

## Tom Van Vleck Consulting LLC

01/07 – present

Consulting on web applications, security, data mining, cloud computing, data mining, patents, and programming. (*Java, Javascript, Perl, PHP, AJAX, Flash, AWS, SOAP, MySQL, Eclipse; Linux, Windows, Macintosh*)



## SPARTA Inc (was McAfee Research, NAI Labs) 11/01 – 12/06

Senior Research Scientist

Research on computer security, Java obfuscation, mobile agents, reverse engineering, trusted computing (TCPA), mandatory security, TCP/IP. Principal

Investigator for research projects funded by DARPA and AFRL. (*Java, C; Unix, Linux, Windows, Macintosh, Darwin*)



## Encirq Inc (formerly Transilluminant) 12/98 – 10/01

Distinguished Engineer

Development of a new internet marketing service product that provides advertising targeting while preserving the privacy of end users.. Employee #5 of this San Francisco startup. Established architecture; built initial prototype; led the evolution

of the client-side implementation into the current product version, deployed to customers of several banks.. (*Java, JavaScript, HTML, LISP, Oracle; Windows, UNIX, Macintosh*)



## Sun Microsystems

Senior Staff Engineer

8/98 - 12/98

Electronic Commerce Group. Java Commerce Client (Java Wallet). Design and implementation, security and quality. (*Java; Solaris, Windows 95*)



## CyberCash Inc

Principal Engineer, Systems

3/96 - 8/98

West Coast Technical & Quality Lead. Electronic payment applications & protocols, security. Worked at Sun JavaSoft on Java security and electronic commerce framework.

Engineering manager for CyberCash's Secure Electronic Transaction (SET) protocol pilot implementation (project with Netscape, Visa, Toshiba, and IBM) and SET compliance testing. (*Java, JavaScript, C++, HTML; Solaris, Windows 95*)



## Taligent Inc

Principal Engineer

9/92 - 2/96

Object-oriented security, software engineering, development process & change control, quality, system boot, OMG CORBA security Working Group. (*C++; Macintosh, AIX, Taligent Pink, Mach*)



## Tandem Computers

Manager, Work Group Software QA  
Software Designer

9/81 - 9/92

Software defect prevention & analysis, development process, workstation integration, remote SQL procedure call, X windows, CASE, management tools, OS security. Managed 14 people on QA of PC/mainframe integrated 4GL/database, office automation, electronic mail. Coordinated OS architecture & implemented object-oriented file system for new OS; worked on system boot, tools, development process. Extended transaction management for current product line. (*TAL, C, Pascal; Guardian, MS DOS, Windows, OS/2, Macintosh, UNIX™*)



## Honeywell Information Systems

Principal Staff Engineer, CISL  
Manager, Multics End User Facilities, PMDC  
Software Systems Engineer, CISL

5/74 - 9/81

Development process, tools, database storage system, long-term direction & planning. Managed 10 people on relational database, word processing, ARPANet gateway. Led team of 25 in redesign of file system. Major design & implementation contributions to system administration & security, command interface, hard core supervisor, transaction processing, tools, reliability, fault tolerance, printer control, and system documentation. (*PL/I; Multics*)



## M.I.T.

Manager, System Analysis and Planning, IPC  
System Programmer, Project MAC

2/65 - 5/74

Systems, programming, administration, operations. Billing systems, pricing algorithms, budgets, graphics. (*PL/I, FORTRAN, ALM; Multics, CTSS, CP/CMS, OS/360*)

Design, implementation, & administration of operating systems, security, accounting, administration, system boot, development tools. (*FAP, MAD, PL/I, ALM; CTSS, Multics*)



B.S., Mathematics, Feb 1965,  
Massachusetts Institute of Technology

## Publications:

"Electronic Mail and Text Messaging in CTSS, 1965-1973,"  
*IEEE Annals of the History of Computing*, Vol. 34, No. 1:  
January-March 2012, pp. 4-6.

*The Compatible Time Sharing System (1961-1973) Fiftieth  
Anniversary Commemorative Overview* (with D. Walden),  
IEEE Computer Society, Washington DC, June 2011.

"Anti-Phishing: Best Practices for Institutions and  
Consumers," (with G. Tally and R. Thomas) *McAfee  
Security Research*, Santa Clara, CA, March 2004.

"Self-Protecting Mobile Agents Obfuscation Report," (with  
L. D'Anna, B. Matt, A. Reisse, S. Schwab, and P. LeBlanc)  
*Network Associates Laboratories*, Report #03-015, June, 2003.

