



North Central Florida Chapter

November 2002

Web Application Security - Keeping your Company Out of the News

presented by Joe Klein, Sr. Security Consultant, Network Security Associates Inc., and President, INFRAGARD (Jacksonville, FL)

Next Meeting: Tuesday, November 19

Everyday, for the last 8 years, the media has reported stories of “how web-based applications can save or made companies money”. Unfortunately, the same news media has increasingly reported on how company’s web-based applications have been attacked. Reports of the disclosure of patient records, customer’s information and credit cards posted on the Internet are becoming more common.



For each story reporting a successful web-based applications attack, there are hundred’s of companies whose stories never reach the press. Even worse, studies are now showing 95% of companies have been attacked in the last 12 months, but only 5% were aware that they were attacked.

This presentation is focused on the security of web-based applications. This one hour, high-level overview will cover:

- stories of companies which have been attacked
- the architecture of web-based applications
- the top security problems with web-based applications
- why some security tools such as firewalls and Intrusion Detection Systems (IDS) do not protect against web attacks
- suggestions and ideas on how you can make your web-based applications less vulnerable to attack

In other words, this presentation will show you how to keep your company out of the news.
—continued on page 3—

Our chapter is the winner of the Year 2001 Region Outstanding Chapter Award!

Inside this issue:	
Chapter Officers	2
SFCC Tour	3
Local News and Happenings	4
Member Spotlight— John Tucker	5
Board Meeting	6
Calendar/Programs	7



November Meeting Reminder

When:	TUESDAY, November 19, 2002	Cost:	Members.....\$17.00 Non-Members.....\$ 20.00 Presentation Only (no dinner).....\$10.00 AITP national student members .. \$8.00 (includes dinner)
Time:	5:30-6:30 p.m. (Social Hour) 6:30-7:30 p.m. (Dinner) 7:30-8:30 p.m. (Program)	Menu (your choice):	- Grilled Chicken w/mustard sauce - Sliced Roast Beef - Orange Roughy with Ginger Lime Sauce - Pasta with Plum Tomato Basil Sauce <i>Dinners include: Tossed garden salad, vegetable, starch, rolls and butter, dessert, coffee, iced tea and water.</i>
Where:	Sheraton Hotel 2900 SW 13th St. Gainesville, FL 32608 377-4000		

BE SURE TO MAKE YOUR RESERVATIONS BY FRIDAY, NOVEMBER 15, 2002 12:00 NOON

Email your reservations to:
Steve Flowers
sflowers@scantec.com

No shows will be billed.

2002 OFFICERS	
President	Tom Gumber 473-8000 ext. 224 tgumber@clayelectric.com
Vice President	Casey Collins 335-4000 CCollins@citycollege.edu
Secretary	Marcia Greenberg 338-7305 mgreenbe@co.alachua.fl.us
Treasurer	Jean Harris 392-1285 ext. 420 jharris3@ufl.edu
Chapter Liaison	Steve Flowers 332-2093 ext. 14 sflowers@scantec.com
Past President	Sharon Miller 332-2871 train@gru.net

2002 COMMITTEE CHAIRS	
Programs	Sharon Miller 332-2871 train@gru.net
Membership	Steve Flowers, 332-2093 x 14 sflowers@scantec.com
Newsletter	Sharon Miller 332-2871 train@gru.net
IPA Awards	Jim Hagans jhagans@rmscomm.com
COPA	Liz Thomas ethomas@co.alachua.fl.us
Education	Open <i>(setting up tours of companies)</i>
Reservations & Accomodations	Tom Gumber 473-8000 ext. 224 tgumber@clayelectric.com
Web Site	Michael Lucus 265-0680 ext. 85824 michael@lucas-photo.com
UF Student Chapter Advisor	Pat Thompson, 392-9731 pthomp@notes.cba.ufl.edu Interim—Dr. Teets
Student Chapter Coordinator	John Tucker 337-2140 john.tucker@cox.com
Bylaws	Tom Gumber tgumber@clayelectric.com Damon Allen dallen@allen-network-tech.com
Chair Nominating Committee	Tom Gumber 473-8000 ext. 224 tgumber@clayelectric.com
Auditing	Marshall Donaldson 334-3400 ext. 1315 Donaldsonm1@gru.com

2003 Officers

We will be voting on the Slate of 2002 Officers at the November meeting.

President — *John Tucker*

Vice President—*Michael Lucus*

Secretary—*Damon Allen*

Treasurer—*Jean Clark*

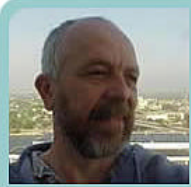
Chapter Liaison—*Steve Flowers*

Past President—*Tom Gumber*

Director—*Pat Thompson*

The Search Committee thanks these members for stepping forward and volunteering your time to the local chapter!

