

# EXHIBIT B

**Silicon Valley Expert Witness Group, Inc.**  
**Consultant Curriculum Vitae**

## Stephen Gray

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### Expertise

- Distributed Computing Architecture
  - Internet/Web/e-Commerce
  - Web Services Protocols/SOA
  - Client/Server Technology
  - Electronic Presentation Technology
  - Programming Languages
  - Image and Document Processing
  - Relational Database Design
  - Network Architecture
  - Software Quality
  - Software and Systems Development, Integration and Management
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### Professional Summary

Mr. Gray has over 30 years of experience in the computer and communications industries. His background includes systems and software architecture, design and development as well as senior management positions in development, marketing, and general management.

### Employment History

From: 1984      **Gray & Yorg, LLC**  
To: Present     San Diego, CA  
Position: *Principal*

Mr. Gray is an expert in modern computing platform architecture, design, implementation and integration, including relational database design in networking environments. In providing consulting services, he has successfully completed the following projects:

- Performed patent portfolio analysis for large corporations
- Developed policies and procedures for a “clean” software development environment. Monitored activities to ensure conformance.
- CSO for a Business Process Management software start up. The firm develops Web Services/SOA based BPM creation, orchestration, management and optimization solutions.
- CTO for an e-Commerce Internet start up. The firm developed a product that specializes in procurement for public agencies.
- Interim CEO for a broadband Competitive Local Exchange Carrier (CLEC). Helped negotiate the successful sale of the CLEC.
- CTO for an Internet-based secure content distribution startup. The firm developed comprehensive Digital Rights Management (DRM) solutions for the control and promotion of content on the Internet.

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- Architected several e-Commerce applications for legacy interoperability
- Participated in the architecture definition and design of a highly scalable, high performance device controller for multifunction document processing products
- Performed a detailed analysis of the competitive environment for retail point-of-sale hardware and software systems. Analysis included technology, marketing, compensation and back office interface issues
- Provided system design, product selection and project management for a turnkey software/hardware system for residential refuse hauling and toxic waste disposal company. System involved multiple hardware and software vendors around the IBM AS400 central processing system
- Led the design of a high performance, LAN-based image capture and statement printing subsystem using IBM system components using DBII relational database and SQL language for TRW
- Led the design of an image assisted, remittance processing system using IBM system components and Sybase relational database in a client/server architecture for TRW. Additionally, designed an object-oriented front end to the database so that the UNIX platform could execute Sybase applications
- Engaged to perform a technology audit for the United States Department of Agriculture using ORACLE database products, which resulted in a major overhaul of the database management implementation for their application
- Collaborated with FileNet to develop an IBM-to-UNIX interconnection strategy for their optical disk-based document imaging and filing system
- Defined high speed interconnection and relational database methods using SQL language for Marriott Corporation to handle large transaction volumes in a hotel reservations system
- Collaborated with Xerox in mid 1990s development of an electronic printing system front end supporting a wide range of advanced printing services, including resolution enhancement technology
- Advised Northern Telecom on the performance of IBM's Net View product
- Authored two technical seminars: SNA Technology Update, OS/2 and SAA, Introduction to Client/Server Technology with special emphasis on relational database management. Published articles in trade journals such as Interface Age, CASE World and Info World

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From: 2001 **Networld Exchange Incorporated**  
To: 2002 Bonsall, CA  
Position: *Chief Technical Officer*  
Networld Exchange, Inc. (NEI) provides Fortune 2000 companies private trading exchange (PTX) solutions that automate their B2B commerce activities. NEI is a restart. NEI is funded by institutional investors in New York and Florida. Mr. Gray was recruited in 4Q01 by the investors as part of the new management team.

From: 2000 **NTN Communications**  
To: 2001 Carlsbad, CA  
Position: *Chief Technical Officer*  
NTN Communications, Inc. (AMEX: NTN) is the parent corporation of two operating divisions: Buzztime Entertainment, Inc. and the NTN Network®. Mr. Gray serves as CTO for the parent corporation and each of its operating divisions.  
Buzztime Entertainment, Inc. develops and distributes sports and trivia games to a variety of interactive platforms including interactive television, the Internet, PDS and mobile phones.  
The NTN Network, NTN's hospitality business, operates two interactive television (ITV) networks that broadcast games to millions of consumers each month at 3500 restaurants, sports bars and taverns in North America.  
Mr. Gray is responsible for all of the technical aspects of the corporations as well as forward looking programs and business opportunities.

From: 1987 **Simpact Associates**  
To: 1988  
Position: *Director, Product Marketing*  
Directed the full life cycle of definition, delivery, marketing and enhancement of four sets of IBM connectivity products, including:

- SNA protocol support hardware and software for DEC VAX systems
- An IBM PC-based gateway product that supports SNA and other industry-standard communications architectures
- A Netware-based Token Ring Network adapter board and software for DEC VAX systems
- A hardware/software product that receives financial market feeds and reformats the information for presentation to programs running a VAX via a proprietary applications programming interface (API)

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From: 1982      **Xerox Corporation**  
To: 1987  
Position: *General Manager, Host Software Products*  
1985-87 As the founder and leader of the product delivery organization of a Xerox independent business unit, Mr. Gray managed 21 employees and 33 contract professionals. He directed the definition, architecture, design, development, test, product transfer and sustaining engineering of six products for electronic page printers connected to IBM mainframes, DEC VAX and IBM PC's.