"Multics," *Encyclopedia of Computers and Computer History*,  
Fitzroy Dearborn, London, May 2001.

"It Can Be Done," *IEEE Computer*, May 1994.

"Cleaning Up the Basement in the Dark," *ACM Software  
Engineering Notes*, Vol 17 no 2, April 1992.

"Timing Channels," poster session, IEEE TCSEC conference,  
Oakland, CA, May 1990.

"Three Questions About Each Bug You Find," *ACM  
Software Engineering Notes*, July 1989.

"Implementation of Security Concepts in a Large-Scale  
Operating System" (with C. T. Clingen), *Honeywell  
Security Symposium*, Monaco, December 80.

"An Example of Industry-University Cooperation: Multics,"  
*IRIA Tenth Anniversary Conference*, Paris, June 78.

"The Multics System Programming Process," (with C. T.  
Clingen), *IEEE COMPCON 78*, Atlanta, May 78.  
Reprinted in *IEEE Tutorial on Software Maintenance*, 1981.

"Control of Access to Computer System Resources," *IEEE  
COMPCON 74*, San Francisco, Feb 74.

"Computer Language for the Computer Network," *Interdis-  
ciplinary Conference on Multiple-Access Computer  
Networks*, Austin, May 70.

## Volunteer work:

IEEE Computer Society History Committee, 2012-2019

CTSRD External Oversight Group, CRASH-worthy  
Trustworthy Systems Research and Development  
(SRI/Cambridge), 2011.

Research proposal review panel, National Science  
Foundation, 2002.

Judge, Software Carpentry international open source  
software engineering tools contest, funded by Los Alamos  
National Laboratory, 2000.

Computer Museum History Center volunteer, 1997-99.

Program committee, IEEE TCSP Oakland Conference, 1996,  
1997.

**Security Clearance:** Details available on request.

**Patents:** 8,302,170, Oct 30, 2012: Method for Enhancing Network Application Security

McAfee Corp. (/E^mAj;kE^TMfiE/; formerly known as McAfee Associates, Inc. in 1987-2014 and Intel Security Group in 2014-2017) is an American global computer security software company headquartered in Santa Clara, California. The company was purchased by Intel in February 2011, and became part of the Intel Security division. On September 7, 2016, Intel announced a strategic deal with TPG Capital to convert Intel Security into a joint venture between both companies called McAfee. That deal closed on April 3... British-born U.S. technology entrepreneur John McAfee died on Wednesday by suicide in a Barcelona prison after the Spanish high court authorised his extradition to the United States on tax evasion charges, his lawyer told Reuters. McAfee's lawyer, Javier Villalba, said the anti-virus software pioneer died by hanging as his nine months in prison brought him to despair. During a court hearing last month, McAfee, 75, said that given his age, he would spend the rest of his life in jail if convicted in the United States. "I am hoping that the Spanish court will see the injustice of this," he said, adding "the United States wants to use me as an example." McAfee had lived for years on the run from U.S. authorities, some of that time aboard a megayacht. McAfee's life behind bars appears to be one of contemplation, as he regularly tweets messages with tones that switch between sorrow, acceptance for his circumstances, mixed in with sparks of aggression towards the U.S. governing bodies. In the June 9 tweet, he notes that "after uncountable lawsuits and the reach of the FED's I now have nothing. Download the latest quarterly McAfee Labs Threat Report for new cybersecurity research and threat analysis, and access our archived reports." The latest McAfee Labs Threats Report spotlights ransomware from Babuk to DarkSide and beyond. Our team breaks down research and recent trends in high-profile ransomware threats: New Ransomware. Daily, Weekly, and Monthly Ransomware Detections. Antivirus software tycoon John McAfee apparently hanged himself in a Spanish jail cell on Wednesday "just hours after a court ruled he would be extradited to face federal charges in the US. Authorities said a preliminary investigation determined there were no signs of foul play, the Spanish newspaper El Pais reported. The 75-year-old eccentric tech entrepreneur was arrested in October and was awaiting extradition in the Barcelona jail when he was found dead by hanging, police sources told El Pais. The newspaper reported McAfee was pulled from his cell in Barcelona and police are investigating the circumstances around his death. John McAfee has died by suicide. Getty Images. John McAfee was awaiting extradition when he was found dead. AP Photo/Ng Han Guan, File.