



## This Month's Meeting

# Protecting Your Network for Internet Access

**A**s organizations find that they must "do business" over the Internet they also find that they must struggle with Internet-related security issues. This presentation will examine the Internet environment from a security point of view, clarify some terminology and jargon, and establish a balanced view of the network security spectrum. We will also develop a framework for evaluating your goals within that spectrum and defining steps toward a solid security policy. *Pre-Dinner Program (4:00 - 5:30)*

# From Internet to E-Commerce: How Business, Education & Government Will Evolve a 21<sup>st</sup> Century Network

**W**hat are the major initiatives — technological, commercial, academic and governmental — that will combine to shape the global internetwork that will carry us all into the 21<sup>st</sup> Century? How should we in Wisconsin track these changes and convert them into improved learning, governing and commerce? What assets do we have now that will help us? Our presenter will provide his analysis and offer predictions on where all this is headed. *After-Dinner Program (7:00 - 7:45)*

## About the Speakers:

**Craig Anderson** - Mr. Anderson is a senior consultant with the Madison office of Grant Thornton's Management Consulting practice. He has 19 years of experience implementing computer technology in a variety of manufacturing and IT environments. Mr. Anderson's experience includes Internet technologies, corporate Intranets, business process re-engineering, document management systems, decision support systems, networking (at both enterprise and manufacturing cell levels) and factory automation. He has experience in the petrochemical, specialty chemical and industrial control industries as well as with state government.

**Shaun Abshere** - Mr. Abshere is Assistant Director at WiscNet, a nonprofit association that provides Internet access, video conferencing and other services via its statewide network to more than 400 Wisconsin schools, libraries, colleges, universities and governments. Before his service with WiscNet, Abshere managed a statewide computer and networking services for University of Wisconsin - Extension that served all 72 counties.

## Meeting Details

**When:** Monday, Jan. 11  
3:30AM Registration  
4:00PM Pre-Dinner  
5:30PM Session Ends  
6:00PM Dinner  
7:00PM After-Dinner  
7:45PM Session Ends

**Where:** Klemmer's Banquet Hall  
10401 W. Oklahoma Ave.  
West Allis, Wisconsin

**Cost:** \$20 Chapter Members  
\$25 Nonmember

### For Reservations Contact:

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*When registering, indicate your name, company name, and member/nonmember status. Reservations must be received by 12:00PM Friday, Jan. 8. No cancellations will be accepted after the reservation deadline.*

**No shows will be billed!**

**KETTLE MORAINÉ CHAPTER OF ISACA  
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*Last Month's Meeting*

Ruth Page Jones of Athena Consulting presented a well received session on "Today's Security Tools: Using the Right Tool for the Job." Today's landscape of Client/Server distributed data and Network connectivity increases vulnerabilities and creates new risks. Some of these new risks involve:

- Who has access to YOUR network?
- Who has access to THEIR networks?
- Data is anywhere and everywhere, who has access to your data?

Computer crimes and computer related or facilitated crimes are increasing at an alarming rate. Such crimes include network intrusions, to alter, steal, or destroy information or to disable systems. Ruth presented several slides on the cost of computer crime and types of attacks. (See "Annual Cost of Computer Crime Rise Alarming, Organizations Report \$136 Million in Losses" in April 1998's *ByteLine*.)

To control these computer security risks you should have a security design. There are many steps to take in accessing security and planning a strategy. Some of these steps involve:

- inventory your environment
- identify and rank threats and vulnerabilities
- evaluate the risk
- identify the solutions available
- determining the cost/benefit of the solutions
- develop a strategic plan

Ruth also covered building a security program, how to improve the security process, applying technology solutions, authentication methods, encryption, network security, firewalls, virtual private networks, virus protection, and intrusion detection systems.

The Chapter thanks Ruth Page Jones for doing this presentation. Ruth can be reached at (414)521-2788 or by e-mail at [rpjones@execpc.com](mailto:rpjones@execpc.com).

- submitted by Roger Naegeli (414)347-2689

## Research Board Update

The companion piece to the *Executive's Guide to the Year 2000*, called *Year 2000 Management Assessment Guide*, is available for purchase through the ISACA Bookstore. The assessment guide, through a series of checklists and questions, will assist those responsible for Year 2000 assurance efforts. This publication is co-badged with the Canadian Institute of Chartered Accountants (CICA) as will the next publication, which addresses continuity planning in Year 2000.

