



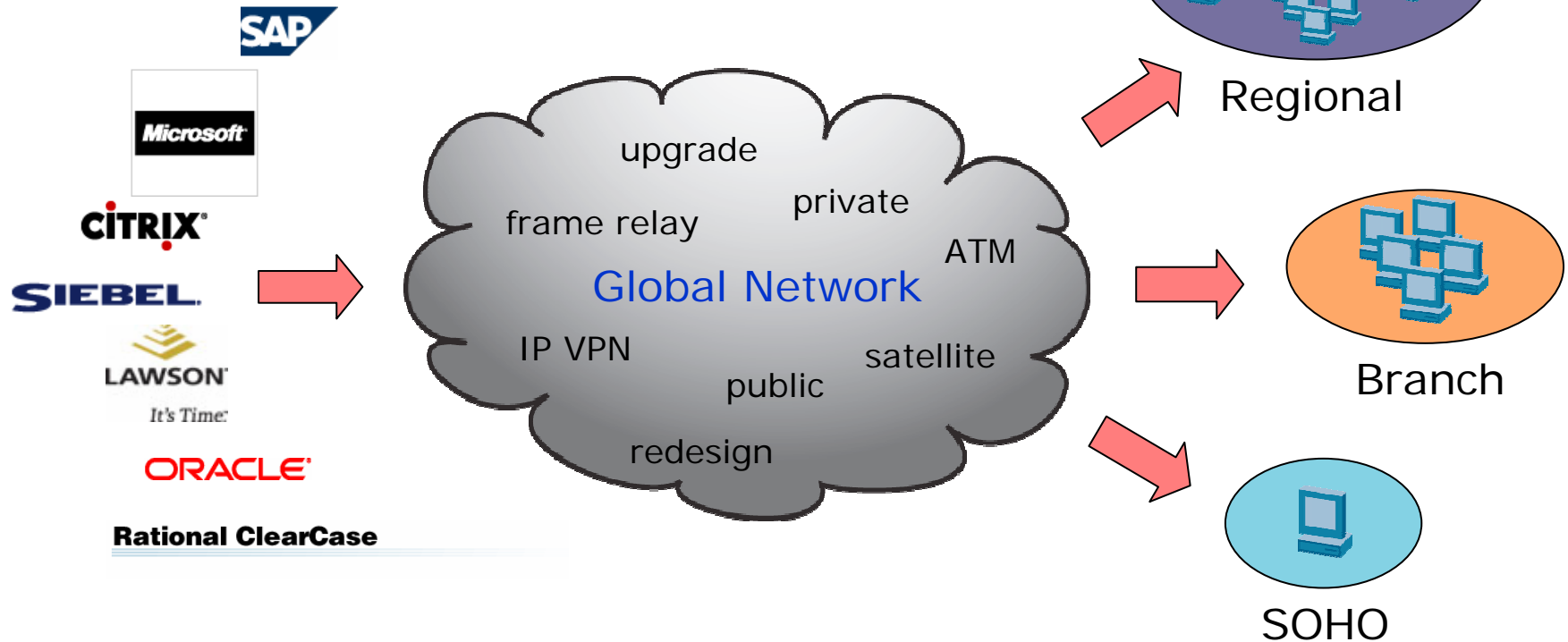
Enterprise Application Shaping

Optimal Enterprise Application Performance on Global WANs

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May 4, 2005**

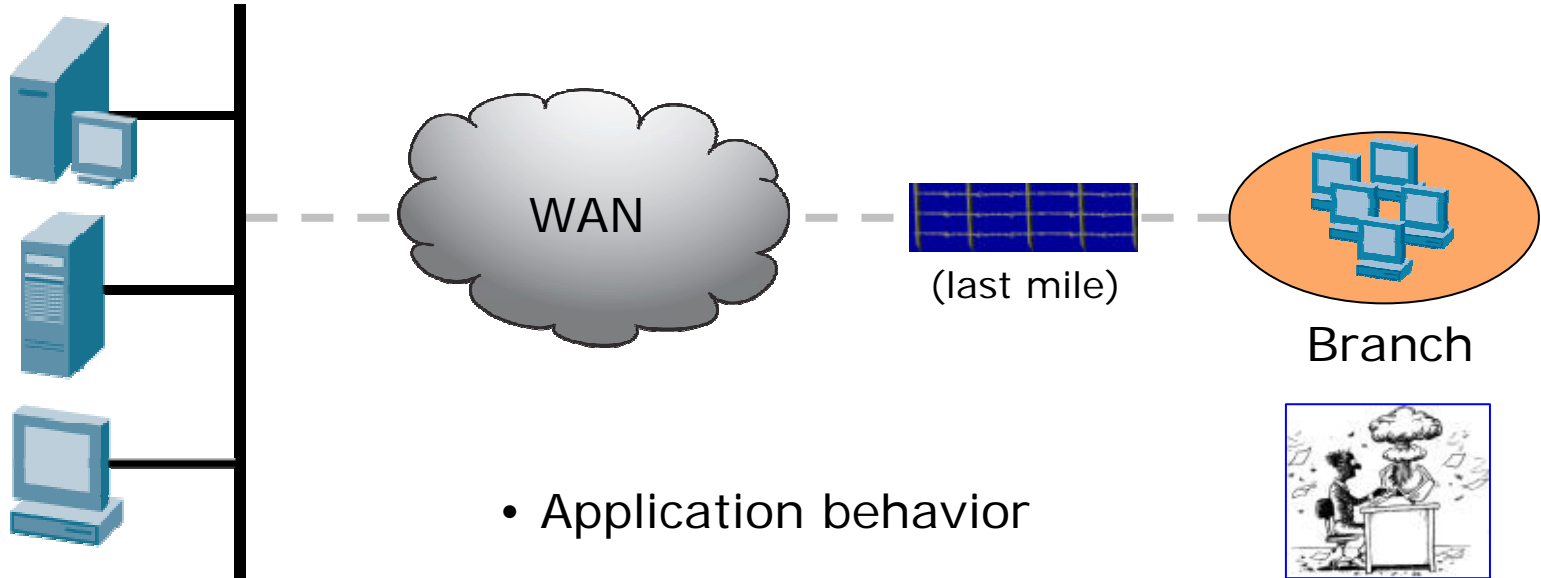