The Grand SFCC IT Tour



Wes Lindberg

Thank you all for coming out to the SFCC ITE tour on Tuesday, Nov. 5th! A big thanks to Wesley Ray Lindberg II, Assistant Professor ITE, CyberSaints-AITP Advisor, Santa Fe Community College for taking us on the grand tour! I must say SFCC has come a long way and has excellent computer and graphic design degrees, state-of-the art facilities and even a computer repair store where you can take your computer in to get

worked on (cheap).

Although we had just a hand full show up for the tour (due to election day), guests were from GRU, Cox Communication, Clay Electric and Staff Training Solutions were very impressed and excited about the tour. Afterwards they headed to their monthly board meeting and were already boast SFCC's ITE programs and facilities to the other AITP members. We'll plan a tour again in spring for all of those who missed out. See the SFCC CyberSaints website at www.cybersaints.org



Graphics design program and admiring the new Apple computers.

Keeping Your Company Out of the News continued from page 1

Who Should Attend:

- Software & Web Developers who create and maintain web-based applications.
- Software QA specialists who audit and ensure the viability of web-based applications.
- Managers of Software Development whose groups are responsible for web applications.
- Security Staff who have web applications on the internet, or inside their organization.
- Chief Information Officers who manage groups which develop, deploy or provide operational support for web applications
- Chief Security Officers who are responsible for securing web applications
- Chief Financial Officers whose companies rely on web-based financial applications

Who Should NOT Attend:

- Individuals who think it's ok that their organizations security problems are featured on the local news or CNN.
- Individuals who believe there will be no impact on the organization if customer, patent, vendor, salaries or financial records are released, on the Internet.
- Individuals who feel they can't be held responsible or accountable for the security of your web applications and data.
- Anyone who doesn't use a computer or the Internet.

What You Will Learn:

- Companies who have had their web-based applications hacked
- The top security problems with Web-based applications
- A High level view of how web-based applications work
- The Utility of your Firewalls & Intrusion Detection Systems (IDS)
- Attacks which your Firewalls and IDS cannot prevent
- How the use of SSL does not protect your web applications
- Steps to protect your web-based applications

About the speaker:

A Jacksonville resident, Joe Klein, has over 15 years experience in security. He holds a CISSP from ISC² and the IAM from the NSA. Currently Mr. Klein is the Sr. Security Consultant, Network Security Associates Inc., President, INFRAGARD, Jacksonville Chapter and Adjunct Professor of Computer Security, Florida Community Collage of Jacksonville (FCCJ). In his spare time, he enjoys rock climbing, camping, and playing golf.



Local: News and Happenings

Chamber of Commerce

A great benefit of being an AITP member is that you are also a member of the local Chamber of Commerce (thanks to Scan Technology sponsoring the North Central Florida chapter and UF Student chapter). As a member of the Chamber, you can attend any chamber function or activity! Here are some great networking opportunities: In partnership with the Center for Business at Santa Fe Community College, the Chamber offers business workshops and seminars.



Chamber Academy

ACHIEVE GLOBAL: The Leader in Each of Us. See how barriers can prevent organizations from responding and adapting to business realities, then explore five critical leadership strategies with an Achieve Global certified instructor to be a more effective leader and achieve results.

- ? Create a compelling future
- ? Let the customer drive the organization
- ? Involve every mind
- ? Manage work horizontally
- ? Build personal credibility

Where: Alliances Offices, 300 E. University Ave. Suite 100, Gainesville, FL 32601—395-5896.

Member cost: \$99; Call Lisa Gagne to register at 352/395-5896.

November Chamber After Hours

When: Thursday, November 21, 2002

5:30-7:00 pm

Location: Sheraton
2900 SW 13th Street
Gainesville, FL

Phone: (352) 334-7100

Fax: (352) 334-7141

Cost: \$5.00 for Members

Join us at **the Sheraton** for food, fun and a great networking opportunity. Cost is \$5.00 for Members, \$20.00 for Future Members. **You can visit www.gainesvillechamber.com for more info.**

Association: Region 7 News

AITP 8th Annual National Collegiate Conference

March 27-29, 2003

What do you get when you add 700+ students & faculty, keynote speakers, programming contests, breakout sessions, 90+ colleges & universities, and West Lafayette, IN? You get the 8th Annual AITP National Collegiate Conference at Purdue

University. See <http://aitp.tech.purdue.edu/NCC>



Member Spotlight—John Tucker

Written by Steve Flowers

If you want to keep up with John Elliot Tucker, you'd better think and move fast. His monogram – JET – is an apt reflection of his energy, drive, and desire for success.

