

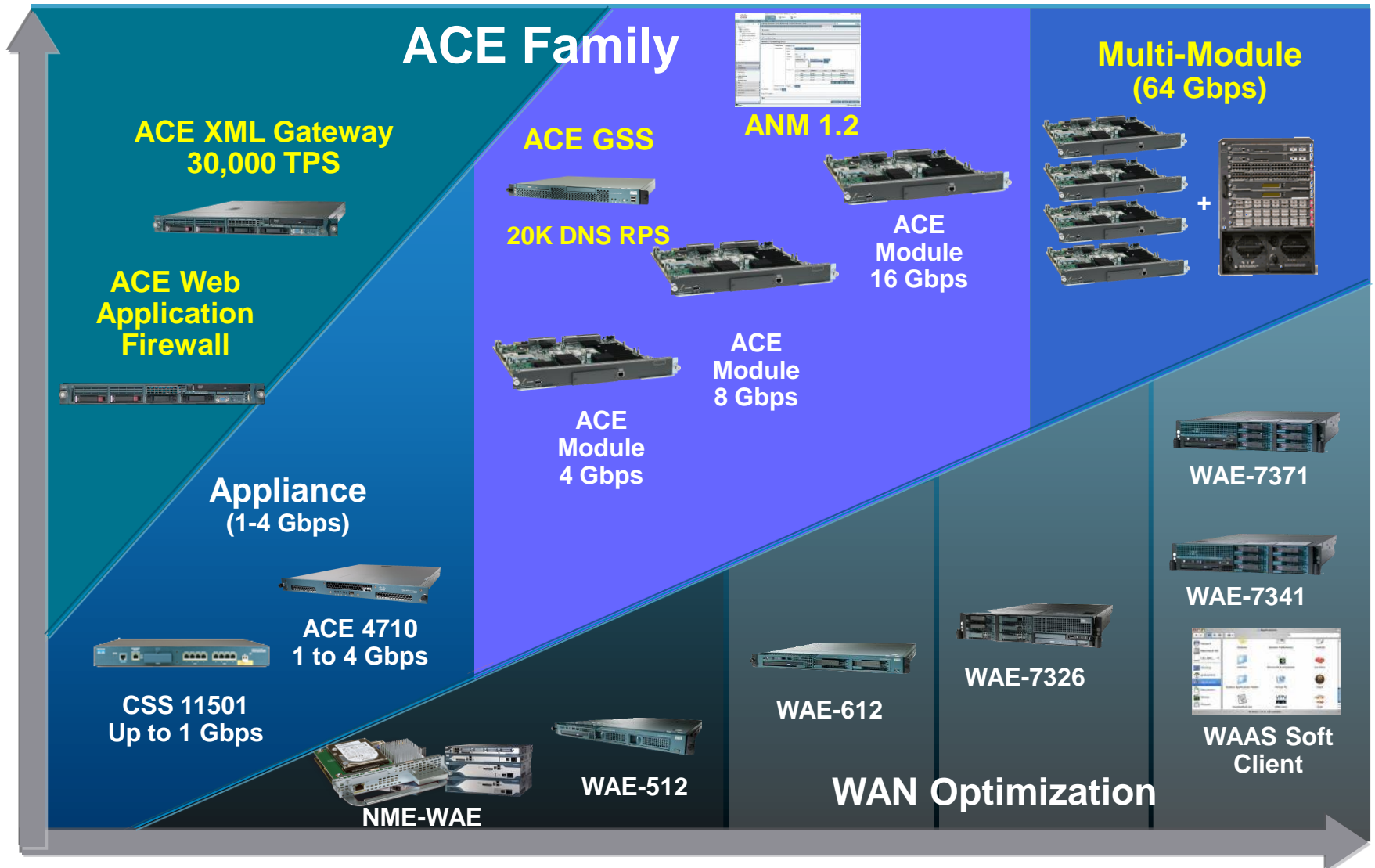


# Cisco Application Delivery Network

## Application Control Engine



# Application Networking: ACE Family Extends A Winning Portfolio



# ACE Key Technologies

## Web Acceleration

- Web App
- PCI Com

## Virtualization

- One ACE acts as many
- Up to 250 virtual contexts per ACE
- Full resource control per context
- Power and cooling savings