Enterprise Application Environment

Business Applications



"How do I deliver consistent performance when my applications and networks are constantly changing?"

LAN vs. WAN Dilemma



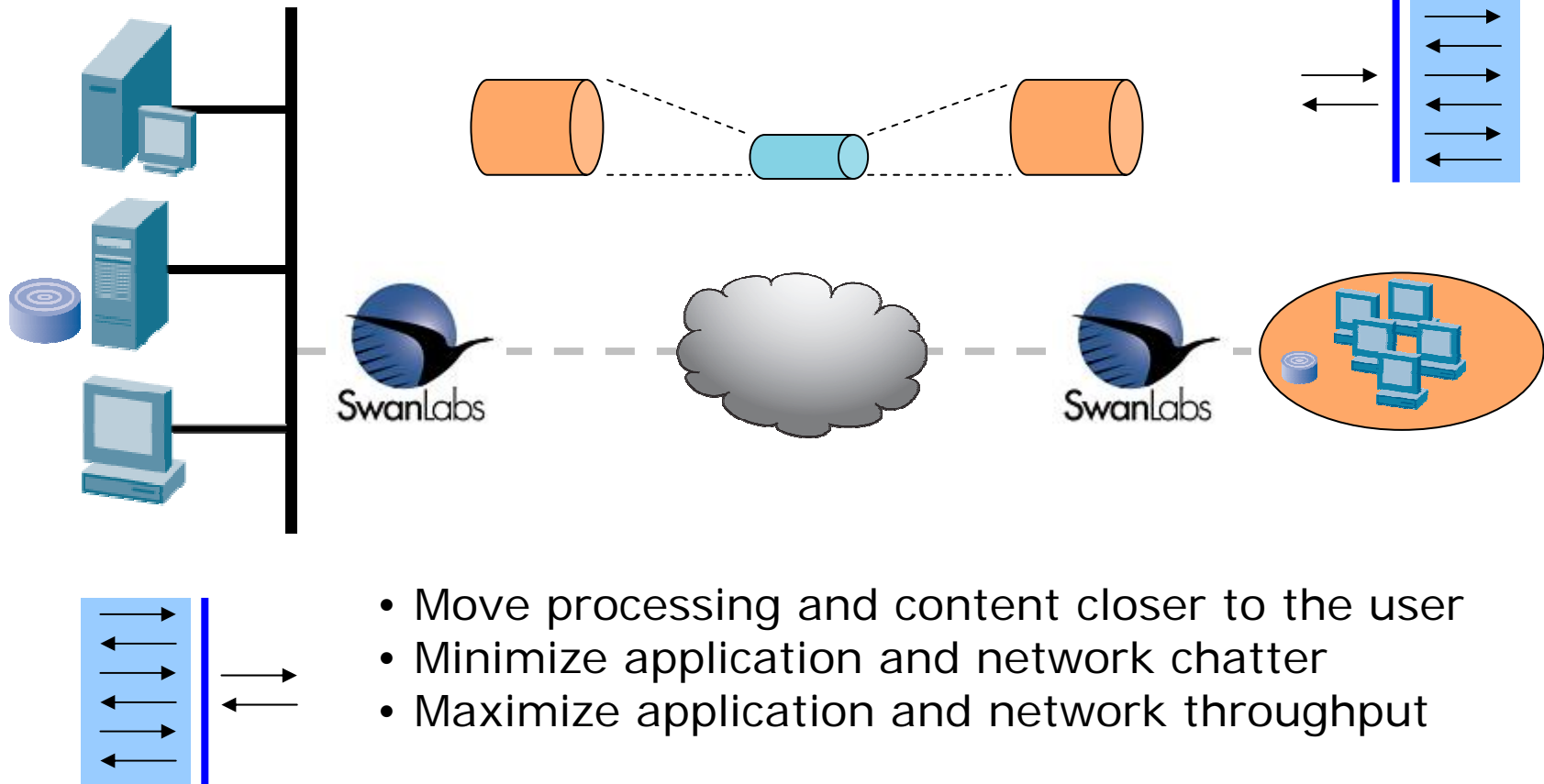
"Works great!"