The Manager of Broadband Engineering for Cox Communications in Gainesville, John craves change, enjoys challenge, and lives to learn.

John's love of activity and academics may result in part from his upbringing. The son of Roselie and Elliot Tucker, educators who taught in military schools, John was born in 1965 in Hahn, a town on the Rhine River in Germany.

"I was used to moving and changing environments," he says, and that after a year or two in one place, "things were getting old."

He lived in Japan, France, Turkey, and the Philippines, where he graduated from high school. He has lived in four different cities in the past 10 years.

John has been interested in computers since he was a child and in 6th grade wrote a COBOL program on punch cards for a library tracking system. "I enjoy learning, I'm good at it," he claims. "I always was attracted to hard topics. I wanted to do the hardest subjects."

His desire led him to the University of California, Irvine, where he earned a Bachelor of Science degree in Physics. John moved on, to the University of Arizona in Tucson, where he received a Masters of Science in Mathematics.

While studying for a Ph.D. in Math at Oregon State in Corvallis, John met his future wife Sherry, who was pursuing a Master's in Economics. Sherry currently is an Assistant Professor in Food and Resource Economics at IFAS at the University of Florida.

It was during this period that John realized that he dreaded doing mathematics research but enjoyed computer work much more. During a conference in Boston one day, "I distinctly remember seeing my colleagues as super geeks and non-people persons...I couldn't see spending my life like that, it wasn't me, and I didn't want to aspire to a (math) degree anymore."

He reached an epiphany one day when shopping in an Oregon mall with Sherry and when she went to Ann Taylor to shop, he realized a math professor would "always be dirt poor." "I'm quitting tomorrow," he told his future wife, and "I never looked back."

From 1993-1997, John had a variety of jobs in Information Technology where he worked with LAN and Network Management in a Unix shop and "dabbled in Web Design" as a sole proprietor of his company.

In 1997, John's wife began work at UF, and he followed, capturing a position at the UF Health Science Center's Institute for Child Health Policy, where he remained for two years. The job was "not challenging" enough, and John found a new job in the Personnel Dept. at UF. He found himself in a "more visible" career and become involved in the campus I.T. infrastructure for two years in LAN Administration and programming an Access database.

Realizing he need to know more about Web applications, he outsourced "three-fourths" of what I'd been hired to do and began learning other languages, including JAVA. He eventually became a self-taught SUN Certified Programmer for JAVA 2 platforms. Asked to train others, John carried on until he realized "it wasn't my gig."

Through a friend, John heard about an opportunity at Cox to "join the broadband revolution." He moved there in 2000, starting as a Data Engineer and working with Cisco Systems, Unix Administration and light programming. The next year, the Broadband Engineering Group was formed, joining Data and Cable operations, and John began cross-functional training.

Another big change arrived at about that time when John and Sherry were blessed with their first child, Ethan, now two years old. "It's amazing how a child can change your perspective," John says with a smile.

More normal working hours have resulted, and although John proclaims he is not risk averse, "I'm sort of on cruise control in my family life right now."

Still, John is serving in AITP currently as Student Chapter Coordinator, handling both UF and Santa Fe Community College relationships. In addition, he is running for AITP Chapter President in 2003, with elections scheduled for the November 19 meeting.

When possible, John and Sherry enjoy golf, tennis, scuba diving, and travel. Last summer, they traveled to a conference in New Zealand and went skiing.

John frequently thinks about the future and has entertained dreams of forming his own business again "where I can be wildly successful in a small company that does very well." It's safe to say that John Tucker will always be moving forward. "I like staying edgy. I don't want to plod along and take the safe road."



Board Meeting Minutes—October 2002

AITP Board Meeting

AITP Board Meeting

October 1, 2002

Board Meeting Location : Northwest Grille Restaurant, Gainesville, FL

Present: Tom Gumber, Sharon Miller, Steve Flowers, Jean Harris, Phoebe Bowers, John Tucker. Liz Thomas dropped by briefly during the meeting.

Tom Gumber called the meeting to order at 7:30 p.m. following the tour of Cox Communications.

The Board unanimously approved the Minutes of the September Board meeting.

Jean Harris presented her Treasurer's Report. She said she had revised this year's Treasurer's reports from January 2002 forward due to a mathematics error made in January. The revision became necessary as the result of a mistake made by the Sheraton Hotel staff involving billing for a June 2000 dinner meeting that had been misapplied to our June 2002 meeting. The error has been resolved in our favor. Jean reported that the bank statement did not reflect the bill from the September dinner meeting.

