



- In today's IT world, total systems integration of complex and heterogeneous environments is the key to success.

The Growing Dilemma

In the earlier IT days, a homogenous systems environment was viewed as ideal for providing efficiency of procurement, administrative overhead, and service upkeep. Diversification was to be avoided at all costs.

Organizations today are growing increasingly aware of the pitfalls of homogeneous system environments, which are more susceptible to security threats (e.g. hacking, worms, viruses) precisely because of their homogeneity. Each successful security breach can lead to the demise of a large portion of the entire systems environment. This increased vulnerability of uniform systems greatly reduces the security and privacy of your organization's proprietary data.

The Ideal Solution

Many organizations are now starting to move away from system uniformity. They not only recognize that it is unrealistic, but also unsafe and unreliable. Instead of conforming to uniformity, they are moving towards diversifying their environments.

Diversification of the IT environment is the key to your organization's success because it:

- Increases security through diversity and multiplicity.
- Decreases vulnerability through isolation of affected system.
- Provides stability through high availability.

As an increasing number of organizations realize its considerable benefits, it becomes apparent that diversification is here to stay.



- **Security through heterogeneity –**
We can make sure your complex environment is provided with the best integration to satisfy all your requirements.

Our Fundamental Expertise

At LCG Systems, we view complex and heterogeneous networks as an important opportunity for our clients. Not only do we understand how to bring together multiple operating systems into a seamless end-user experience, but we understand heterogeneity as a significant security advantage for our customers.

At LCG Systems, we are experts at:

- Integrating Macintosh and Windows computers into a common directory service structure that allows our clients to enforce cross-platform security policies.
- Extending security to include client services management of both Macintosh and Windows desktops for additional network protection.
- Utilizing tools that offer multiple OS support for client asset management and security patch management.

Our expertise does not end there. At LCG Systems, we understand the pitfalls of data protection in complex environments. We can help our clients successfully implement storage and backup solutions that ensure an environment that facilitates data storage and protection.

The LCG Advantage

Most of our competitors may only know one way of doing things. Their experts may only be skilled in single-system solutions. If their teams consist of specialists in multiple operating systems, they may not be experts in integration.

LCG Systems was the first to provide a total systems integration solution to our clients at the National Institutes of Health (NIH). Additionally, we wrote a white paper that details how to bring together Macintosh and Windows computers into NIH's Active Directory forest.

Ultimately, we are your ideal partner because we understand your organization's complex network needs. We will work closely with you to implement advanced IT solutions to meet the needs of your:

- End users
- Security team
- Directory services team
- Desktop support team
- Organizational and management goals

Let us help you implement the right IT solution for your environment.