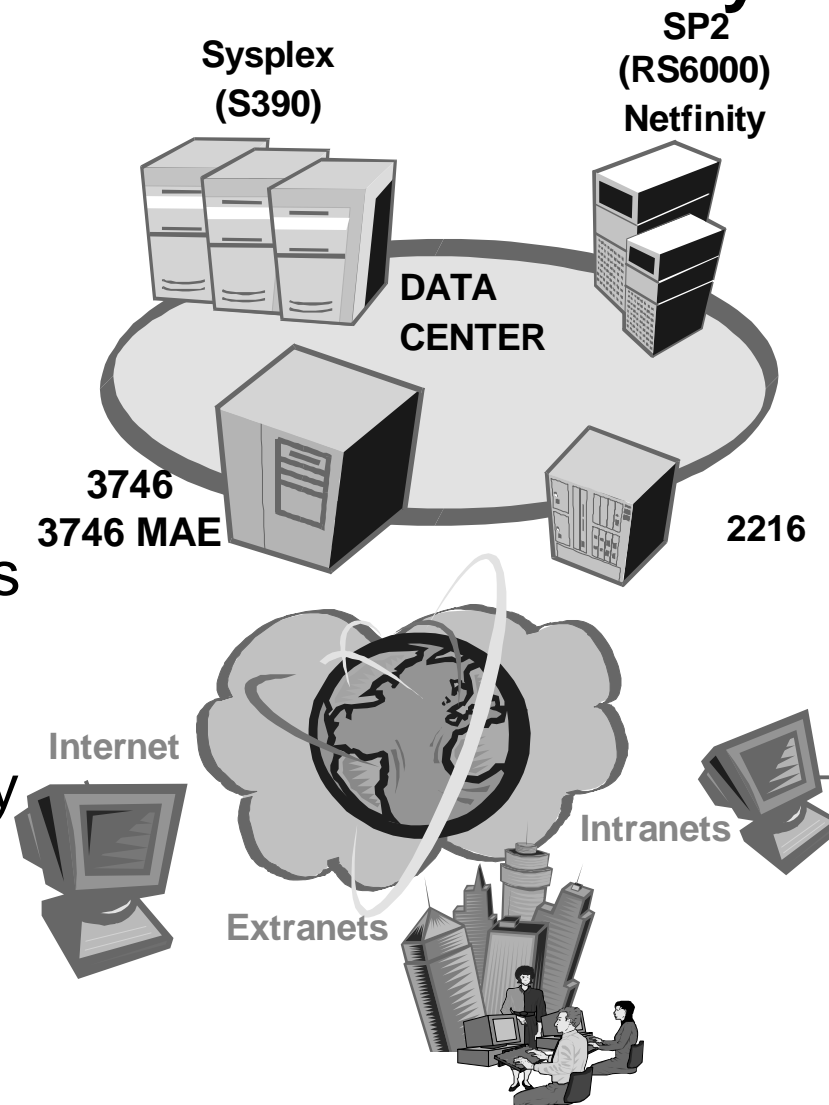
SOLUTIONS

WRAP
UP

RESOURCES

Best Access to Data Centers In The Industry

- Full range of channel attachments
- Very high capacity with server load balancing
- Rich connectivity with continuous enhancements
- Industry-leading security
- Reliability and availability for 24x7 operation
- Proven highest performance