1982-85      Manager, Foreign System Interconnect. Managed four professionals who defined and developed the technical interconnect strategy for electric page printers to wide-and local-area networks. Mr. Gray's group delivered host software, network and printer engineering services. He invented a new printer interconnection technique, developed interfaces to Ethernet local area network, and designed connections to IBM mainframes using SNA and the System/370 channel.

From: 1979      **Computer Communications, Inc.**  
To: 1982  
Position: *Manager, Communication Controller Software Development*  
As leader of the architecture, design, development, and testing of an SNA communications controller, Mr. Gray managed 24 professionals. His group successfully designed, developed and deployed the controller's operating software, diagnostics, host-based compilers, and system support software. Before that, he was the product manager for front-end processors and remote concentrators. Also, he engineered an X.25 multi-channel controller.

From: 1977      **Olivetti Corporation**  
To: 1979  
Position: *Regional Support Manager*  
Started as a district manager and later became a regional software support manager for a series of mini- and microcomputer business systems. Applications included general business and on-line front-office banking.

From: 1973      **Burroughs Corporation**  
To: 1977  
Position: *Systems Programmer, Systems Analyst*  
Specializing in data communications software and held several design and product implementation positions in the mid range and small system development groups.

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**Additional Professional Experience:**

- Designed and implemented numerous relational database management systems using Sybase, Informix, Microsoft Access, DB2.
- Knowledgeable in C, C++, SQL, COBOL, RPG, Basic, Java, various Assembler languages, HTML, XML.
- Designed IBM SNA Distribution Services compatible electronic mail interface product. The product interfaced to MCI mail services.
- Designed peer-to-peer printing network product for MCI
- Designed image-processing system for TRW on contract with the Internal Revenue Service. Participated in the implementation of a prototype of the system.
- Designed image based item processing system for TRW and IBM Participated in the implementation of a prototype of the system.
- Defined IBM interoperability strategy for FileNet products.
- Defined distributed network printing product for Xerox.
- Defined and managed several networking products for Simpact Associates. Used the System Strategies Inc. Express SNA package.
- Defined, designed and implemented several interoperability interfaces to Xerox Electronic Printers.
- Defined, designed and implemented telecommunications control devices for Computer Communication Incorporated.
- Developed and presented numerous public and in-house courses in IBM, Unix, Internet and related networking technologies.
- Member of UCSD Connect “Most Innovative Product Award” Selection Committee (2002, 2003, 2004).
- Member of Association of Computing Machinery

**Litigation Support Experience**

- Date: 2009      **Foley & Lardner**  
DataTreasury v. US Bank  
Patent infringement – distributed processing  
Active
- Date: 2009      **Gibson, Dunn & Crutcher**  
IPI v. Red Hat, Novell  
Patent infringement – distributed file systems  
Active
- Date: 2009      **Jackson and Walker**  
ICR v. Harpo  
Patent infringement – e-Commerce  
Active

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Date: 2009      **Cooley Godward**  
Leader v. Facebook  
Patent infringement – distributed file systems  
Active

Date: 2009      **Jones Day**  
SuperSpeed v. IBM  
Patent infringement – distributed file systems  
Settled

Date: 2008      **Baker & Botts**  
Fotomedia v. Yahoo!  
Patent infringement – file sharing  
Settled

Date: 2008      **Hogan & Hartson**  
ODS v. Magna Entertainment  
Patent infringement – E-Commerce  
Dormant

Date: 2008      **Winston & Strawn**  
CNET v. Etilize  
Patent infringement – E-Commerce  
Settled

Date: 2008      **Weil, Gotshal & Manges**  
i4i v. Microsoft  
Patent infringement – Data formatting, representation  
Settled

Date: 2008      **Jones Day**  
MathWorks v. COMSOL  
Patent infringement - interoperability, Copyright  
Settled

Date: 2008      **Townsend, Townsend & Crew**  
Anthurium v. Spheris  
Patent infringement – Distributed Processing  
Dormant

Date: 2008      **Jones Day**  
Soverain v. CDW, et al  
Patent infringement – e-commerce  
Active

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Date: 2008      **Paul Hastings**  
Sify v. Yahoo  
Trade secrets  
Settled

Date: 2007      **Finnegan Henderson**  
Cisco v. Telcordia  
Patent infringement – system monitoring  
Settled

Date: 2007      **Brown, Raysman**  
WebSide Story v. NetRatings  
Patent infringement – web monitoring  
Settled

Date: 2007      **Paul Hastings**  
MediaTek v. Sanyo  
Patent infringement – data compression  
Settled