## Server Offload

on server  
ing low-level  
nd SSL

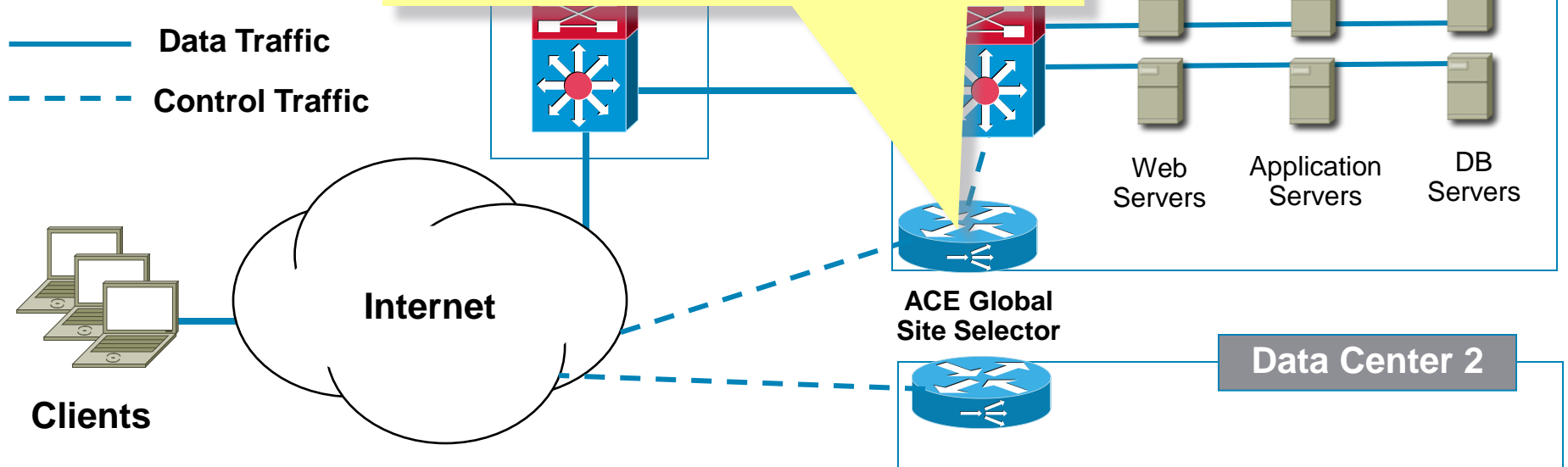
## Application Switching

uses intelligent load balancing to  
balance Layer 4 traffic across  
servers in a data center

Content Switching load balances  
traffic at Layer 7. It examines  
packet information, such as  
cookies and URL's, to identify,  
balance and prioritize content

Attackers such as  
unauthorized access

## Application Switch



# Product Overview - ACE Module

## Fast, Available, and Secure



---

Integrates load balancing, application optimization & security

---

Industry's highest performance: 4 – 64 Gbps

---

Only guaranteed application resources and availability

---

Most scalable security for data center applications

---

Only product with forklift-free upgrades

---

NEBS Certified

---

Module for Catalyst 6500 Switch & 7600 Router

---

**Industry's Only Virtualized Architecture -  
Faster App Rollouts, Green**

# Product Overview - ACE 4710 Appliance

---

**App Availability:** Virtualization Increases Application Resiliency, Roles-Based Control Minimizes Workload

---

**App Performance:** Patented Asymmetric Acceleration + Real-World Architecture

---

**IT Agility:** Software-Based Upgrades, Faster App Roll-Outs through Virtual Devices

---

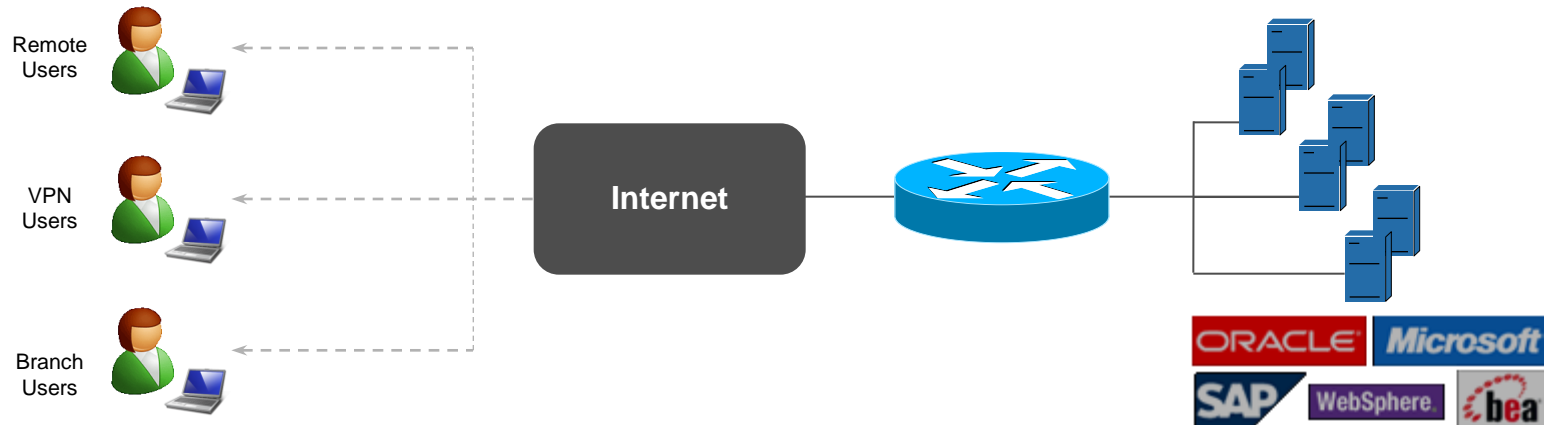
**Lower TCO:** Less Power via Virtual Devices, Significantly Less CapEx

