



Infoblox nudi nova rješenja za upravljanje DNS/DHCP i IP adresa

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Enable Your Network
Empower Your Business

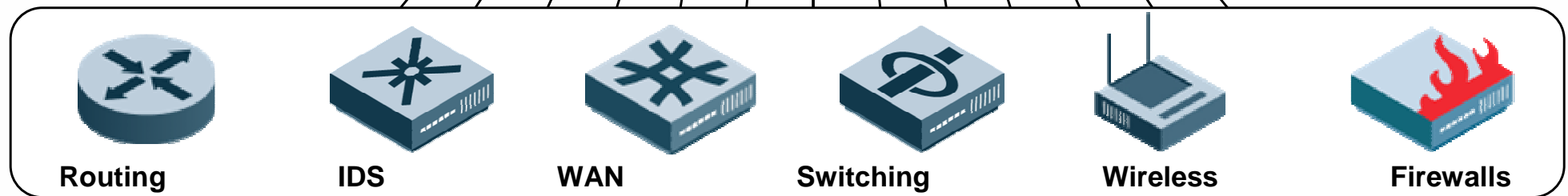
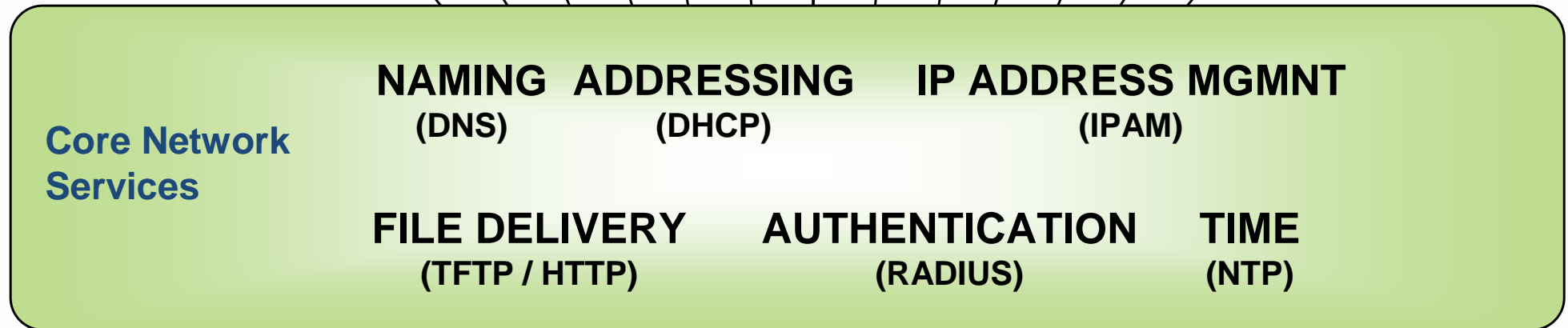
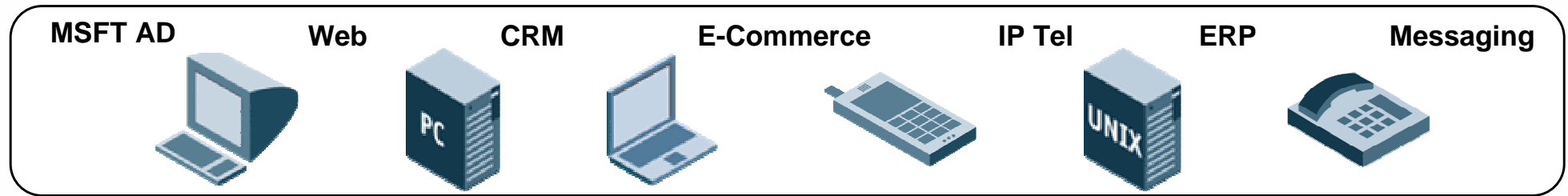
20. i 21. ožujka 2008.
Hotel Dubrovnik Palace
Dubrovnik

Welcome to the Human Network.



Core Network Services – The “Glue” Between Networks and Applications

Applications



Network Infrastructure

Feb 2008: “Third-party DNS solutions offer the best choice [vs. Microsoft] for enterprises that want the highest level of control over and management of their DNS environments.”

The Gartner logo is the word "Gartner" in a blue sans-serif font, with a small "TM" trademark symbol to the right.

May 2007: “To prevent your network from becoming an IT bottleneck, you must build a utility-grade network...by transitioning off commodity hardware to appliances and investing in proper IPAM tools.”

