The Internet has opened up new sales channels and direct links with suppliers and partners. Business ecosystems and supply chains are wider; with more outsourcing, offshore sourcing, and managed services. These changes drive the need for faster, more flexible connections and information sharing. Traditional enterprise networks, built on an “inside/outside” paradigm, need to be adapted to this new business environment.

HP Adaptive Network Architecture
for more flexibility and responsiveness
The way you do business has dramatically changed, with changes in business processes or organization happening on a daily basis. Today, you need a network that can connect with business partners in minutes, constantly adapt information flows to new business models, and have everything available anytime, anywhere.

To help you meet these challenges, HP offers an innovative network architecture that is focused on your business requirements and supports your changing needs. The HP Adaptive Network Architecture (ANA) segments an enterprise network into compartments based on the business needs of applications or hosted services. It then extends these compartments to any location, and provides centralized policy management. The result is a simplified and flexible network model that provides increased business agility for your enterprise.

Design principles for agile networks and enterprises
The patented HP Adaptive Network Architecture reinvents the network model based on the design principles of simplification, standardization, modularity, and integration.

- **Simplification**—simple and sustainable network architecture is based on information needs, rather than physical layout
- **Standardization**—central policy definition and management enables dynamic reconfiguration and consistent deployment throughout the enterprise
- **Modularity**—geographically distributed network compartments group together systems or applications with similar business needs
- **Integration**—compartments offer predefined environments for integration and easy addition of new applications, services, or devices
Starting with a view of your networking needs and perspectives

HP Services offers HP ANA as a complete end-to-end business solution—from an initial assessment to design, architecture, deployment, management, and support. HP ANA is also available as part of enterprise networking solutions such as IP telephony and network consolidation, or through our managed network services. Either way, HP Services professionals will work with you to implement HP ANA through a phased approach to enable an easy migration that shows business benefits every step along the way.

- **Strategy and planning**—starts from your business strategy to give you a measurable return on investment
- **Framework design**—provides logical compartment design, based on business needs and information flows
- **Technical implementation**—offers cost-effective migration using existing equipment, proven methodologies, and expert staff
- **Organizational implementation and training**—enables an organization to operate, maintain, and evolve the resulting architecture

**Short- and long-term business benefits**

The result of implementing HP ANA is a simple and sustainable network model—the foundation for an adaptive enterprise that can help you achieve a higher level of competitive advantage. You will realize measurable improvements with the ability to:

- Create rapid access for partners, customers, and employees
- Integrate or split infrastructure as required by mergers, acquisitions, divestitures, or reorganizations
- Enable rapid implementation of new business models
- Migrate easily to collaboration, outsourcing, or offshoring business process models

In addition, HP ANA will help you achieve:

- **Greater agility**—more effectively anticipate change, respond faster, adapt value delivery systems, and shorten the amount of time to realize the benefits of new partnerships.
- **Reduced costs**—make changes with fewer people and in less time, leverage your existing network infrastructure to deliver long-term cost reductions and savings.
- **Improved quality of service**—communicate easily with your business partners, dynamically adapt your network to changing business requirements, enable your enterprise to take full advantage of the Internet.
- **Risk mitigation**—enforce and automatically deploy a unified policy, quickly and consistently, with effective central management throughout your network.

**HP invention and experience—working to your advantage**

HP has five patents pending for process and design elements that constitute the underpinnings of HP ANA. We have also successfully deployed this architecture in our own worldwide organizations, between partner organizations, and for other enterprise customers. These implementations reduced administration costs, lowered year-to-year operating expenses, dramatically shortened acquisition lead times, and improved partner collaboration.

Our skilled and experienced engineers and consultants are well prepared to help you improve your company’s infrastructure with this simplified, modular approach to network architecture. They can help you respond to accelerating business requirements, integrate partners and suppliers easily and safely into your business ecosystem, quickly enable business process and organizational change, and rapidly realize new business models.

To learn more about Adaptive Network Architecture, call or visit http://www.hp.com/hps/network/nw_adaptive.html