**Important Notice to ISACA Members:****Complimentary- Web Briefing on Intrusion Detection**

ISACA is pleased to offer its members access to a web briefing on the topic of intrusion detection. As a benefit of ISACA membership, you are authorized to participate in this web audio conference for free.

**Date:** January 14, 1999

**Time:** 1800 GMT, 1:00 PM Eastern Standard Time. The duration of the conference is approximately one hour. (Note: if you cannot participate in the web briefing at that time, it will be archived within two hours. You may access the archived version for up to six months after the presentation.)

**Title:** What Hackers Know About Your Site, Part 11: Emerging Patterns in Intrusion Detection

**Description and Speakers:** More sophisticated, stealthy hacker attacks are being detected and may be harbingers of a new breed of professional, multinational, coordinated attacks. Stephen Northcutt, widely regarded as the nation's top intrusion detection expert and the person whose team discovered the recent multinational attack reported by CNN and ABC, will describe the characteristics of this new attack pattern as well as those of the most common attack patterns. The goal is to illustrate how to recognize an attack coming over the network.

In addition, Axent's Intrusion Detection Expert, Drew Williams, will describe the most common attacks users are uncovering through host-based intrusion detection technology.

An audio conference combines graphics and audio, delivered via the Internet. You will hear the presenters speaking in real time, and you can view their graphics on the screen as the presentation progresses. You can also participate by e-mailing questions that may be selected to be answered during the briefing.

**Equipment:** In order to participate in the web briefing, either in real time or the archived version, you will need a system with a browser that can process Real Audio or Microsoft Windows Media Streaming audio. If you wish to ask questions, you must also have an e-mail account from which to send them.

**Access:** You may register for the web briefing at [www.sans.org/jan14.htm](http://www.sans.org/jan14.htm). When you register, you will immediately receive a white paper on intrusion detection along with the URL, user name and password for the session. About two days before the session you will get the visuals as an e-mail attachment, which you may print in advance if you prefer to have a hard copy while you listen to the remarks. The graphics will also be available on your screen during the presentation.

**Sponsors:** The SANS Institute, Axent

We regret that the timing of the invitation from SANS Institute precluded our getting this printed notice to you earlier. We hope you received one of our e-mails on the topic, or were advised of the briefing by your chapter president. Please remember that even if you miss the January 14 presentation, you may still access the archived version for up to six months after the briefing.

This web briefing is another way ISACA is working to achieve its vision of recognized global leadership in IT governance, control and assurance. We hope you will enjoy and benefit from the presentation. Please let us know how you liked it so we will know whether to pursue such opportunities for member in the future; phone your feedback to +1.847.590.7453; fax it to +1.847.253.1443 (attention Marketing Department); or e-mail it to [marketing@isaca.org](mailto:marketing@isaca.org). Thank you for your continued support of ISACA.

The views and opinions contained in this newsletter are solely those of its author, and do not necessarily represent or reflect the views or opinions of the Kettle Moraine Chapter of ISACA. In the event you have any questions concerning this newsletter, you may wish to contact the author directly.

# Event Calendar

## ISACA Kettle Moraine Chapter

September 9, 1998	Audit, Security and Control of UNIX	Patrick Hynes, Ernst & Young
October 14, 1998	What makes a Successful Disaster Recovery Plan?	Mr. Daniels, M&I Data Services
November 11, 1998	eCommerce / CISA Recognition Lunch	Ernst & Young
December 9, 1998	Today's Security Technologies: Using the Right Tool	Ruth Page Jones, Athena Consulting
January 11, 1999	Protecting Your Network for Internet Access and From Internet to E-Commerce: How Business, Education & Government Will Evolve a 21st Century Network - Joint meeting with WASM	Craig Anderson, Grant Thornton LLP Shaun Abshere, WiscNet
February 10, 1999	COBIT	
March 10, 1999	(To Be Announced)	
April 14, 1999	Seminar: Control and Security of the Internet	Can Audit
May 12, 1999	(To Be Announced)	
September 8, 1999	(To Be Announced)	

## 1998 - 1999 ISACA Dates

May 4-7, 1999	CACS	Orlando, Florida
June 12, 1999	CISA Exam	Various Locations
July 11-14, 1999	The International Conference	Denver, Colorado

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