The Forrester logo is the word "FORRESTER" in a white sans-serif font, enclosed within a dark green oval shape.

- **VoIP/IPT Deployment**
- **Network Refresh**
- **Data Center Move / DR Site Build-out**
- **Wireless Rollout**
- **NAC Initiative**
- **WAN Optimization/Branch Consolidation Project**
- **Compliance Initiative**

“Network operators must refocus on core network infrastructure to lay the foundation for the next generation of IT services”

The Forrester logo features the word "FORRESTER" in a white, serif, all-caps font, centered within a dark green oval shape.

Appliances are the Proven Best Way to Deliver Key Network Services



YESTERDAY

Routing software on Unix boxes

TODAY



Cisco
Multi-protocol
Routers

File storage on standard servers



Storage
Appliances

Security software on standard servers



Firewall
Appliances

DNS/DHCP/IPAM on standard servers



Network Identity
Appliances

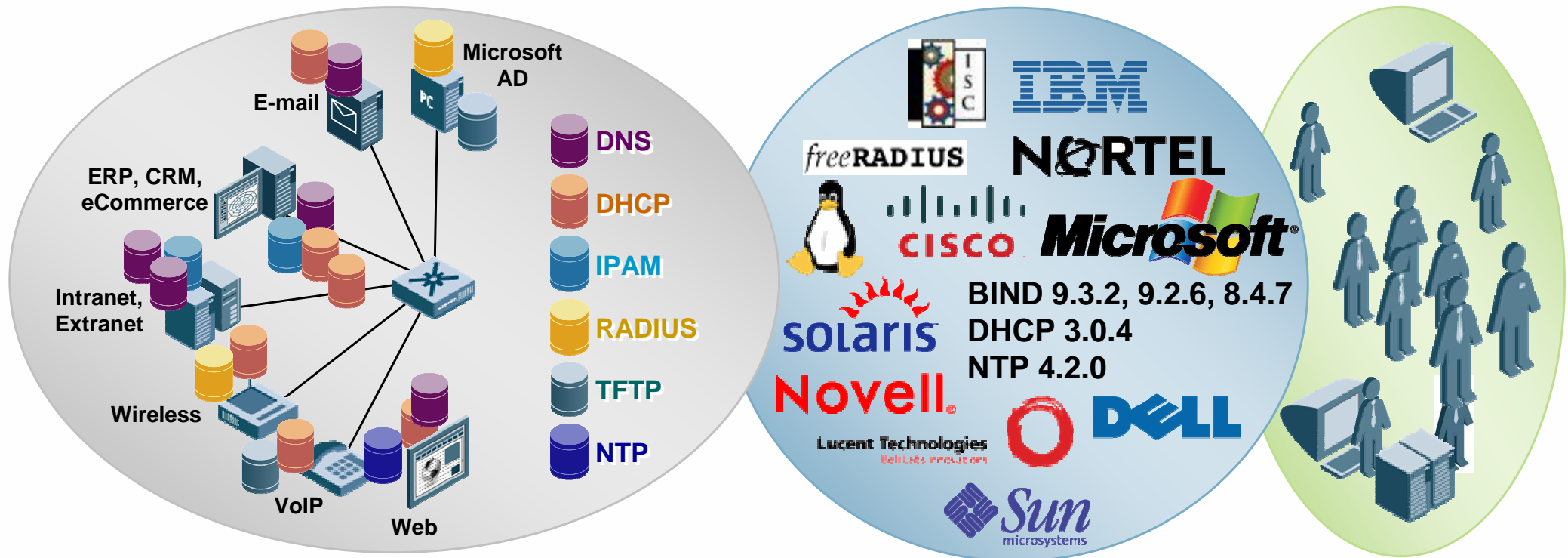
Core Network Services Delivery Today: Mix of Hardware, Software, and People

Challenges of legacy *Infrastructure*:

- **Complex and expensive** to manage and maintain
- **Security risks**
- **No High Availability or Disaster Recovery**

Challenges of Excel list - IPAM:

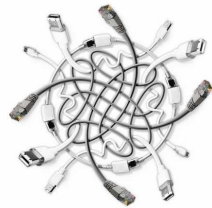
- **Inconsistencies** in IP number plan
- How to **share and delegate?**
- How to **audit and report?**



Automation of Core Network Services is Essential to Meet Evolving Needs



Automatically track IP usage and devices



Ensure nonstop service availability

Provide automatic disaster recovery and roll-back



Delegate management, without losing control or accuracy

Increase security, with less effort



Easily meet audit & compliance reporting requirements

Reduce reliance on custom scripts

```
[bash ~]$
```

TASK: Create identical DHCP networks for 50 offices, including fixed addresses for printers and routers and ranges for VoIP phones and PCs



Microsoft: 250 Min.

