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Michael Maschke is the Chief Information Officer and Director of Information Security at Sensei Enterprises, Inc. Mr. Maschke holds a degree in Telecommunications from James Madison University. Mr. Maschke is an EnCase Certified Examiner (EnCE), a Certified Computer Examiner (CCE #744) and an AccessData Certified Examiner (ACE). Mr. Maschke is also a Certified Information Systems Security Professional (CISSP). Mr. Maschke has significant experience with network troubleshooting, design and implementation, security, systems integration and computer engineering. Prior to his current role, he oversaw Sensei's computer forensics and information technology departments, which provided support to over 175 area law firms, legal entities and corporations. Mr. Maschke is a Microsoft Certified Systems Engineer (2000/2003), Microsoft Certified Systems Administrator and a Microsoft Certified Professional. He is an associate member of the American Bar Association and has spoken at the American Bar Association's TECHSHOW conference on the subject of information security. He is currently an active member of the ABA's Law Practice Management Technology Core Group. He is also a co-author of *Information Security for Lawyers and Law Firms*, a book published by the ABA in 2006, *The 2008 Solo and Small Firm Legal Technology Guide: Critical Decisions Made Simple* book published by the ABA in 2008, *The 2009 Solo and Small Firm Legal Technology Guide: Critical Decisions Made Simple* book published by the ABA in 2009, *The 2010 Solo and Small Firm Legal Technology Guide: Critical Decisions Made Simple* book published by the ABA in 2010 and *The 2011 Solo and Small Firm Legal Technology Guide: Critical Decisions Made Simple* book published by the ABA in 2011. He is also a member of the International Society of Forensic Computer Examiners (ISFCE) and is serving on the Editorial Board for *Hex: The Collegiate Journal of Computer Forensics* publication.

Qualified as an expert or appointed by the court as an expert in the following courts:

Albemarle County Circuit Court, Virginia

Chesapeake Circuit Court, Virginia

Chesterfield Circuit Court, Virginia

Fairfax County Circuit Court, Virginia

Fairfax County Juvenile and Domestic Relations District Court, Virginia

Loudoun County Circuit Court, Virginia

Lynchburg Circuit Court, Virginia

U.S. District Court, Western District of Virginia

U.S. Air Force Trial Judiciary, Eastern Judicial Circuit

U.S. Navy and Marine Corps Trial Judiciary, Central Judicial Circuit

Representative recent work:

- Testified as an expert (in computer forensics) in *Thomas Shockley v. Melanie Shockley* (2011, Chesterfield, VA). Case involving Internet history browsing activity and the viewing of pornographic related materials.
- Testified as an expert for the Government (in computer forensics) in *U.S. v. AIC Thomas T. Jones* (2010, Keesler AFB, MS). Case involving possession of child pornography on removable storage media. Defendant found guilty.
- Testified as an expert (in computer forensics) in *Royal v. Royal* (2010, Lynchburg, VA). Case involving web-based e-mail account access dates and times and the corresponding Internet Protocol addresses.
- Testified as an expert for the Government (in computer forensics) in *U.S. v. AIC Thomas T. Jones* (2010, Keesler AFB, MS). Case involving possession of child pornography on removable storage media.
- Testified as an expert (in computer forensics) in *Beecher v. Ringler* (2009, Chesapeake, VA). Case involving deletion of files during specific time periods and the reinstallation of the computer's Operating System on a given date.
- Testified as an expert (in computer forensics) in *Albemarle County Dept. of Social Services and Anonymous C, v. Anonymous B and Anonymous C* (2009, Charlottesville, VA). Case involving creation of pornography on computer during a specific time period.
- Testified as an expert (in computer forensics) in *Brautigam v. Brautigam* (2009, Fairfax, VA). Case involving alleged sending of threatening e-mails, and e-mail header analysis.
- Testified as an expert (in computer forensics) in *U.S. v. EM2 James M. Plevyak* (2009, Naval Station Norfolk, VA). Case involving alleged possession of child pornography.
- Expert Witness (in computer forensics) in *Optical Air Data Systems v. Argon ST, Inc., et al.*, (2009, Fairfax, VA). Case involving alleged theft of proprietary information. Forensic analysis was performed and deposition taken. Case settled.
- Consulted as an expert (in computer forensics) in *U.S. v. MSgt Chad F. Hamilton* (2009, Andrews AFB, MD). Case involving alleged possession of child pornography.
- Testified as an expert (in computer forensics) in *Williams v. Williams* (2008, Fairfax, VA). Case involving user profiles captured from adult-content web sites.

