

Pat McGregor, CISSP

3180 Granada Drive
Cameron Park, CA 95682-9114
pat@hayseed.net
530-672-8877 (home)
916-718-1982 (cell)

Senior Information Security, Privacy, & Risk Manager

Experience and Qualification Summary:

- Extensive experience working as Chief Information Security Architect within a large, global enterprise
- Leadership developing corporate security goals and principles, garnering enthusiasm for those goals, and leading teams to develop compliance standards and procedures for those goals
- Strategic vision for architecting and delivering enterprise-wide security solutions, including enterprise-wide user identity management; encryption tools and technologies; and intrusion detection systems
- Key role in creating incident management assessment, team development, and process management
- Strategist for short term tactics and long term business environment and security technology development; exceptional researcher and analyst with ability to clearly present information
- Extensive experience working with global government affairs and legal departments, especially in analyzing potential regulatory impact on the corporation
- Responsible for IT governance and risk mitigation
- Enthusiasm for corporate awareness and individual contributor responsibility for security and risk management, including driving major security policy roll-outs, awareness, implementation and assurance programs
- Co-author of five well-received, general audience books on the Internet and personal Privacy issues.
- CISSP certified

Leadership Qualities:

- Proven communications skills with the ability to articulate complex IT concepts and issues in a business context and to a wide and varied audience
- Highly professional, enjoys working in challenging, diverse and evolving environments
- Strong sense of ownership and accountability
- Excellent external network of security, privacy, and BC/DM practitioners.
- Clear and informed practical understanding of security threats and vulnerabilities relating to large organizations
- Acknowledged team manager, can build and encourage high performing teams, manage global and virtual teams on a daily basis
- Good stakeholder management skills with the ability to quickly build and develop networks and relationships with internal contacts.

Detailed experience and employment record, selected publication list follows.

Employment Experience

- **Information Security & Privacy Consultant**

March 2005 – present

Private consultant, advising local businesses on Security architectures and Business Continuity plans. Working on a general interest book to assist families in developing emergency response and disaster recovery plans for themselves.

- **Editorial Board member, [Berglund Center for Internet Studies](#) at Pacific University**

January 2003 – present

As a member of the editorial board, research and write articles on the topic of security and privacy, especially as related to impact on individuals. Articles appear in *Interface on the Internet*, an electronic journal. The Berglund Center facilitates both theoretical discussion and practical action relating to the impact of the Internet upon individuals and their communities worldwide. We are interested in the effects of the Internet on the ways we work, communicate, teach, and learn.

- **Continuous Employment with [Intel Corporation](#), Information Technology Division, May 1995 to March 2005**

Senior Security Specialist in Risk Management

April 2003 to March 2005

Planned and executed audits against Information Security and Document Control policy across the enterprise as a preliminary step for Sarbanes-Oxley compliance. With Intel Finance, created an IT Corporate Risk Assessment tool to enable us to measure qualitatively risk and mitigation for specific assets managed by IT or residing on IT infrastructure. Continued developing a qualitative tool for specific assets in order to use these two tools in tandem for budget and priority planning.

Worked on governance and regulatory compliance issues with Intel Legal and Government Affairs. Topics included Sarbanes-Oxley, CoBIT, BSA framework, California, Arizona, and Utah privacy legislation, EU privacy and regulatory issues, Chinese WIFI standards, and developing legislation in both the US legislature and individual states. Created a communication plan to distribute information regarding these issues and impacts to the IT organization, and to solicit feedback from our infrastructure and data engineers on potential impacts.

Chief Information Security Architect

February 2001 to April 2003

Led the development of Corporate Information Security Principles and the long-term information security strategy in all areas of Information Technology, including external connectivity, protection of internal networks, desktop and server protection, host, network, and WAN intrusion detection, authentication and authorization, VPN and personal usage of the Internet. Supervised the work of architects developing reference architectures for specific infrastructure solutions.

Represented Intel globally, including testimony before Congressional committees concerning the Child Online Protection Act, eBusiness security strategies for the first EU eCommerce Conference in Amsterdam, post-9/11 corporate readiness and Business Continuity/Disaster Recovery planning at the World Information Services and Technology Association Board of Governors' meeting in Adelaide, Australia. Worked closely on governance and regulatory issues with Intel's Government Affairs group. Drafted Intel's response to the Department of Homeland Security's Draft Cybersecurity Strategy, and the first, second, and third responses to the TechNet governance and security self-assessment.