e-business

FOUNDATION

ANNOUNCEMENTS

SOLUTIONS

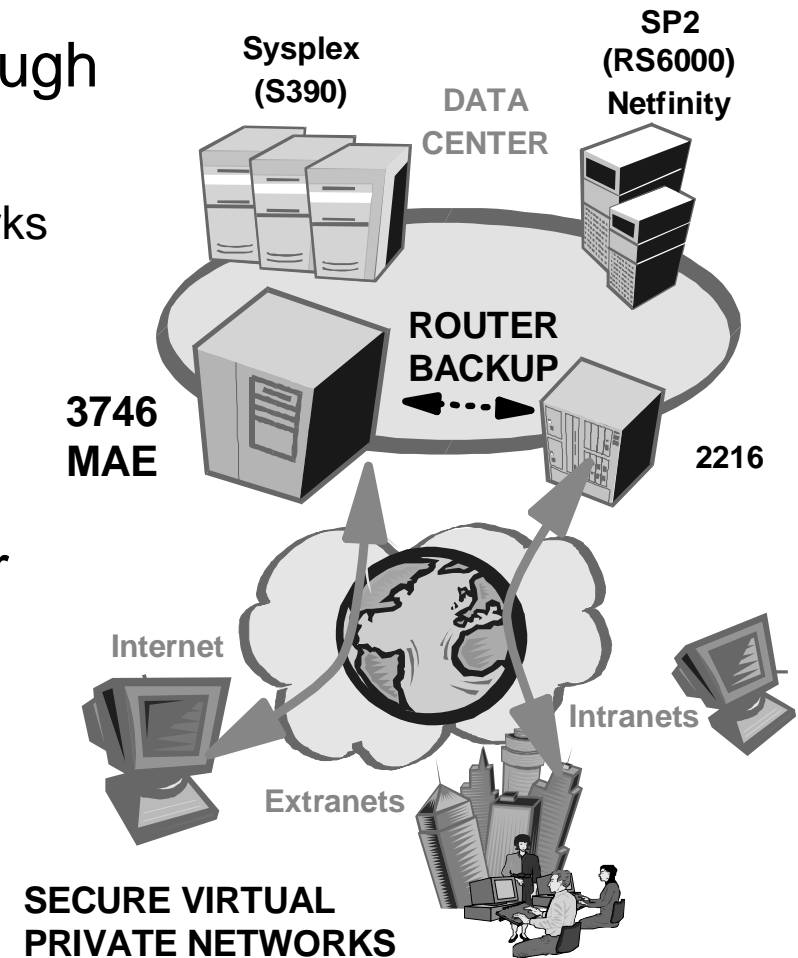
WRAP
UP

RESOURCES

Increased IP Security and Availability

- Secure connections through IP networks
 - Secure Virtual Private Networks using IPSec
 - L2TP Tunneling
 - Enhanced Firewall support
 - Authentication

- Router backup for higher availability
 - Uses IETF standard VRRP protocols



e-business

e-business

FOUNDATION

ANNOUNCEMENTS

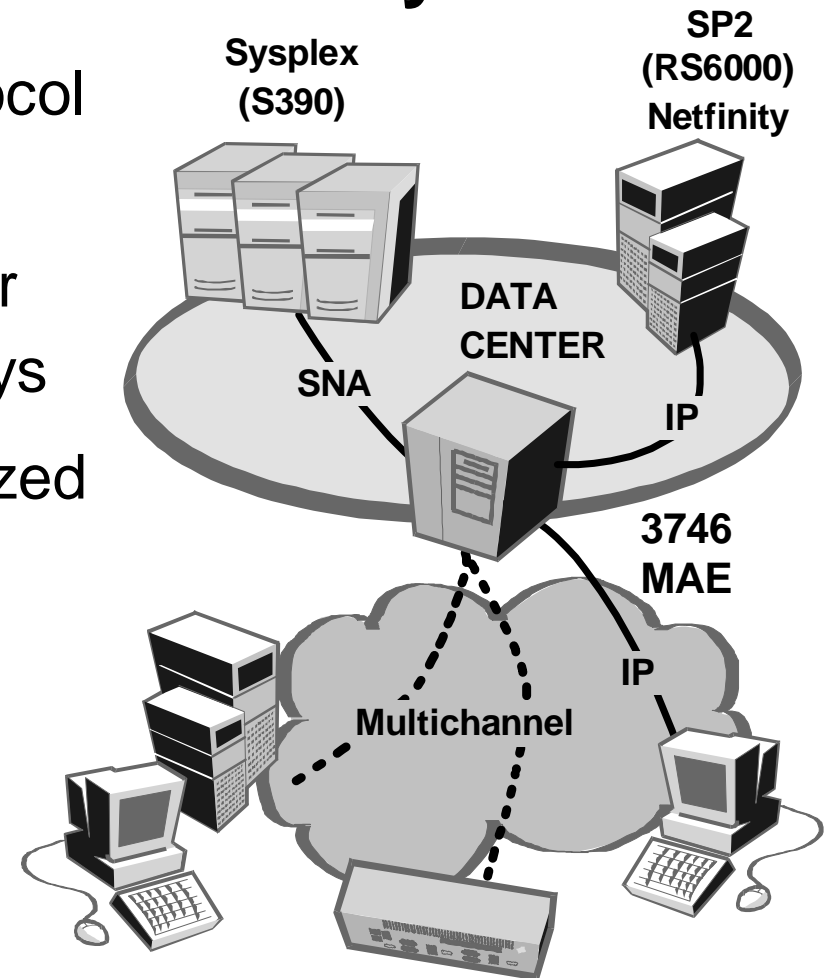
SOLUTIONS

WRAP
UP

RESOURCES

Enhanced 3746 MAE Connectivity

- Full range of multiprotocol channel attachments
- Growth and migration for parallel channel gateways
- Multiport ISDN/channelized T1/E1 for more ports at a lower cost per port
- TN3270e server with full SNA support--both APPN/HPR *and* PU2