- Testified as an expert (in computer forensics) in *U.S. v. Doyle* (2008, Big Stone Gap, VA). Case involving alleged possession of child pornography.
- Testified as an expert (in computer forensics) in *Straub v. Straub* (2008, Leesburg, VA). Case involving Internet history browsing activity and the viewing of pornographic related materials.
- Testified as an expert (in computer forensics) in *Staples v. Coleman, et al.* (2007, Lynchburg, VA) Case involving alleged breach of contract and the transfer of personal electronic data to a third-party after partnership was terminated.
- Consulted as an expert (in computer forensics) in *U.S. v. SrA Kundel* (2007, Robins AFB, GA). Case involving alleged possession of child pornography.
- Expert Witness (in computer forensics) in *Kayton Radio & T.V., LLC v. Alexander Gonzaga* (2007, Baltimore County, MD). Case involving alleged hacking and deletion of company data. Forensic analysis was performed and deposition taken. Case settled.
- Consulted as an expert (in computer forensics) in *U.S. v. AIC Jason Miles* (2007, Seymour Johnson AFB, NC). Case involving alleged possession of child pornography.
- Testified as an expert (in computer forensics) in *Bender v. Bender* (2007, Fairfax, VA). Case involving the installation and configuration of computer spyware and the interception of electronic data
- Consulted as an expert (in computer forensics) in *U.S. v. AIC Stephen W. Oxenford* (2007, McGuire AFB, NJ). Case involving alleged possession of child pornography.
- Testified as an expert (in computer forensics) in *Goldstein v. Goldstein* (2007, Fairfax, VA) Case involving the installation and configuration of computer spyware and the theft of personal data.
- Testified as an expert (in computer forensics) in *USA v. Jabbour* (2006, Charlottesville, VA). Case relating to child pornography protocols used by defense experts.

Professional Experience

Sensei Enterprises, Inc. Fairfax, Virginia <i>Chief Information Officer, Director of Information Security</i>	2004-Present
James Madison University Harrisonburg, Virginia <i>Network Engineer.</i>	2003-2004

Certifications/Credentials:

AccessData Certified Examiner (ACE)	2010
Certified Information Systems Security Professional (CISSP)	2010
AccessData Certified Examiner (ACE)	2009
Certified Computer Examiner (CCE)	2009
EnCase Certified Examiner (EnCE)	2008
Microsoft Certified Systems Engineer 2003 (MCSE)	2008
Certified Computer Examiner (CCE)	2007
EnCase Certified Examiner (EnCE)	2006
Microsoft Certified Systems Engineer 2000 (MCSE)	2005
Microsoft Certified Systems Administrator (MCSA)	2005
Microsoft Certified Professional (MCP)	2004

Education

<u>SANS Institute</u> Reston, VA <i>SEC542: Web App Penetration Testing and Ethical Hacking</i>	2011
<u>SANS Institute</u> Reston, VA <i>SEC504: Hacker Techniques, Exploits and Incident Handling Bootcamp</i>	2010
<u>SANS Institute</u> Tyson's Corner, VA <i>MGT414: SANS +S Training Program</i>	2009
<u>AccessData</u> Frederick, MD <i>AccessData BootCamp: Intermediate Training</i>	2007

Guidance Software 2006
Sterling, VA
Intermediate Analysis and Reporting Class

Guidance Software 2005
Sterling, VA
Introduction to Computer Forensics Training

James Madison University 2000-2004
Harrisonburg, VA
Bachelor of Science in Telecommunications
Minor in Computer Science