 **800% Faster**

Infoblox: 30 Min.

TASK: Change the primary name server of 100 zones (i.e., promote a current secondary to primary, demote the current primary to a secondary)



BIND: 30 Min.

 **6000% Faster**

Infoblox: 30 Sec.

TASK: Update the DNS software on 5 name servers



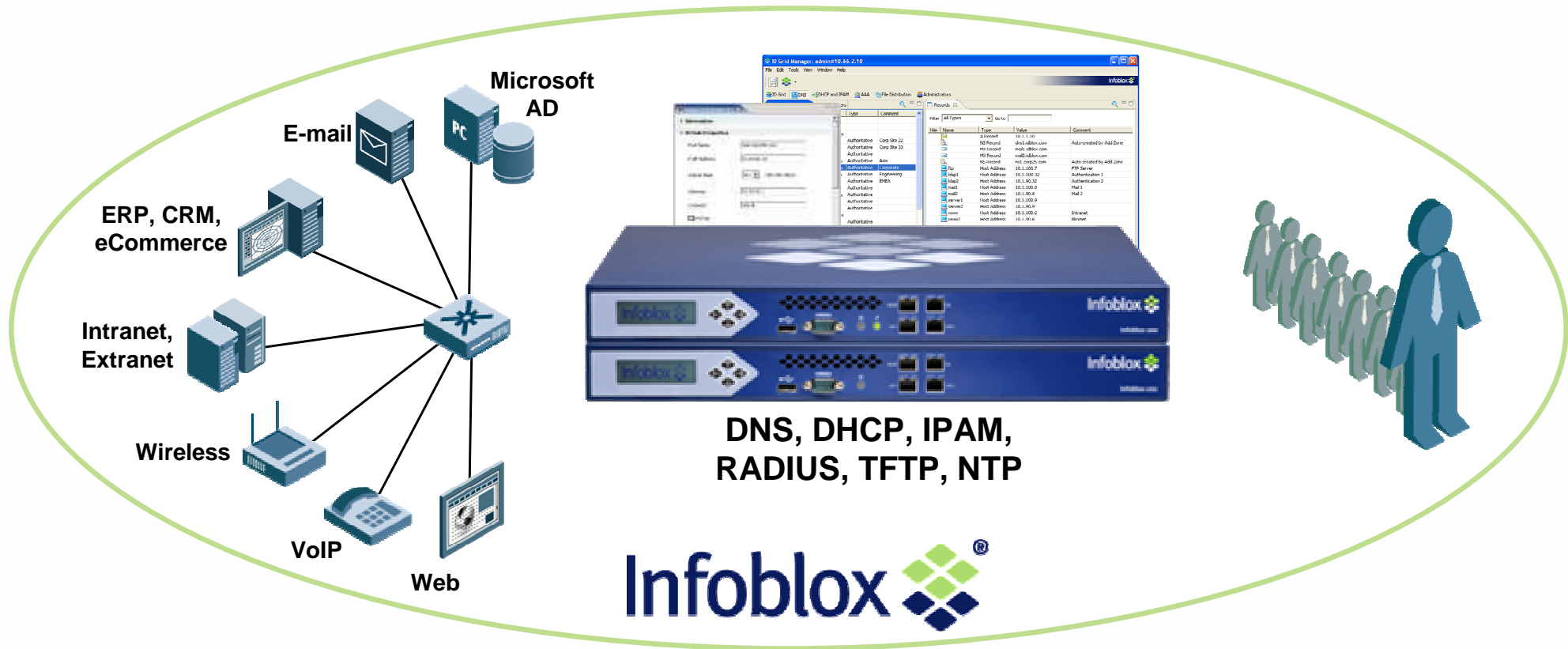
BIND: 330 Min.

 **1100% Faster**

Infoblox: 20 Min.

