

Joseph Caruso – Founder/CEO/CTO Global Digital Forensics

Experience Highlights: Joseph Caruso is a recognized industry leader in the fields of computer forensics, eDiscovery and cyber security. With over 20 years of active in-the-field experience in numerous technology areas, his diverse expert background is unrivaled, giving him the ability to explain a wide array of complex technologies in simple, easy to understand language, so the client, the opposition and the court all fully understand the topic, methods and results, while being able to withstand the highest levels of scrutiny.

Mr. Caruso has been in the computer technology business since 1980 and has extensive experience with a wide variety of platforms, and has developed databases and real-time systems for major companies, including transactional databases on IBM OS/390 and AS/400 mainframes, in both IMS and DB2. These systems are capable of processing millions of transactions a day and are the basis for reservation systems, financial systems and insurance and retail companies around the world.

Mr. Caruso has led incident response teams for Fortune 500 companies, which include Pfizer, ADCO, Harrah's, and institutions which include World Bank, International Monetary Fund, the US federal court system and L3, to name a few. He is experienced in data breaches of all sizes and has led teams that successfully secured networks after major intrusions and worked closely with clients to help ensure their reputation and assets remained intact.

Mr. Caruso has been featured as a technology expert regarding high profile cases on CNN Headline News, CBS Evening News with Katie Couric, FOX Business's Varney and Company, as well as WPIX News New York. His opinions and editorials have also been published on many national and local news sites. He has also served in an advisory capacity for national cyber security councils for two US Presidents. He is a seasoned expert witnesses in a wide range of technologies, ensuring a client's needs are met with a highly qualified, competent and knowledgeable expert with real world experience in the right field(s).

Clearance Level: Expired Secret

Labor Category: Principal / Management

Education: Dual Degree B.S./B.E in Mathematics and Engineering Physics - New York University, College of Arts and Sciences & Stevens Institute of Technology

Knowledge of Systems and Applications:

- Extensive background in Mainframe Operating Systems including iSeries, AS/400 and OS/390.
- Programming Languages: COBOL, COBOL II, DB2, CICS, VSAM, TSO/ISPF, ROSCOE, MICRO FOCUS, Basic, Fortran, SQL, SQL/400, RPG, Pascal, C (all flavors), Assembler, ISPF, PL1 IMS/TSO/CLISTS/JCL/ JCLJes2/3,IMS, MVS, ACF2 Mainframe Security DFHSM, SPUFI,BMC LoadPlus, ACF2 Rumba, EDA, CLISTS FOCUS, TSO/MVS/ Focus, Oracle, ACF2 Security, CA-Spool, Boole & Babbage, Endeavor, BMC Computer Associates Tools, Compuware FILEAID, SAS, CHAMP, PANVALET - Tools VMSECURE, VM-CYPHER,
- Desktop and Server Operating Systems: Windows Server and Desktop Platforms, Unix/Linux Platforms, AS/400, OS/390, SUN, etc.
- Familiar with, and trained on, most major security platforms and devices, including Cisco, McAfee, Symantec, EMC and others

Representative Cases

- EMC Corporation v. Nexaweb, Inc., et al
- ClearOne Communications, Inc., v. Biamp Systems DSP
- Bose Corporation v. Silonsonic, Inc., et al
- Motorola Mobility V. Microsoft Corp.
- J.T. Shannon Lumber Company, Inc., v. Gilco Lumber, Inc., et al
- Calyon v. Mizuho Securities USA Inc., et al
- Holland v. Motown Record Corp., et al (Mainframe)
- Hoffman v. American Express Travel Related Services Co., et al (Mainframe)
- Baker, et al v. KMPG, LLP, et al
- Nisselson v. Lernout, et al (Mainframe)
- Frank K. Cooper Real Estate #1, Inc. v. Cendant Corporation, et al
- In Re Old Banc One Shareholders Securities Litigation
- Brainstorms Internet Marketing, Inc. v. USA Networks, Inc., et al
- Douse v. Quick & Reilly.

Technical Skills, Training, and Certifications:

- Certified Forensic Examiner
- Trained in EnCase Enterprise, Access Data and a Myriad of Open Source Tools
- Member of the College of Forensic Examiners
- IEEE Computer Society
- Published author, including textbooks on basic computer forensics and advanced computer forensics

CHRONOLOGICAL EXPERIENCE

2000- Present

Global Digital Forensics

Founder-CEO/CTO

Responsible for the overall operation of Global Digital Forensics. Global Digital Forensics, Inc. creates and implements solutions which help ease the way through complicated legal and technical issues, from the initial collection of digital evidence, to the full analysis of that digital information. GDF offers a wide range of services, including digital forensics analysis, commercial fraud analysis, electronic evidence discovery, cyber security solutions, cyber emergency incident response, e-policy consulting and auditing, and certification services, for both private industry and the government.

1996-2002

Business Intelligence Associates, Inc.

Director and President

Founded BIA to fill a gap in the current security landscape. BIA had two lines of business computer forensics/incident response and litigation support. Mr. Caruso led the incident response business, and when the litigation support practice and software was sold off, he continued to run the incident response business under the Global Digital Forensics name.

1990–1996

The Learning Curve, Inc.

CTO and CIO

Founded The Learning Curve, Inc. in Clearwater, Florida in order to address the growing commercial demand for high-end data recovery and error correction code based products for large scale data warehousing systems, technical education products and security related systems. The company was sold in 1996 and the technology and methodologies are still in use.

1985–1990

Consolidated Software Products, Inc.

Founder & CTO

Founded Consolidated Software Products, Inc. of New York in 1985, which developed software libraries that allowed applications to manage and co-ordinate massive amounts of data in real-time, the technology is still in use in the SAABER System developed for American Airlines. Developed the first PC-based data recovery utility with RAID capability for the National Geological Survey, which was successfully marketed in the private industry and is still in use today. Designed security enforcement protocols and systems for military-grade communications, including cryptographic recovery code.

1983–1985

Bell Labs R & D Engineer; Corporate Liaison

R & D Engineer; Corporate Liaison

At Bell labs, performed file system design for embedded systems and Unix engineering duties in the research and development facility in New Jersey, and acted as a corporate liaison in Germany, troubleshooting for clients worldwide. He specialized in government contracts and technology transfers of high end communications and military systems with a specialty in real-time systems, including design and development of Terrain Tracking Radar Systems for the joint Navy/Air force Tomahawk Missile Project with E-Systems. He was also responsible for security analysis of systems involved in the storage of classified information.