Date: 2007      **Sutherland**  
Fedex v. U.S.  
Tax Credit  
Active

Date: 2006      **Jones Day**  
IBM v. Amazon  
Patent infringement – Electronic commerce  
Settled

Date: 2006      **Brown, Raysman**  
NetRatings v. SageMetrics  
Patent infringement – web monitoring  
Settled

Date: 2006      **Young Conaway Stargatt & Taylor**  
Sungard v. PHI  
Breach of contract  
Settled

Date: 2006      **Paul Hastings**  
Autobytel v. Dealix  
Patent Infringement – Electronic commerce  
Settled



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- Date: 2005      **Brown Raysman**  
NetRatings v. Coremetrics, et al  
Patent Infringement – Electronic commerce  
Settled
- Date: 2005      **Kim & Wilcox**  
HealthFirst v. HealthTrio  
Contract Dispute – Electronic information portals  
Settled
- Date: 2005      **Ropes & Gray (Fish & Neave)**  
Ampex v. Kodak, et al  
Patent Infringement – Image transformation  
Settled
- Date: 2005      **Sedgwick Detert Moran & Arnold LLP**  
Waltrip Associates v. Kevin Kimberlin & Spencer Trask Ventures  
Contract Dispute - Theft of trade secret, EDI and ecommerce  
Settled
- Date: 2005      **Orrick, Herrington & Sutcliffe LLP**  
Metilinx v. Hewlett-Packard  
Contract Dispute - Large scale software deployment, QA, system  
management  
Settled
- Date: 2005      **Morrison & Foerster**  
BEA v. SoftwareAG  
Patent Infringement - Web Services, Software development tools,  
OOP  
Settled
- Date: 2005      **Jones Day**  
Orion v. American Honda  
Patent Infringement – Electronic Catalogs and Brochures  
Active
- Date: 2004      **Keker & Van Nest**  
AB Cellular v. City of Los Angeles  
Contract Dispute – Tax Authority, Source Code Analysis  
Settled

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- Date: 2004      **Silicon Edge Law Group**  
Oracle v. Mangosoft  
Patent Infringement – Web System Personalization  
Settled
- Date: 2003      **Smith Katzenstein & Furlow LLP**  
S. Rakoff et al v. Dot Com Group, A. Nash et al  
Contract Dispute – Web Analytics  
Settled
- Date: 2003      **Jones Day**  
Hill v. IBM  
Patent Infringement – Electronic Catalog, data management  
Settled
- Date: 2003      **Fish & Richardson**  
Mirror Imaging LLC v. Affiliated Computer Services  
Patent Infringement – Electronic Document Storage  
Settled
- Date: 2003      **Jones Day**  
VPS LLC v. Eastman Kodak Co. and Ofoto  
Patent Infringement – Digital Media distribution  
Settled
- Date: 2002      **Steptoe and Johnson**  
Steven Heard & Dean Messier v. California Institute of Technology  
& Jet Propulsion Laboratory  
Patent Infringement - Digital Images Upload/Storage  
Settled
- Date: 2002      Fish & Neave LLP  
Harrah's Casino v. Station's Casino  
Patent Infringement – Player loyalty system in a network  
Settled
- Date: 2002      **Preston Gates and Ellis LLP**  
Case      Eyefinity, Inc. vs. Entigo, Inc.  
Project:      Contract Dispute - Faulty software development  
Status:      Settled

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Date: 1998      **Robman & Seeley**  
Case            Ametron-American Electronic Supply v. Entin, et al  
Project:        Theft of Trade Secrets - Recovery of Data and Evaluation  
Status:        Settled

Date: 1998      **Kronish Lieb Weiner & Hellman**  
Case            GTE v. Videotron  
Project:        Contract Dispute - Analysis of UNIX-based system  
Status:        Settled

Date: 1998      **Kudo & Daniels**  
Case            Total Recovery Services v. Microage  
Project:        Contract Dispute - Faulty Product, evaluation of product.  
Status:        Settled

Date: 1996      **Baker & Botts**  
Case            BMC Software v. Peregrine Systems, Inc.  
Project:        Theft of Trade Secrets - DB2 enhancement software.  
Status:        Settled

Date: 1995      **Pacific Bell Inside Counsel**  
Case            David McGoveran v. Pacific Telesis Group and Pacific Bell  
                  Damages trial in Theft of Trade Secret Litigation - assess market  
                  potential and value of SQL software.  
Status:        Settled

Date: 1994      **Cooley Godward Castro Huddleson & Tatum**  
Case            ADV Freeman v. Boole & Babbage  
Project:        Contract Dispute - Assessment of software quality, expert witness  
                  on product marketing and software quality.  
Status:        Settled

Date: 1984      **O'Melveny & Myers**  
Case            IBM v. NCR Comten  
Project:        Copyright Infringement - Code comparison and product analysis  
                  and design of alternative technologies.  
Status:        Settled

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**Education**

<u>Year</u>	<u>College/University</u>	<u>Degree</u>
1973	California Polytechnic University	BS, Economics

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