ELYSIUM® DIGITAL

Charles A. Kohl, Ph.D.

Director

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Background

Dr. Charlie Kohl is a director specializing in intellectual property litigation at Elysium Digital. Charlie's work has included an expert report on misappropriation of trade secrets; infringement analysis of software products in the iOS, Android, Linux, and Windows operating systems; damages analysis; design of workarounds for potential infringement; and forensic analysis and reporting. Charlie's doctoral research involved rule-based systems for the interpretation of natural images.

Prior to joining Elysium Digital, Dr. Kohl managed software development efforts as CTO, Chief Architect, and Vice President of Engineering at a number of early and mid-stage companies. At Open Learning Exchange, he developed open-source software for the creation and sharing of global K-12 educational materials. At X-Rite, he managed the development of over 15 standalone and enterprise products for color management. At Context Media, he was responsible for the design and development of enterprise content management, and at Amerinex Applied Imaging, he led the contract development of image understanding software for DARPA, as well as the creation of commercial software tools for image processing.

Professional Experience

- Elysium Digital, LLC, a subsidiary of Aon Corporation, Director, 2023 – present
- Elysium Digital, LLC, a subsidiary of Aon Corporation, Manager, 2016 – 2023
- Stroz Friedberg, LLC, an Aon Company, Senior Consultant, 2015 – 2016
- Stroz Friedberg, LLC, an Aon Company, Manager, 2016
- Elysium Digital, LLC, Computer Scientist, 2010 – 2015
- Musketeer Software, Principal, 2008 – 2010
- Open Learning Exchange, Chief Technology Officer, 2007 – 2008
- X-Rite, Inc., Chief Global Architect, 2004 – 2007
- Enspheres, Inc., Founder, 2003 – 2004
- Context Media, Inc., Chief Technology Officer, 2000 – 2003
- Healthcare Automation, Chief Technology Officer, 1998 – 2000
- Sapient Corporation, Architect, 1997 – 1998
- Amerinex Applied Imaging, Vice President of Engineering, 1987 – 1997
- VI Corporation, Senior Software Engineer, 1983 – 1987

Education

- M.B.A., University of Massachusetts Amherst, 2000
- Ph.D., Computer Science, University of Massachusetts Amherst, 1988
- M.S., Computer Science, University of Massachusetts Amherst, 1980
- A.B., Biochemical Sciences, Princeton University, 1972

Training

- CopyrightX, Harvard Law School, 2023
- FOR408: Windows Forensic Analysis, SANS, 2012

Publications

- "Solving Diverse Image Understanding Problems Using the Image Understanding Environment." John Dolan, Charles Kohl, Richard Lerner, Joseph Mundy, Terrance Boult, and J. Ross Beveridge. In *Proc. DARPA Image Understanding Workshop,* February 1996.
- "Towards a Unified IU Environment: Coordination of Existing IU Tools with the IUE." Charles Kohl, Jeffery Hunter, and Cynthia Loiselle. In *Proc. 5th International Conference on Computer Vision,* June 1995.
- "The Development of the Image Understanding Environment." Charles Kohl and Joe Mundy. In *Proc. IEEE Conference on Computer Vision and Pattern Recognition,* June 1994.
- "A Stellar Application of the IUE: Solar Feature Extraction." Charles Kohl, et al. In *Proc. DARPA Image Understanding Workshop,* January 1994.
- "Solar Image Processing and Feature Recognition." P.L. Bornmann, C. Kohl, T. Kohl, and F. Glazer. In *Proc. International Symposium on the Yohkoh Scientific Results,* February 1993.
- "The Image Understanding Environments Program." Joe Mundy, Charles Kohl, et al. In *Proc. DARPA Image Understanding Workshop,* January 1992.
- "The Image Understanding Environments Program." Joe Mundy, Charles Kohl, et al. In *Proc. IEEE Conference on Computer Vision and Pattern Recognition,* January 1992.
- "Technology Transfer in Image Understanding." Charles A. Kohl. In *Proc. SPIE 1406, Image Understanding in the '90s: Building Systems that Work*, April 1990.
- "Symbolic Fusion of MMW and IR Imagery." Peter Eggleston and Charles Kohl. In *Proc. SPIE 1003, Sensor Fusion: Spatial Reasoning and Scene Interpretation,* January 1989.
- "Goal-Directed Control for Computer Vision." Charles A. Kohl, Ph.D. Dissertation, University of Massachusetts Amherst, COINS Technical Report, 1988.
- "A Goal-Directed Intermediate-Level Executive for Image Interpretation." Charles Kohl, Allen Hanson, and Edward Riseman. In *Proc. 10th International Joint Conference on Artificial Intelligence,* August 1987.
- "Goal-Directed Control of Low-Level Processes for Image Interpretation." Charles Kohl, Allen Hanson, and Edward Riseman. In *Proc. DARPA Image Understanding Workshop,* February 1987.

Testimony

[1] *Jazz Pharmaceuticals, Inc. v. Avadel CNS Pharmaceuticals, LLC et al.*
U.S. District Court, District of Delaware, Case No. 1:21-cv-00691
Submitted expert report on behalf of Jazz Pharmaceuticals, LLC (represented by Quinn Emanuel Urquhart & Sullivan) in a patent matter involving database systems, 2023.

[2] *Perform Content Services, Ltd. v. Ness Technologies, Inc., et al.*
New Jersey Chancery Division, Bergen County, Case No. BER-l-003210-20
Was deposed and submitted two expert reports on behalf of Ness Technologies, Inc. and Ness Global Services Ltd. (represented by McCarter & English) regarding reporting practices in a contract dispute involving agile software development, 2022.

[3] *Confidential Arbitration*
American Arbitration Association
Submitted expert report on behalf of a software company in a confidential matter involving breach of contract allegations regarding their agile software development practices, 2022.

[4] *Blue Spike LLC et al. v. RCN Telecom Services, LLC*
U.S. District Court, Northern District of Illinois, 1:20-cv-06605
Was deposed on behalf of RCN Telecom Services, LLC (represented by Armstrong Teasdale) in a patent infringement matter regarding the transmission of secure digital content, 2021.

[5] *CDN Innovations, LLC v. Grande Communications Networks, LLC*
U.S. District Court, Eastern District of Texas, Case No. 4:20-cv-00653
Submitted expert report on behalf of Grande Communications Networks LLC (represented by Armstrong Teasdale) in a patent matter involving generation of web-based user interfaces, voice input, and network ports, 2021.

[6] *Control Sys, Inc. v. Beyer et al.*
U.S. District Court, District of Connecticut, Case No. 3:11-cv-01423
Submitted expert report on behalf of Control Sys, Inc. (represented by Pullman & Comley) in a copyright and trade secret misappropriation matter regarding software used for managing parking facilities and tracking financial transactions, 2013.