

# PSARN

Management & Engineering

## Security as a Managed Service

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::: ISSEC 2010 Conference :::



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# Security as a Managed Service

Introduction



The Status Quo



Introducing Managed Services



Supporting the Business Case



Concluding Next Steps



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# The Status Quo

Infrequent  
Testing

Only  
Critical  
Systems

High Cost  
Man-  
Hours

Report  
Lead  
Time

Evaluate  
& Mitigate

## Challenges in Network Security

### Challenges in Network Security

#### Understanding Your Security Risk

Pillars of network  
security

Security is relative  
not absolute

The shift in  
security threats



### Challenges in Network Security

#### Protecting Business Assets

Measures of the past  
need to meet the needs  
of the future

Increasingly pervasive  
network connectivity

Information Gathering





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## Challenges in Network Security

### Your Security Team

Relevant and up-to-date experience

Heavy up-keep with evolving threats

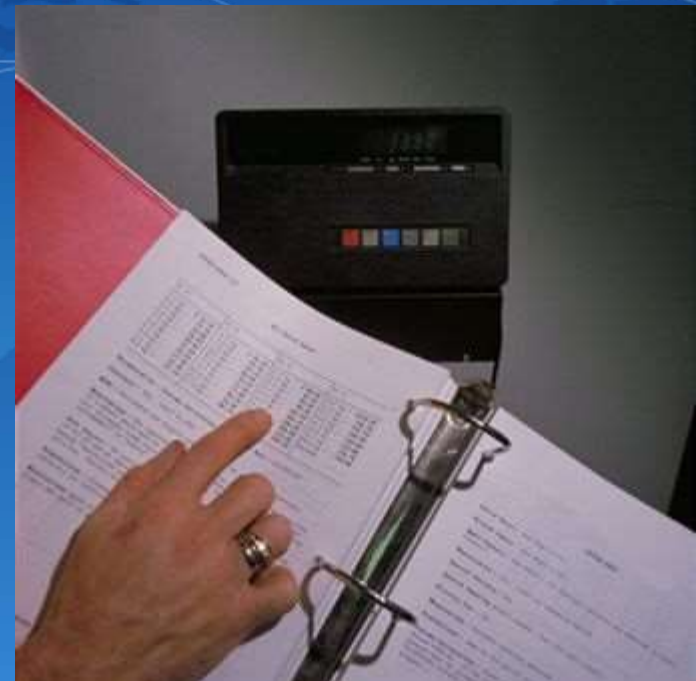


### Challenges in Network Security

#### Regulatory Compliance

Ever expanding list of  
policies and  
standards

Demonstrate your  
compliance to  
regulatory authorities







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# Introducing Managed Services

*Cyber  
Attacks -  
What if...?*

*Hackers  
use tools –  
We can too*

Automated  
solutions?  
- Sure but  
can they...



### *Cyber Attacks - What If...?*

Reduce the  
convenience of  
opportunity

Shift the risk  
away from the  
business





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*Hackers use tools –  
We can too*

Highly automated  
attacks

Timely results with  
automated tools



Automated solutions?  
- Sure but can they:

Provide accurate and  
complete results

Deliver meaningful  
information to business

Provide a means of  
measuring performance





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# Supporting the Business Case

Accurate &  
Complete

Meaningful  
Information

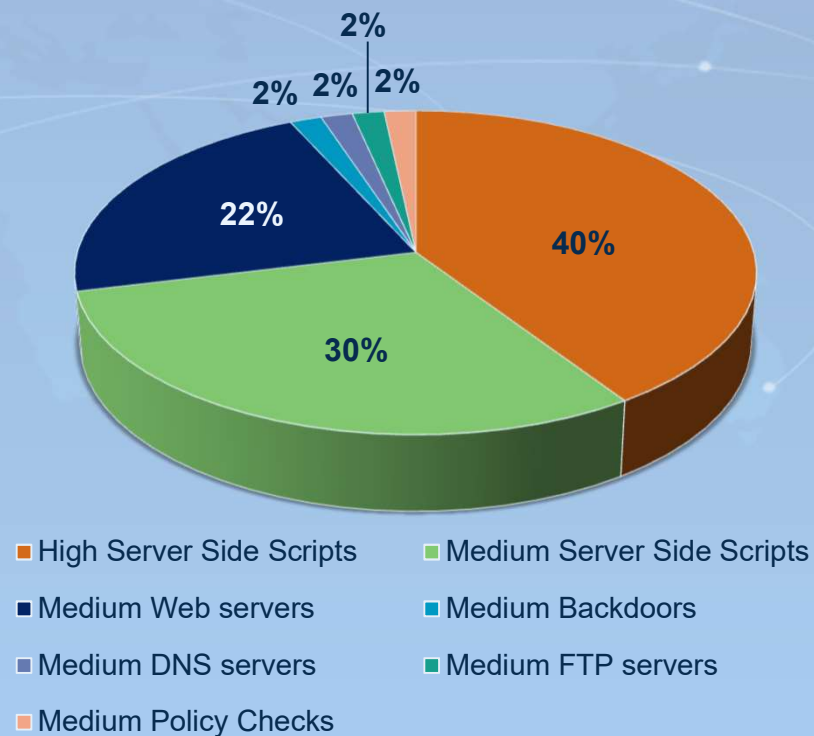
Performance  
Measurement

Accurate & Complete  
Information

Types of  
Vulnerabilities

High Resolution  
Results

Vuln Type Frequency





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## Security as a Managed Service

### Meaningful Information for Business

Replicable report  
formats

Timely Results  
with Automation

Continuous  
Security Updates



### Performance Measurement

Guidance and  
Procedures

Independent  
Analysis

Review  
Documentation







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Take The Next Step

Managed Services Enable:

Education

Detection

Action

Reporting



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## Take The Next Step

Assist achieving business goals:

Reducing  
overheads

Evolving  
Knowledge

Shifting Risk

Enabling  
Action

Providing  
Measurement

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A stylized world map in a medium blue shade, centered on the Atlantic Ocean. Overlaid on the map are several thin, light blue curved lines that connect various points across the continents, suggesting a global network or communication system. The word "Questions" is written in a bright green, sans-serif font, centered over the map.

## Questions