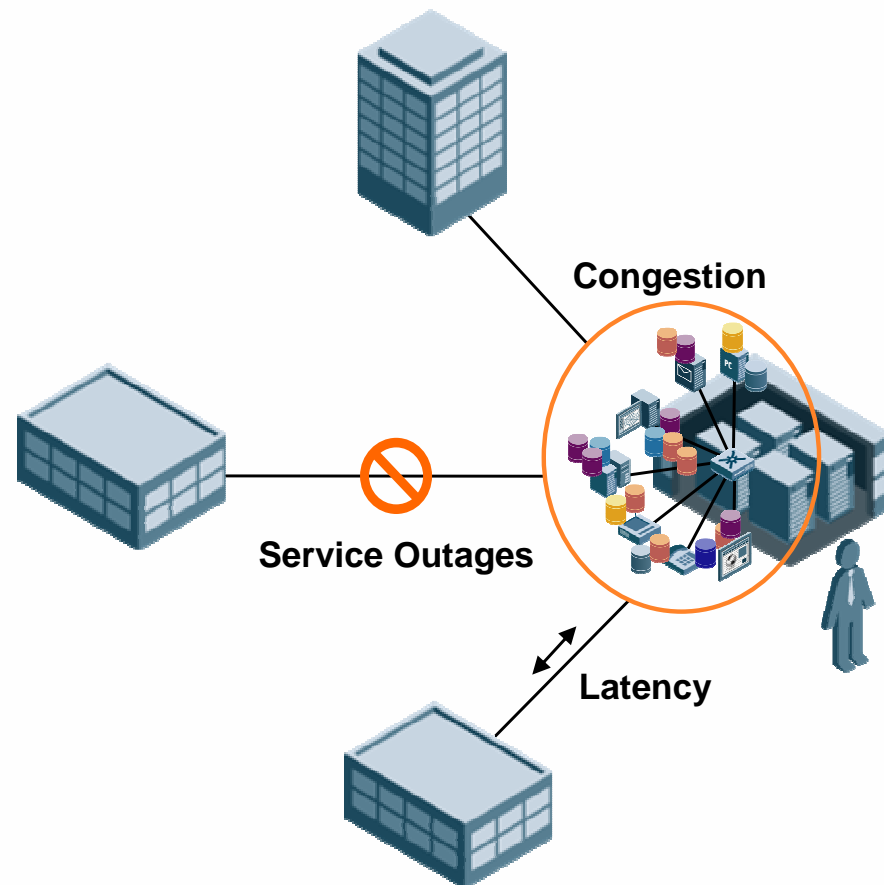
TIME 

Step 1: Automate your Core Network Services with Infoblox Appliances

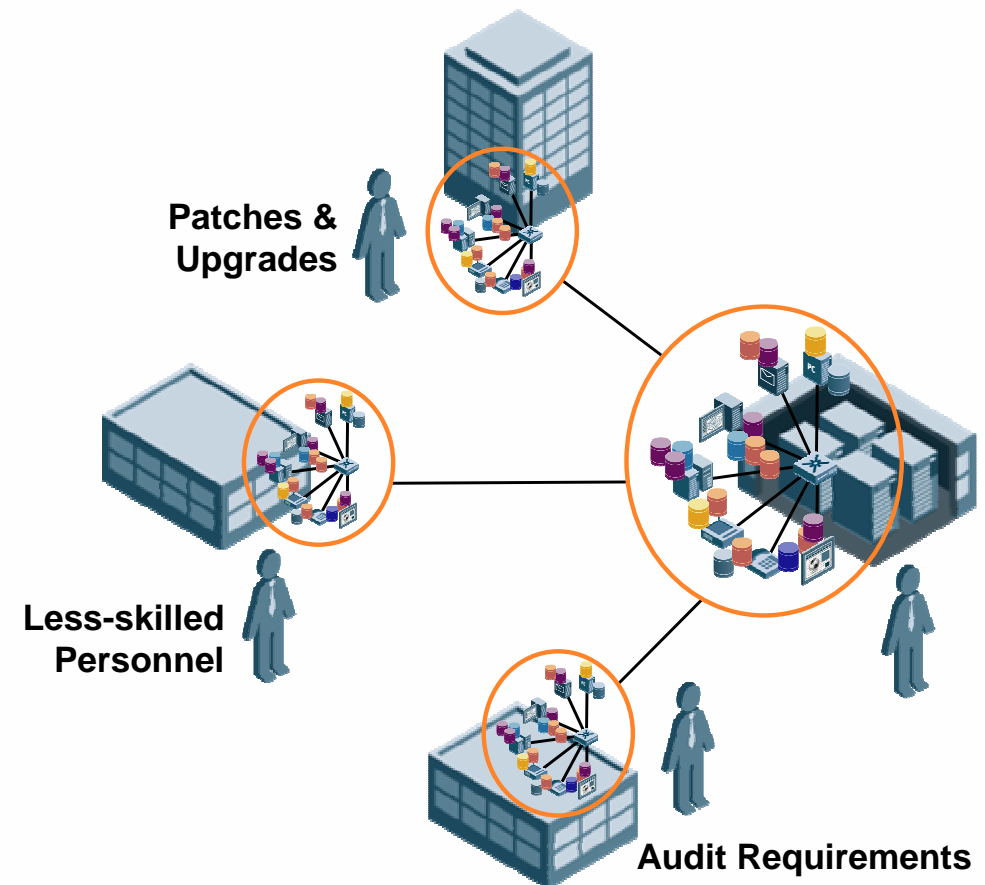


Simple Secure Reliable Complete

- **Centralizing Core Network Services makes management easier – but compromises performance and availability**



- **Distributing services enhances survivability and performance – but increases costs and lowers security**



Step 2: Use the Infoblox Grid Technology

Grid: A collection of *member* appliances running one or more services (DNS, DHCP, RADIUS, File Delivery, etc.)