---



**Industry's Best Price/Performance**

# Customer Problem: Application Response Times Too Slow



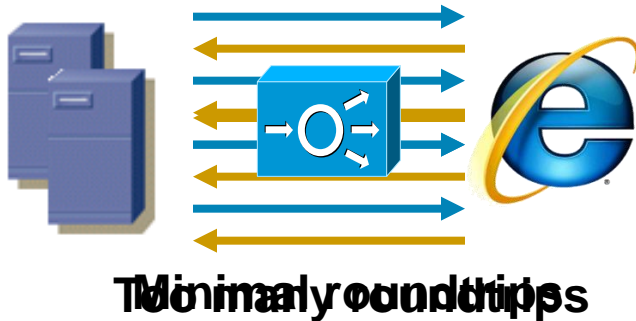
- High network latency
- Low bandwidth to remote users / offices
- Long back-end delays
- SSL processing overhead

**Poor performance for web-based applications**

# Solution: ACE Application Acceleration

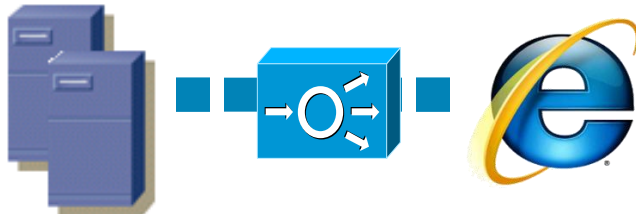
## More Speed, Less Traffic

### Latency Reduction



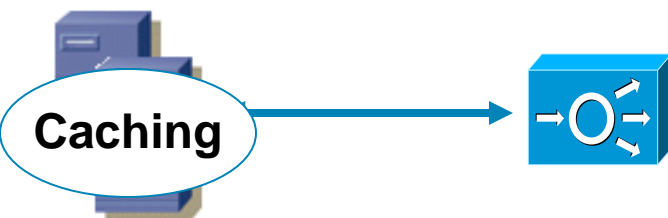
- Patented FlashForwarding for fewer roundtrips for faster page downloads
- Efficient connections management

### Bandwidth Reduction



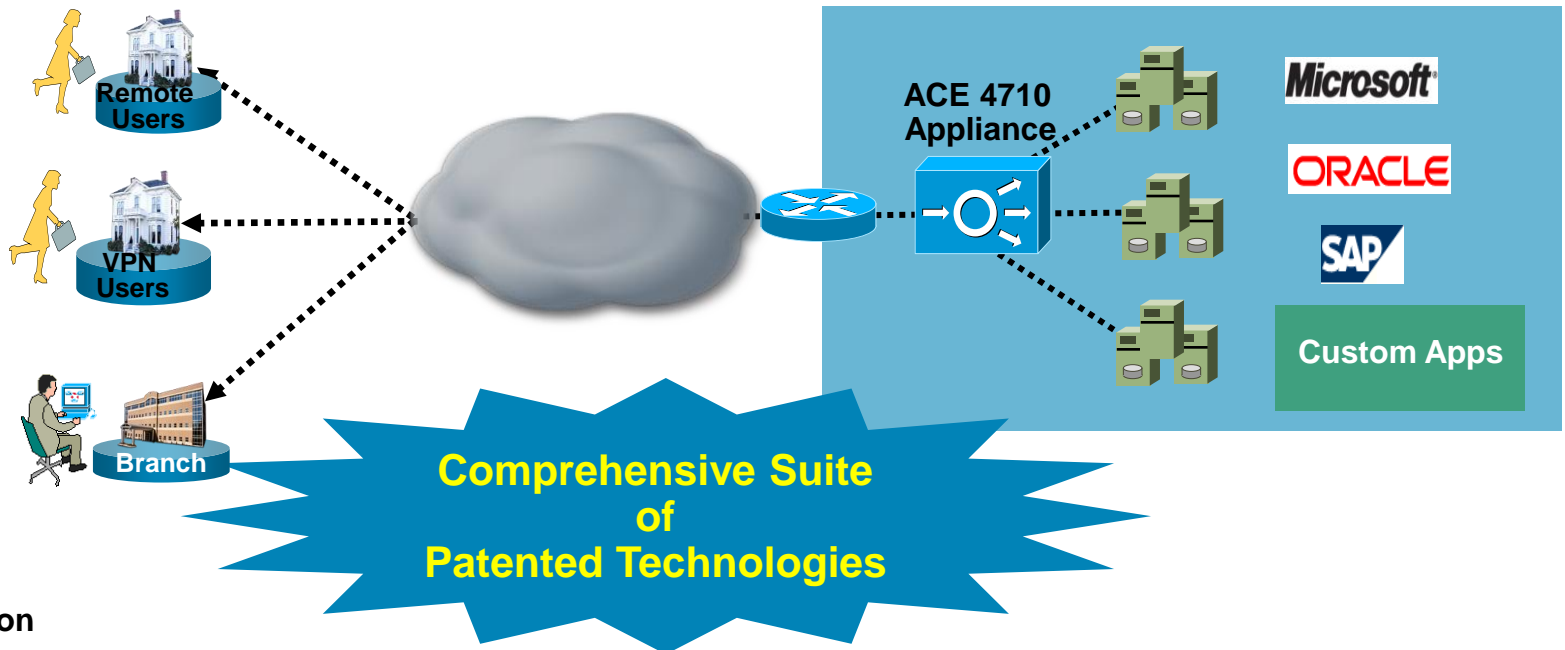
- Patented Delta Encoding sends changed data only, reducing number of bytes transmitted
- Compression for all data types