Corporate Privacy Management team

January 2000 to February 2001

Used advocacy and Internet ISP contacts to help negotiate a mutually acceptable solution to the Intel Processor Serial Number conflict. Afterward, sat on the corporate Privacy Review Board that oversaw both Intel product development and IT infrastructure installation, created corporate privacy policies, developed multi-level training on privacy issues. Directed a team to classify HR data items into corporate data classification levels to comply with global and national privacy regulation.

Information Security Architect

August 1996 to February 2001

Technology capabilities manager and consultant for Intel's internal Information Security department, providing project management and policy setting for specific technology areas within the company.

Security Product Manufacturing Facility Program Manager

February 1998 — January 2000

Led the Information Technology program to specify, design, install, and operate secure manufacturing facilities in several countries around the world. Included were military-appropriate security policies, physical and electronic security infrastructure. Managed a team of 25-30 engineers and content specialists throughout the 18-month lifetime of the project. When the project funding was axed, created a secure archive of architecture, processes, procedures, and research so that the effort put forth by the team would continue to be of value to the corporation. Re-purposed one facility into a Protected Signing Facility for issuance of digital certificates, and another into a Protected Design Facility where code could be developed in a clean-room environment.

Researched company requirements for digital certificates in all aspects of Intel's business processes, including manufacturing, purchasing, authentication and authorization, and e-commerce. Led a team of engineers evaluating various Certificate Authority products. Led a cross-division team to develop and ratify a Certificate Policy and Practices Statement for the implementation of digital certificates across the company. Managed a team of engineers to conduct trials of server certificates, personal and file system encryption, and secure e-mail.

Firewall Systems Product Manager (1996 — 1998):

Led a team standardizing Intel's firewall and proxy architecture, upgrade all Internet and inter-company firewalls to that standard, coordinate firewall and gateway activities within the company, and create processes for adding new technologies to our firewall systems.

Led a cross-company team to install a firewall between Intel and our campuses and factories in those countries that are designated as "Controlled" by the [US government](#) for the purposes of restricting technology transfer: required knowledge of manufacturing processes, [US law](#), encryption, and firewall technology. Consulted for the Internet Core Team and the Controlled Country Task Force on appropriate technologies (SSL, secure passwords, proxying) to prevent inappropriate exposure of Intel's intellectual property. Researched and wrote policies and procedures for appropriate use of firewalls, web publishing, and other Internet-based activities. When the division reorganized, the project management portion of this position went to another department.

Internet Consultant[Analysts International, Inc.](#)

May 1995 to August 1996

On long-term assignment with Intel Corporation, major project was content expert and program management in the conversion of Intel's Banyan and Novell networks to an IP-based Intranet. Benchmarked how Fortune 500 companies use Internet technology internally (Intranets); created 5-year strategy for remote access, and authored system administration documentation for Firewall Administration, Cisco router management, cc:Mail upgrade and conversion project.

Senior Technical Writer and Production Coordinator

[Cygnus Support](#), Mountain View, CA.

October 1993 to November 1994

Planned and supported release of documents and software media, working closely with test engineers and vendors of printing and media duplication. Left to be able to provide full-time care for my terminally ill father.

- **Continuous Employment with Merit Network/University of Michigan**, July 1985 to September 1993

Sr. Computer Systems Consultant

Network Systems, [Information Technology Division](#)

April 1993 to September 1993

Provided advanced troubleshooting and planning on data networking. Led a cross-departmental SWAT team that solved a long-term problem with our telephone switch and 200+ modem bank. Led a team of five second-level consultants. Coordinated a team of 40 consultants in creating a new department.

Technical Support Specialist

[Merit Network, Inc.](#), and the University of Michigan, Ann Arbor, MI.

June 1985 to April 1993

Consulting and management tasks: Troubleshot network and user equipment failures, diagnosed software problems from user complaints and reports. Provided email postmaster services for 85,000+ users. Led project to upgrade our statewide network backbone and the resulting internet address changes at 13 member university sites. Coordinated user consultants at the Merit member universities. Supervised seven consultants. Worked closely with the NSFNet backbone team to troubleshoot network outages, create Internet user materials, develop the Merit Seminars on the Internet, and design a model for user support for the Internet.

The NSFNET backbone was the upgrade project from the ARPANET, and formed the basis for the modern Internet.

