

# Integrated Network Security Strategies

## Organizations Historical Approach to Network Security

The historical behavior is to treat network security as an overlay or address network security concerns with assorted point tools.



**51%**  
of organizations say their **network was not architected** with security in mind



## Network Security Challenges Persist

The historic approach has led to a number of network security challenges and is no longer an effective strategy for addressing advanced threats or IT complexity.

### Challenges that lack of integrated network security contribute to:



## Most Significant Factors that Are Shaping Organizations' Network Security Strategies

Forward-thinking organizations that are keeping security risks in mind plan to address issues around complexity, scalability, policy enforcement, and inefficiency by building a more dynamic, integrated network architecture.

### Significant factors cited include:

Malware threat prevention and detection



The need for an integrated architecture with central command and control and distributed policy enforcement



Support for mobile computing initiatives



Network security flexibility to support dynamic business processes



Support for cloud computing initiatives



The need to scale network security to meet increasing network traffic



## Primary Network Security Strategy Objectives

Network security strategies are changing as organizations build network security architectures that provide security efficacy and operational efficiency while supporting business requirements.

### These strategies include:

- Implement more strong security controls throughout the internal network.
- Apply more granular network access controls based upon factors like user identity, device type, and time.
- Consolidate disparate tools into integrated security platforms like NGFWs.
- Capture more network traffic for security analytics.
- Automate manual processes.
- Create a specialized group with both network and security skills.



For more information, please visit:  
<http://www.cisco.com/go/security>