### Required data only Server Offload



- Increase server capacity by offloading:
  - SSL termination
  - TCP connection management
  - Static and Dynamic Caching

# Cisco ACE 4710 Appliance Accelerates Web Application Performance



**Comprehensive Suite  
of  
Patented Technologies**

## Latency Reduction

- FlashForward – Eliminates unnecessary round-trips
- Smart Redirect – Reduces latency
- Browser Connection Multiplexing – Reduces latency

## Bandwidth Optimization

- Delta Encoding – Sends only changes
- Smart Image Optimization – Reduced file sizes; optimizes image quality
- Compression – Sends fewer bits

## Server Offload

- Static & Dynamic Caching – Offloads servers and databases
- TCP Offload – Offload TCP setup & tear down
- SSL Offload – Increases server efficiency

**500% Improvement in Response Times  
80% Decrease in Bandwidth Usage**

# Summary: Cisco ACE Family – Highly Available, Accelerated & Secure Applications

## An ACE For Every Need

- Complete range of products to address wide array of application and data center challenges
- Industry-leading scalability, performance and security

## Always-on, Fast & Secure Apps

- Minimize impact of application, device or site failure
- Up to 500% faster applications
- Best-in-class comprehensive app security including XML Firewall

## Green ACE with Virtualization

- Reduced CAPEX / OPEX and increased IT productivity
- 400% lower power, cooling and space requirements
- Up to 75% faster application deployments

## Support and Advanced Services

- Award-winning global 24/7 support
- Professional lifecycle services, including planning, design, implementation, operation, & optimization services

# NEXT GENERATION DATA CENTER

Cisco Application Control Engine (ACE) 4710 Appliance

## ACE 4710 Appliance

- ☒ MAXIMIZED APPLICATION AVAILABILITY
- ☒ FASTER APPLICATION RESPONSE
- ☒ COMPREHENSIVE APPLICATION SECURITY
- ☒ VIRUTRALIZED ARCHITECTURE

Save up to 50% when you trade in any load balancer for Cisco ACE



Additional FREE Lenovo Laptop (Model No: S10) with every trade in of 2 units

Vendor Part No.	Description	List Price
ACE-4710-0.5F-K9	ACE 4710 Hardware-0.5Gbps-100 SSL-100MbpsComp-5VC- 50 AppAcc	USD15,995
ACE-4710-1F-K9	ACE 4710 Hardware-1Gbps-5K SSL-500MbpsComp-5VC- AppAccel	USD39,995
ACE-4710-2F-K9	ACE 4710 Hardware-2Gbps-7500 SSL-1GbpsComp-5VC- AppAccel	USD59,995
ACE-4710-BAS-2PAK	2 Units of ACE 4710 Hardware-1Gbps-1K SSL-100MbpsComp-5VC- 5	USD49,995
ACE-4710-BUN-UP1=	ACE 4710 0.5G to 1G Bundle Upgrade License	USD24,000
ACE-4710-BUN-UP2=	ACE 4710 1G to 2G Bundle Upgrade License	USD20,000

### Terms & Conditions:

• Promotion is valid from 27th July 2009 to 23rd October 2009. • Pictures are for illustration purpose only.. • Ingram Micro Asia Ltd reserves the rights to amend the promotion details without prior notice.

