

Ernesto F. Rojas CISSP, DFCP, IAM, IEM, DABRI, PSC, MBA

Mr. Rojas has over 25 years of information systems consulting, supervisory, managerial and executive experience in various industries. He is considered a subject matter expert in the areas of computer forensics, database design, security, and operations; application security testing and verification; SCADA security and control; and the use of the National Security Agency IAM and IEM assessment methodologies, he is certified by NISM in the area of disaster management. He has conducted numerous computer investigations in the areas of Banking, Bankruptcy, Family Law, Human Resources, Intellectual Property and Financial Fraud cases; and has either led or participated in projects ranging from small enterprise systems to large-scale rollouts with user communities in excess of 14,000 desktops. During his career, he has been the recipient of numerous certifications and awards.

He regularly provides expert witness testimony in cases that involve the use of computers in violation of corporate, government or ethical rules and laws including criminal cases. His testimony has been offered in Federal, State and Texas courts and in mediation and arbitration, offering opinions dealing with electronically stored information (ESI), Internet crime and data collection methodologies. Mr. Rojas has served, as a neutral master on behalf of the court, in cases where agreement could not be reached between the parties in the production of ESI.

Mr. Rojas recently received the distinction of being awarded the status of Diplomate of American College of Forensic Examiners and also received the certificate of Digital Forensics Certified Practitioner from the Digital Forensics Certification Board, the board is hosted by the University of Central Florida, under the sponsorship of the National Institute of Justice and will soon receive accreditation from the National Forensics Accreditation Board which is recognized by the American Academy of Forensic Sciences.

Mr. Rojas is a regular contributor to the educational effort of investigators at the State, National and International level in the area of Digital Forensics and Digital Security.

**Forensic & Security Services Inc.
President & CEO – 2005 to Present**

Mr. Rojas founded and heads this Houston based company, which develops forensic products, training services, and a forensic and security consulting practice on a nationwide basis. He directs the forensic and security consulting practices working on diverse cases, conducting research on improving the area of computer forensics, electronic discovery (EDD), and FRCP compliance, he has conducted security research in the areas of DRM, software piracy, and data

security. He is a frequent speaker and trainer to business, investigative and legal groups on these subjects.

His teams have conducted large data collections (in excess of 5 TB) on a Domestic and International basis and are qualified to comply with the Safe Harbor rules of the US-EU convention. Collections have been conducted in Latin America, the European Union, Russia, and Canada. The company maintains offices in Houston, Texas.

InterCONNECT Solutions Inc
Principal Consultant. –2005
Senior Consultant – 1998 – 2004

Mr. Rojas practiced in the area of litigation support and computer forensics cases. He has worked cases with over 4 million files and successfully filtered the data to less than 13,000 relevant items. He is experienced with Encase, FTK and public domain forensic tools, in addition to Macintosh, Linux and Windows operating systems. He has provided both expert consultant work and case consulting expertise in support of electronic discovery for civil litigation and arbitration. Prior to his work in forensics, he served as a consultant and security expert in database operations and computer operations in general. He has led risk assessment teams in various industries and government to identify business areas requiring the implementation of policies and procedures to manage risks. He also conducted audits of public concerns on computer policy and security matters.

Independent Consultant
1992 – 1997

He worked in the development of systems, networks and database security strategies in support of small and large clients. His career spans from the configuration of complex large scale networks, to distributed computing, process control databases, Voice over IP telephony, wireless networks, traditional PBX to Network interfaces, fax, and software implementation. In addition he consulted with clients on the use of Digital Rights Management (DRM) in securing music, video and other intellectual property. He also provided guidance on the issues of using downloads to monitor DRM activities of participants to Intellectual Property distribution web sites. Finally he has managed the roll out of secure desktops in various industries and served as a consultant in securing desktop and laptop platforms.

Chief Information Officer
Bridgewater Resources Inc.
1988 – 1991

Consultant – Database Designer and DBA

Rojas & Associates
1982 - 1988

Earlier in his career Mr. Rojas served in the US Air Force and Air Force Reserve.

Professional Certifications, Degrees, and Licenses:

- Texas Licensed Private Investigator #A14679
- Texas Licensed Private Security Consultant #DD01713
- BS in Mechanical Engineering – Loyola University
- BS in Accounting – Loyola University
- MBA – Pepperdine University
- Certified Livewire Investigator - 2006
- Certified Information Systems Security Professional – CISSP #52612
- GIAC Security Essentials Certification – SANS Institute
- GIAC Certified Windows Administrator – SANS Institute
- Microsoft Certified System Engineer – MCSE NT4, 2000, 2003
- Microsoft Certified Database Administrator – SQL 6.5, 7.0, 2000
- Microsoft Certified Systems Administrator – 2000, 2003
- Oracle Certified Professional 8i, 9
- U.S. National Security Agency – Certified in Infosec Assessment Methodologies and Infosec Evaluation Methodologies 2002 – 2003
- NISM 100, 200, 354, 700 & 800 Certifications 2006
- Registered Investigator – ACFEI -2010
- Diplomate – American College of Forensic Examiners – 2010
- Digital Forensics Certified Practitioner -2010