e-business

e-business

FOUNDATION

ANNOUNCEMENTS

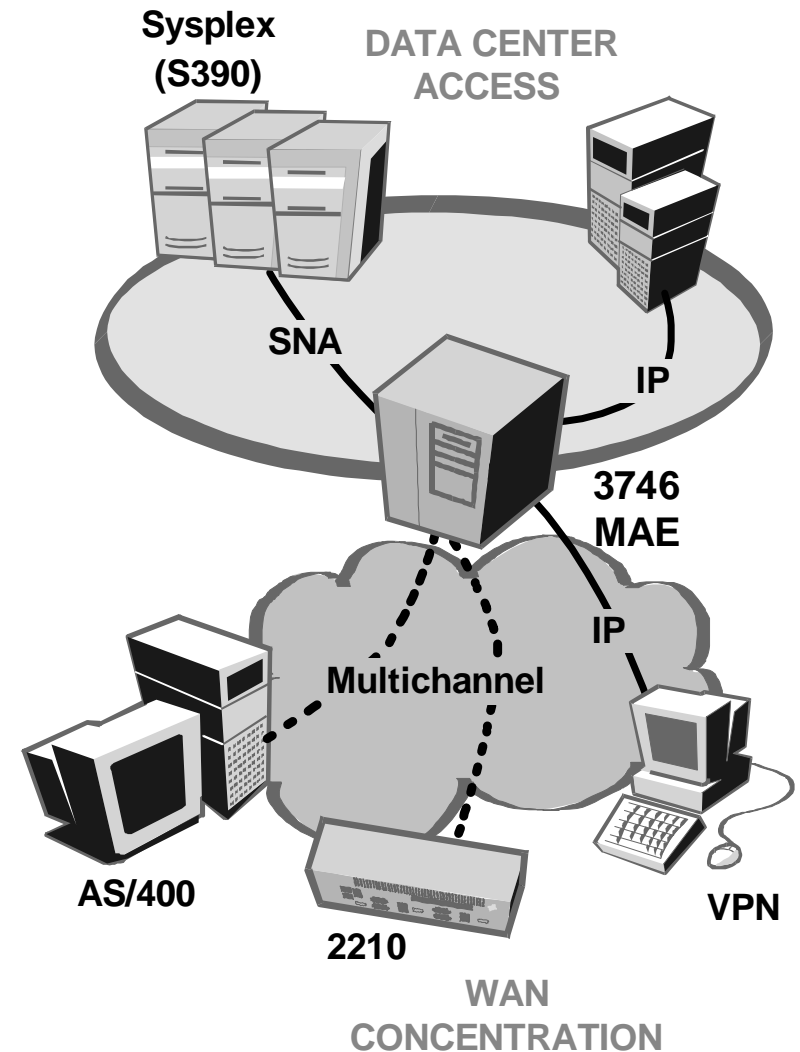
SOLUTIONS

WRAP
UP

RESOURCES

Enhanced 3746 MAE Connectivity and Performance

- Fast Token Ring
- performances enhanced to >150Kpps
- APPN scalability improved
 - Extended Border Node
 - Session Service Extended



e-business

FOUNDATION

ANNOUNCEMENTS

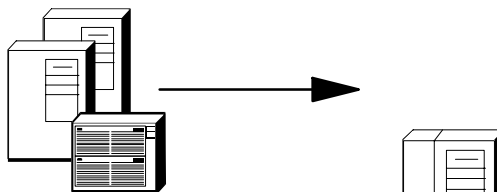
SOLUTIONS

WRAP
UP

RESOURCES

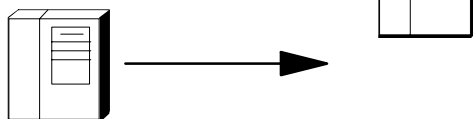
Robust support with flexible growth paths

Multiple 37XX
+
3172



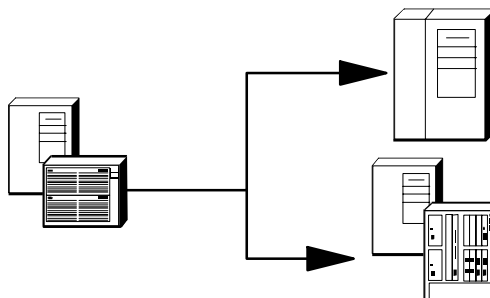
3746 with Multiaccess Enclosure Premier gateway to consolidate large multiprotocol network