User Consultant

[Cooperative Extension](#) service

College of Agriculture and Natural Resources, Michigan State University

July 1984 to May 1985

Consulted on centralized UNIX system for 80+ county offices of the Cooperative Extension Service in Michigan. Wrote user documentation on the system editor, databases, and mail systems. Initiated the Agriculture Information Department's software development and distribution program. Supervised eight writer/consultants.

Education

BA in English and Journalism, 1979, Framingham State College, Framingham, Massachusetts

Selected External Publications

The Only Way Out is Through: Your Family's Plan for Surviving Disasters. A workbook for families to create a personalized plan for emergency situations during natural disasters such as floods, wildfires, and storms. (Work in Progress)

Regular Columnist, [Interface on the Internet: The Journal for Education, Community, and Values](#). The electronic journal of the Berglund Center for Internet Studies at Pacific University.

- [Calling for backup: even lawyers might need it](#). A narrative article on how non-technology companies need business continuity and disaster planning against both likely and catastrophic threats
<http://bcis.pacificu.edu/journal/2006/01/mcgregor.php>
- [Teen Surveillance: Is Privacy a Problem?](#) Op-Ed/Research article on potential issues with video surveillance of teens, especially if surveillance data is transmitted over the Internet. [Interface on the Internet: The Journal for Education, Community, and Values](#). The electronic journal of the Berglund Center for Internet Studies at Pacific University.
- [In Like a Lion, But Out Like a Lamb?](#) Op-Ed piece on connected data services and consumer privacy, [Interface on the Internet: The Journal for Education, Community, and Values](#). The electronic journal of the Berglund Center for Internet Studies at Pacific University.
<http://bcis.pacificu.edu/journal/2005/02/mcgregor.php>

January 2002, 2001

[Internet administration reform and security](#) (Basic Internet Administration; domain names reform; Internet governance, ICANN; State sovereignty; Regulation of Internet vs. freedom of expression; Cyberterrorism) Session for diplomats and staff on Internet issues. INTEL/ UNITAR Campus on New Information and Communication Technologies, United Nations Secretariat, New York, New York.
http://www.un.int/unitar/intel_nct_campus/2002/conference_programme.htm

December 2001

Co-author with Glee Harrah Cady, [Protect your Digital Privacy: Survival Skills for the Information Age](#), Que, Indianapolis IN, —General audience digital privacy and security book, intended to teach readers the dangers and remedies of the digital world. <http://www.design-bookshelf.com/Business/digitalprivacy.html>

October 2001

[Cyberterrorism: The Bloodless War?](#) A presentation for the World Information Services and Technology Association, board of governors, first presented in Adelaide, AU, and then at the Information Technology Association of America quarterly meeting, Virginia Technology Center.
<http://www.witsa.org/presentations/McGregor-CyberTerrorism.pdf>

June 2000

Statement before the [Commission on Online Child Protection](#), regarding effective technology to accurately identify children age 13 and under on the Internet. <http://www.copacommission.org/meetings/hearing1/mcgregor.test.pdf>

May 1996,

Co-author with [Glee Harrah Cady](#), [Mastering the Internet, 2nd Edition](#). Sybex Computer Books, 1100 pp. A well-received, fundamental work about the Internet and how to use it. *1st Edition*, published Feb 1995, nominated for Fordham University's 1995 Donald McGannon Policy Research Award, and used as evidence in the successful legal challenge to the Computer Defense Act. Translated into Greek, Polish, Mandarin, and Korean.

October 1995

Co-Author with Glee Harrah Cady, [Web Browsing with NETCOM Netcruiser](#). Prima Publications, 200 pp.

January 1995

Co-Author with Glee Harrah Cady, *Commercial User's Guide to the Internet*, Thompson Publications, chapters about basic tools, resources, business use of the net.

January 1986-May 1993

Edited the [*MichNet News*](#), a quarterly newsletter with a circulation of 25,000+. Supervised writers and graphic artists; initiated redesign panel and editorial policy board.

October 1990

["Averting One's Eyes: A Study of Ethics in Electronic Postmastering."](#) ACM SIGUCCS conference paper. This trial study of electronic postmaster ethics has been reprinted in 14 countries (Canada, England, Finland, Norway, France, Australia, Mexico, Japan, The Philippines, Germany, South Africa, Denmark, Venezuela, and Russia), and in seven languages (French, German, Japanese, Spanish, Danish, Norwegian, and Russian.)

This document was created with Win2PDF available at <http://www.win2pdf.com>.
The unregistered version of Win2PDF is for evaluation or non-commercial use only.