Professional Association Memberships:

- American College of Forensic Examiners - Diplomate
- Association of Certified Fraud Examiners
- Institute of Computer Forensic Professionals
- International Systems Security Association – South Texas Chapter 2000 - 2008
- Board member and officer of the South Texas Chapter of ISSA - 2005
- Infragard – Houston Chapter – FBI and Industry Partnership in Homeland Security - 2004 to present
- Professional Association for SQL Server 1999 - 2004
- IEEE – Computer Society 1984 - 2000
- Computer Security Institute 1997 - 2002
- SANS Institute 2003 - present
- Center for Internet Security 1998 -2002
- ASSIST – Associated Security Services and Investigators of the State of Texas 2007
- TALI – Texas Association of Licensed Investigators 2007 to present
- Sedona Conference – International Working Group on E-Disclosure & Information Management & Working Group on Electronic Discovery Procedures

- Association of Litigation Support Professionals, Founding Member
- Forensic Expert Witness Association, Texas Chapter 2009
- National Council of Investigation & Security Services 2009 to present
- International Information Systems Security Certification Consortium (ISC)² 2003 to present
- World Association of Detectives 2009 to present

Selected Publications, Presentations, Training and Projects:

- Securing SQL Server 2000 - A summary of practices, SANS 2003
- Implementing Security in a Small Organization, WBEA 2003
- Why is Information Security Important to my Business, WBEA 2004
- SQL 2000 Security Template, NSA – CIS Joint Project 2003 -2004
- Digital Rights Management – Issues and Hurdles, Security 2004
- Sarbanes-Oxley the Second Year Issues and Opportunities, Audit Directors Houston 2005
- eDiscovery - Dangers and Opportunities 2005
- The New Rules for Credit Card Processing – How Visa & MasterCard are transferring responsibility for Security to your Business, WBEA 2005
- Downloading Drivers to Manage DRM – Legal Dangers. ISSA 2005
- eDiscovery - What it is and how to deal with it – ISSA, South Texas, 2005.
- eDiscovery– Opportunities and Dangers - TRISC Conference Austin 2005
- The use of eDiscovery in risk management, Internal Audit Roundtable 2006
- Baseline of Forensic Systems – HTCIA 2006
- Forensic First Responder Training – HTCIA 2006, Infragard 2006
- Sam Houston State University – Emerging Trends Lecture Series, Graduate Criminal Justice and Computer Forensics Program, Fall 2006
- Implementing the Federal Rules of Civil Procedure eDiscovery amendments, February 2007 (Classroom course)
- eDiscovery – Managing Electronic Evidence – TRISC, Austin 2007
- Integrating Electronic Evidence Management – Computer Forensics Show, Washington DC; January 2008
- Computer Forensics for Investigators – TALI Winter Conference, San Antonio; February 2008.
- Electronic Evidence Identification and Preservation TALI Region 4 Quarterly Meeting, Liberty County, Texas, April, 2008
- Texas Licensing of Computer Forensics – TRISC 2008, San Antonio.
- Houston, Texas LEAP Chapter, Electronic Identification and Preservation, May 2008
- American College of Forensic Examiners – Instructor 2008 Conference – Federal Rules of Civil Procedure 21 Months after enactment. September 2008
- Texas Assn of Licensed Investigators – Instructor 2009 Winter Conference – Handling Electronic Evidence. February 2009
- Sedona Conference - 3rd Conference on Electronic Discovery. March 2009
- Houston Claims Association – Instructor Summer 2009 Training Day – Electronic Device Forensics. June 2009
- Texas Association of Licensed Investigators – Conference. Aug 2009
- Texas Criminal Defense Lawyers Association. October 2009
- Paraben Forensic Innovations Conference. November 2009
- Cell Phone – Evidence Triad. January 2010 TALI Region 3 Instructor

- Instructor – Paraben Forensic Stick Class for Investigators Feb 2010
- World Investigators Conference – Dallas. March 2010
- Internet Fraud Casebook: The World Wide Web of Deceit, Wells, J.T. Editor, Rojas, E. F., Author Chapter 2, John Wiley & Sons, Hoboken, N.J., 2010
- Televised interview, KHOU Channel 11, Houston. “Explanation of packet sniffing and the uses of packet sniffing in the hands of criminal elements” aired August 15, 2010.
- Preventing Another Wikileaks – Computer Forensics Show, San Francisco, California, November 2010