

Session E32 – Minimizing Operational Risks Associated with IT Security Breaches

By Arthur Coleman

Topic Summary

Today, most organizations are approaching security from a vulnerability/threat/response perspective. That is, they worry about compiling a series of interrelated activities and technologies such as locking down configurations, installing intrusion detection systems, firewalls, anti-virus software, and other technology to minimize the likelihood of a security breach.

However, more and more companies are beginning to look at the issue of IT security from a more holistic perspective. They are beginning to ask and trying to answer the question: what is the actual risk associated with a specific vulnerability? How much will a failure cost us? How should we prioritize the remediation efforts where we spend our limited budget?

The purpose of this presentation is to provide an overview of the work currently going on in IT & risks analysis and to provide a relatively simple, quantifiable methodology for evaluating operational risks associated with a given IT network configuration.