3746-900



Increased high-speed capacity and expanded function

Single or few
3745 + 3172



3746 with Multiaccess Enclosure Premier gateway to consolidate large multiprotocol network

3745 or 2216 Benefits of SNA offload with robust TCP/IP gateway

e-business

FOUNDATION

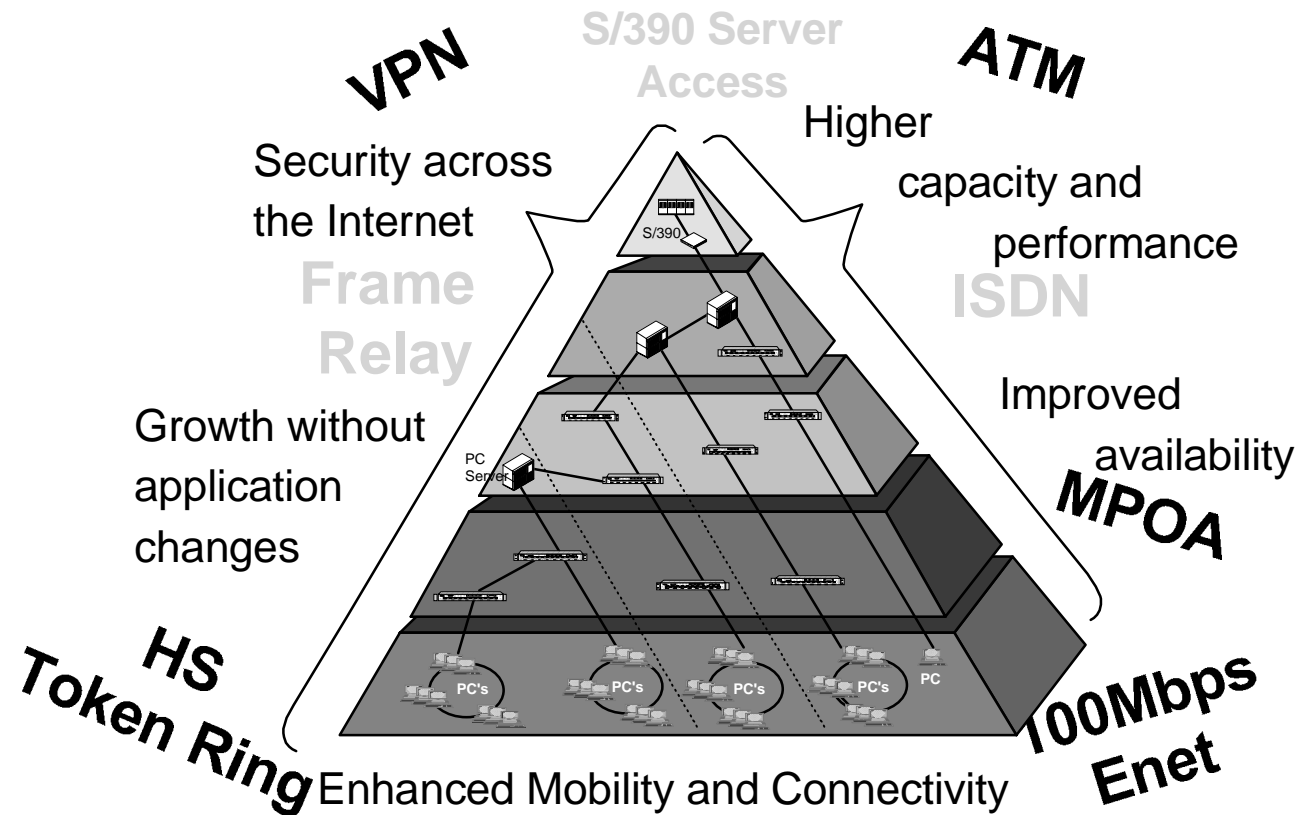
ANNOUNCEMENTS

SOLUTIONS

WRAP
UP

RESOURCES

e-business Solutions You Can Count On



- Start simple and grow quickly on a secure foundation
- Builds on what you have



e-business

FOUNDATION

ANNOUNCEMENTS

SOLUTIONS

WRAP UP

RESOURCES

Total e-business Solutions From IBM

AS/400

Software Group

Credit Corp

Network Printers

Network HW & SW

Business Partners

Large Enterprise Customers

Small & Medium Business Customers

Companies of All Sizes

Bringing all of IBM resources into play for maximum customer benefit