- Application behavior
- Protocol behavior
- Network constraints



*"#% *&!"*

Swan Labs Layer-5 Solution



- Move processing and content closer to the user
- Minimize application and network chatter
- Maximize application and network throughput

Results

- LAN-like performance on WAN
 - 512K to 1G
- Dramatically lower systems costs
 - WAN bandwidth
 - Servers & infrastructure
- Best user experience
 - High throughput
 - High transaction rates

Swan Labs Software Architecture

L1-7 Management & Reporting

App Protocol Acceleration

Web Services Acceleration

Support Service Acceleration

Session Management

Enterprise QoS

Adaptive Compression

TCP Optimization

Mesh Deployment

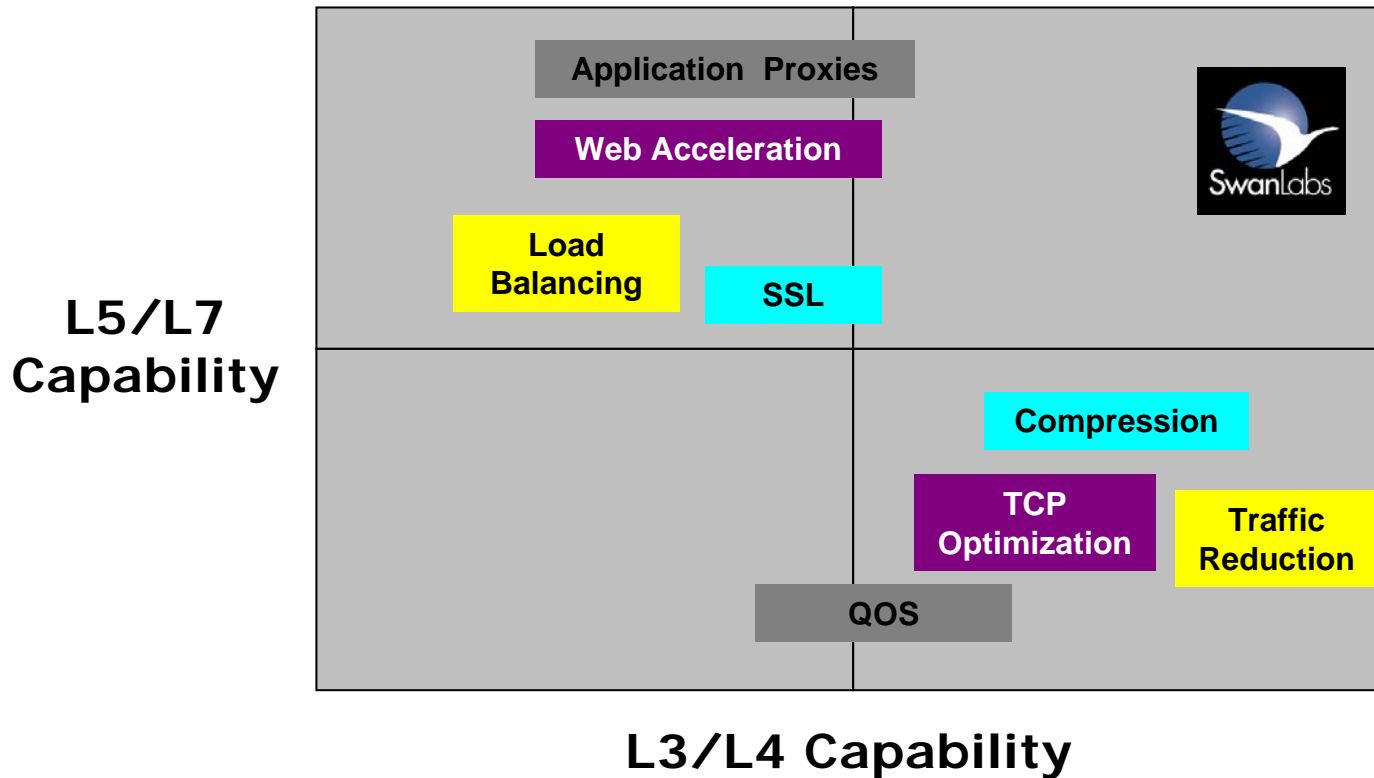
Application Acceleration

- Increases application performance up to 10x
- Works with interactive and batch applications
- Minimizes backend processing load
- Reduces non-productive traffic

Advanced WAN Optimization

- Increases WAN performance by 10x-200x
- Accelerates and secures all WAN traffic
- Provides 100% bandwidth utilization
- Delivers throughput greater than link speed

Consolidates Key Functions



Summary

- WAN application performance is constrained
 - Distance, network quality
 - Application behavior
 - Bandwidth
- Layer-5 architecture is best approach
 - High transaction, high throughput applications
 - Best visibility & management
- Swan Labs is eager to earn your business