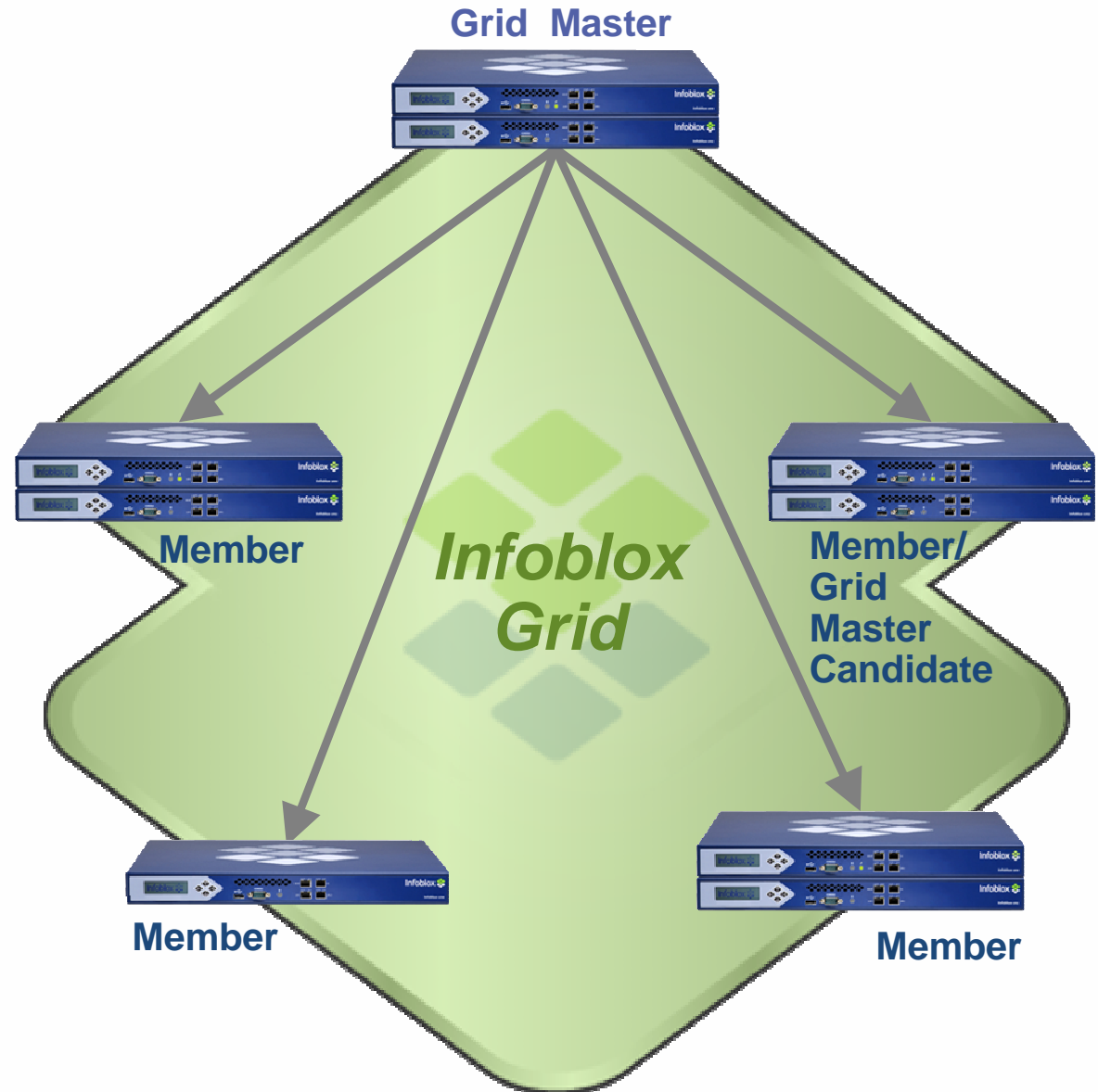
Coordinated by a *grid master*

Sharing a distributed database

Communicating via an SSL VPN

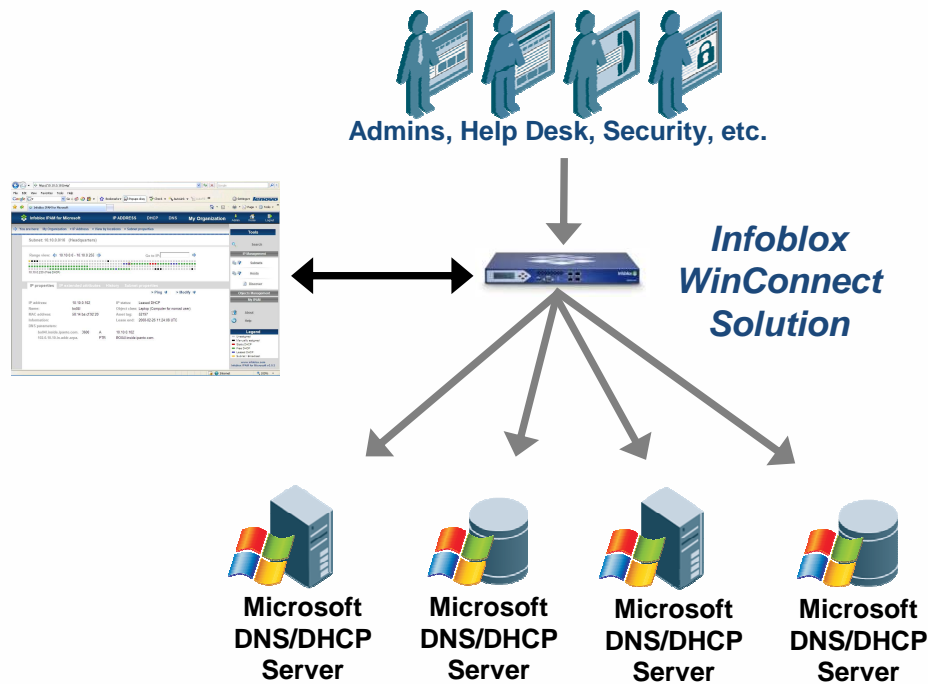
Provides:

- **Centralized visibility and control**