Publications

Co-Author, *Tech landscape 2011: Top product picks; Rise of Mac viruses; Security for thumbdrives, iPhone; and more*, published by the American Bar Association (April 2011)

Co-Author, *Desirable qualities of a Computer Forensic Expert*, published by the American Bar Association (April 2011)

Co-Author, *Operation "Night Dragon": A Data Breach Illuminated*, published by www.slaw.ca (March 2011)

Co-Author, *The 2011 Solo and Small Firm Legal Technology Guide: Critical Decisions Made Simple*, published by the American Bar Association (January 2011)

Co-Author, *The 2010 Solo and Small Firm Legal Technology Guide: Critical Decisions Made Simple*, published by the American Bar Association (January 2010)

Co-Author, *Decoding Computer Investigation Vendors: How to Avoid Mistakes*, ABA Section of Litigation Technology (July 2009)

Co-Author, *Remote Access Tools and Tips for Solo and Small Firm Lawyers*, American Bar Association Law Practice Magazine (March 2009)

Co-Author, *The 2009 Solo and Small Firm Legal Technology Guide: Critical Decisions Made Simple*, published by the American Bar Association (January 2009)

Co-Author, *The 2008 Solo and Small Firm Legal Technology Guide: Critical Decisions Made Simple*, published by the American Bar Association (January 2008)

Editor, *HEX: The Collegiate Journal of Computer Forensics* published by Bloomsburg University of Pennsylvania, 2008 - present (a quarterly Collegiate Journal)

Co-Author, *When the Dam Breaks: Disaster Recovery in the Digital Age*, published in Legal Assistant Today (February 2007)

Co-Author, *Information Security for Lawyers and Law Firms* published by the American Bar Association (April 2006)

Associate-Editor, *Bytes in Brief*, 2004 – present (an electronic law and technology newsletter)

Seminars and Presentations

The Deplorable State of Law Firm Security CLE, Organization of Legal Professionals, Palm Desert, California, May 2011

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, May 2011

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, April 2011

Computer Forensics for Paralegals, Fairfax Bar Association, Fairfax, Virginia, March 2011

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, March 2011

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, February 2011

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, November 2010

Computer Forensics, University of Maryland School of Law, Maryland, October 2010

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, October 2010

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, June 2010

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, May 2010

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, April 2010

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, March 2010

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, February 2010

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, January 2010

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, November 2009

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, October 2009

Navigating the Metadata Minefield: Tales from the Files of Digital Detectives CLE, District of Columbia Bar Association, Washington, DC, September 2009

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, September 2009

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, June 2009

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, May 2009

Courtroom Technology Training CLE, Fairfax Bar Association, Fairfax, Virginia, April 2009

Disaster Recovery, Emergency Preparedness Conference, Fredericksburg, Virginia, September 2008

Computer Forensic Protocols, NBI Seminar, Fairfax, Virginia, June 2008

Metadata: data about data, NBI Seminar, Fairfax, Virginia, June 2008

Forms of Production, NBI Seminar, Fairfax, Virginia, June 2008

Conducting Forensic Analysis Under The New Rules, NBI Seminar, Fairfax, Virginia, December 2007

Ensuring Your E-Discovery Procedures Are In Compliance With The New Rules, NBI Seminar, Fairfax, Virginia, December 2007

How To Produce Electronic Data Under The New Rules: Pointers and Pitfalls, NBI Seminar, Fairfax, Virginia, December 2007

Electronic Evidence for Family Law Practitioners, Virginia Trial Lawyers Association, Norfolk, Virginia, July 2007

Electronic Evidence for Family Law Practitioners, Virginia Trial Lawyers Association, Roanoke, Virginia, July 2007

Guest lecturer for University of Rhode Island Forensics Program, January, 2007

Information Security for Lawyers and Law Firms, American Bar Association TECHSHOW, Chicago IL, April, 2006