Tom stated that the Sheraton had tried to bill us \$65 for an Internet connection for the last speaker but that he had negotiated a \$45 reduction to \$20. However, future cost of the connection will be \$65.

There was discussion regarding the fact that membership renewal reports that used to accompany checks from headquarters no longer come attached. Six persons renewed in June.

Sharon reported that our previous speaker, Tom Meek, had requested \$40 for his costs for renting speakers. Sharon will ask Tom for a copy of his receipt so that we can document the cost for our financial records.

The Board voted to approve the Treasurer's report.

Jean also indicated she would follow up with Marshall Donaldson regarding the status of his Audit Committee Report.

Sharon reported that the Nominations Committee needed to meet to fill the positions of President and Director. The Board suggested several names and Sharon indicated that she would approach those persons to determine their willingness and ability to serve the chapter.

Sharon also stated that Michael Lucas had expressed interest in maintaining the chapter Web site.

John Tucker said that the Santa Fe Community College Cyber Saints reportedly had applied to become an official AITP Student Chapter. He said SFCC members said dues funds were forwarded

to Headquarters for that purpose.

He also said that the University of Florida Student Chapter September mixer had been a success.

There was discussion regarding student membership renewals, dues payments, and professional membership status. Neither Jean Harris nor John Tucker had received renewal notices that were past due. Steve said he would follow up and report to the Board in November.

Sharon said she does not wish to continue to serve as Chair of the Program Committee and asked for someone else to take over. In addition, she would like to have assistance in producing programs for November and December. Computer security, PDAs, and other electronic gadgets were suggested topics. Sharon said she had scheduled a presentation by Jody Gentry of UF's Training and Development Department for our December meeting.

John Tucker indicated that he would try to interest the student chapters in participating in a Joint Meeting with our chapter in November.

There was discussion about the future form of the Chapter Newsletter. Sharon indicated she would like to find someone to take over production and asked whether it could be done on the Web site, rather than in a PDF file as it is now. Michael Lucas may handle Newsletter duties next year.

Jean said she would look into getting another Post Office Box key.

John Tucker proposed a tour of Santa Fe Community College's Information Technology operations to precede the November board meeting and John said he would try to arrange one. Other tour locations suggested were the Gainesville Public Library, the Gainesville Airport, and the Alachua County Election Office.

The Board adjourned at 9 p.m.

Respectfully submitted,
Steve Flowers
Acting Secretary
(For Marcia Greenberg)

AITP

34 Members
and
growing!

North Central Florida Chapter

PO Box 12375
Gainesville, FL 32604
www.afn.org/~aitp/

University of Florida AITP Student Chapter

<http://aitp.cba.ufl.edu/>
President: Amy Kolodziej,

Santa Fe Community College AITP Cyber Saints

www.cybersaints.org

National AITP
www.aitp.org

Vision

AITP is the Information Technology professional organization of choice for providing leadership opportunities, professional development and personal growth.

Mission Statement

AITP offers opportunities for Information Technology (IT) leadership and education through partnerships with industry, government and academia. AITP provides quality IT related education, information on relevant IT issues and forums for networking with experienced peers and other IT professionals



**EASY WAYS TO GET INVOLVED
WITH YOUR LOCAL CHAPTER—
NO EXPERIENCE NECESSARY**

1. Newsletter
2. Programs
3. Education (tours)

We have openings in the areas above. If you can help in these areas, please contact Sharon at train@gru.net or Tom Gumber at tgumber@clayelectric.com

Calendar/Program

Next Board Meeting

Tuesday, December 5, 2002, 6:00 pm

Dinner provided by Scan Technology. All future and current board members should attend.

2002 Dinner Meeting Dates



**Tuesday, December 17—
Holiday Social**

Speaker, Jody Gentry, University of Florida, Training & Development



2003 Dinner Meeting Dates

Tuesday, January 27th

Tuesday, February 25

Tuesday, March 25

Tuesday, April 22

Tuesday, May 27

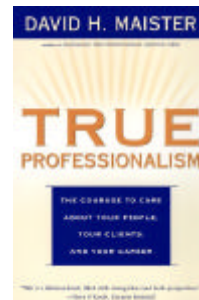
Tuesday, June 24

Any suggestions or if you know of a good speaker, email Sharon Miller.

2003 Directory Underway

We are putting together the 2003 AITP Chapter and we need updated photos and information (if it has changed). Email them to Sharon at train@gru.net by December 15th. Thanks!

Good Read



At the STUCON15, the Region 7 student conference this past weekend, several presenters mentioned this book is a good read. The book is called "True Professionalism: The Courage to Care About Your People, Your Clients, and Your Career" by David H. Maister is a highly recommended read and you can order it from Amazon.com.