- **Backup and restore**
- **Monitoring and reporting**
- **Failover and disaster recovery**



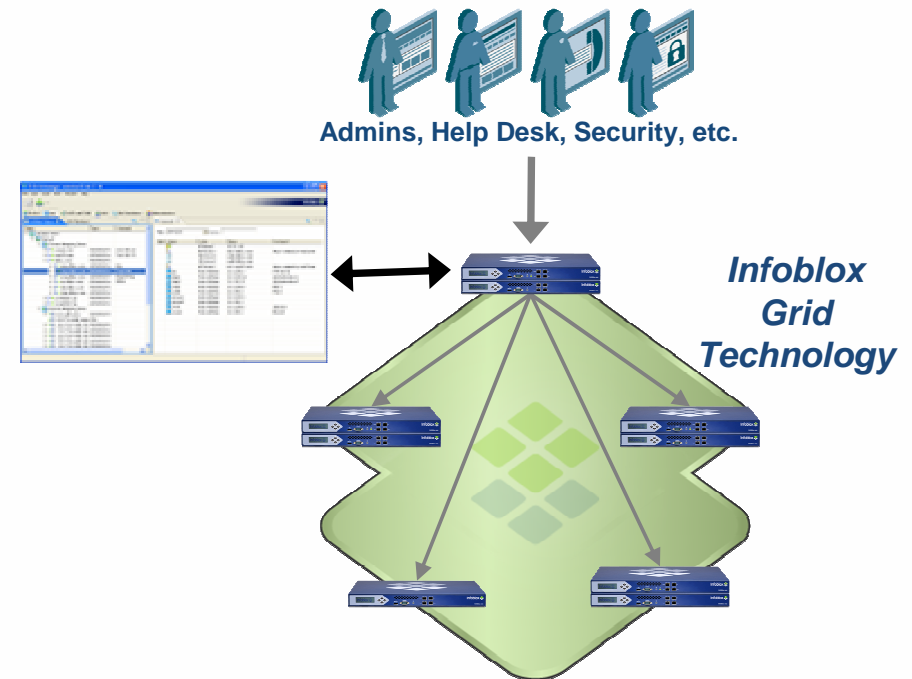
Two options: Enhance or Replace Your Existing Infrastructure

Automation for Legacy Infrastructure



- Centralized visibility and control
- Delegated, secure administration
- Auditing and reporting

Automation and Resilience with Infoblox Infrastructure



- Centralized visibility and control
- Delegated, secure administration
- Auditing and reporting
- Hardened appliances, integrated services
- High availability and service failover
- Automated disaster recovery



Infoblox Grid Provides Enhanced DNS and DHCP for Microsoft AD



- **Infoblox services are fully compatible with Microsoft Active Directory**



- **Easy to migrate the Microsoft AD DNS zones to the Infoblox grid**
- **Easy to migrate the Microsoft DHCP servers to the Infoblox grid**
- **Overcome the limitations of Microsoft DNS/DHCP**
 - Infoblox provides DNS views, IPv6 DNS, DHCP failover protocol, etc.
- **Overcome the management limitations of Microsoft DNS/DHCP**
 - Infoblox offers centralized visibility and control, delegated administration, auditing and reporting, etc.
- **Overcome fundamental Microsoft challenges**
 - Avoid orphan records
 - Avoid propagation delay of DNS/DHCP changes
 - Neutralize dependencies between AD service and DNS service

- **Pioneered Core Network Services Appliances:**
 - World's first DNS/DHCP appliance
 - World's first RADIUS appliance
 - World's first integrated DNS, DHCP, and IPAM appliance
 - World's first integrated DNS, DHCP, IPAM and RADIUS appliance
- **Market share leader (41%)***
- **250+ employees with headquarters in Santa Clara, CA**
- **Offices/Partners in 30 countries**
- **Experienced management team and technical leaders**
 - Robert Thomas, CEO, formerly CEO of NetScreen
 - Cricket Liu, Vice President of Architecture, author of O'Reilly's *DNS and BIND*
- **More than 17,000 units shipped to 2000+ customers**
- **Strategic partnerships & joint solutions with industry leaders:**



*IDC 2007

Customers Include Over 100 of the Fortune 500



Financial Services

ABN AMRO
 AG Edwards
 Allmerica Financial
 American Express
 Bank of Tokyo
 Barclays
 Cendant
 Federal Reserve Bank, Boston
 ING
 Lehman Brothers
 Liberty Mutual
 Northwestern Mutual
 SWIFT
 Visa
 Washington Mutual
Media/Internet
 Bloomberg
 Fox
 Reuters
 Softbank
 Time Warner Cable
 Universal Studios

Education

Brown University
 Georgia Tech
 NYU
 Northwestern Univ.
 Univ. of California
 Univ. of Nebraska
 Univ. of Hawaii
 Univ. of Pennsylvania

High Tech/Consulting

ACS
 Agile Software
 ATK
 Brocade
 EDS
 Iron Mountain
 Logitech
 National Semiconductor
 Philips Semiconductor
 Qualcomm
SAP AG
 Siemens

Retail/Services

Abercrombie & Fitch
 Avon
 Coach
 FedEx
 Gap
 GEICO
 Hertz
 L.L. Bean
 Lenscrafters
 McDonald's
 MGI Metro
 Payless Shoe Source
 Pitney Bowes
 Tiffany & Co.
 United Airlines
 W.W. Grainger

Energy

Aramco
 Exelon
 Progress

Manufacturing

3M
 Boeing
 Bridgestone/Firestone
 Caterpillar
 Danone
 Deere
 General Electric
 Lockheed Martin
 Sara Lee Foods
 Teradyne
 Toro
 Whirlpool

Life Sciences

Amgen
 Blue Cross
 Cardinal Healthcare
 Caremark
 McKesson
 MDS Pharma Services
 Pfizer
 Quest Diagnostics

Government

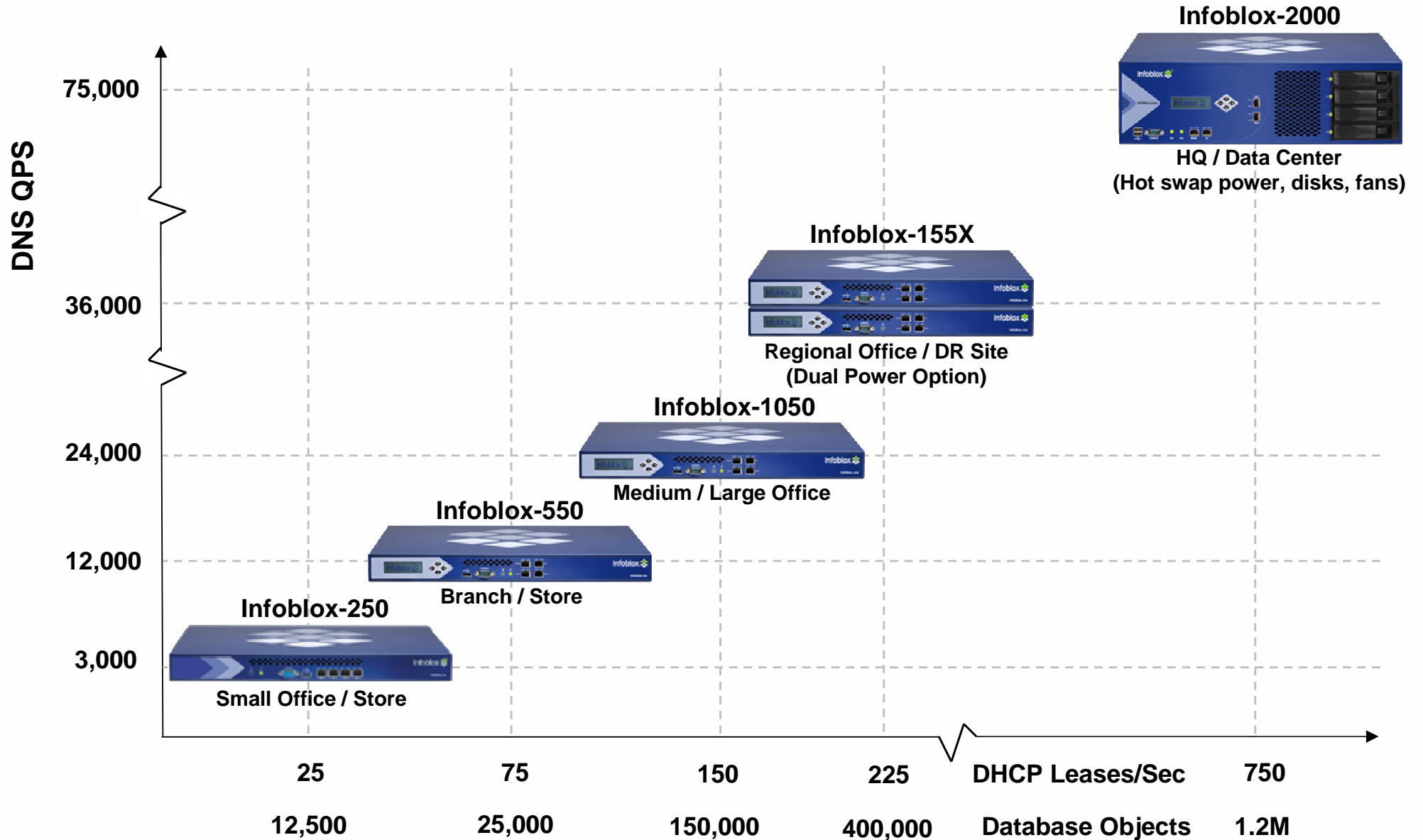
AZ Dept. of Transportation
 Dept. of Homeland Security
 TX Dept. of Transportation
 U.S. Air Force
 U.S. Army
 U.S. Courts Admin. Office
 U.S. Customs & Border Protection
 U.S. Navy

Telecom

AT&T Broadband
 Cable & Wireless
 Sprint PCS
 Telus
 Verizon
 Vodafone

FOR INTERNAL
 USE ONLY -
 PROPRIETARY
 AND
 CONFIDENTIAL

Infoblox Appliances Family Enables “Right-Sizing” for Any Environment



Hvala !

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