



4423 Point Fosdick Drive  
Suite 208  
Gig Harbor, WA 98335  
Cell +509.294.1448  
[tmuehleisen@cyberba.net](mailto:tmuehleisen@cyberba.net)  
[www.cyberba.net](http://www.cyberba.net)

**Tom Muehleisen, CISSP**  
Senior Manager of Professional Services, CBA Inc.

In 2004, David Shaw founded Cyber Business Analytics, Inc. (CBA) (previously under another name) to provide innovative, actionable, and executable cyber security and risk management solutions for transportation, healthcare and other critical infrastructure domains. CBA maintains information assurance solutions for near-term and sustainable long-term industry security and growth in the face of advanced cyber and business threats. As CEO, David Shaw offers sophisticated business knowledge, cyber intelligence, needs analysis, vulnerability assessments, modeling & simulations, business transformation, as well as, other cyber risk-based strategic business solutions for industrial and government clients both national and global.

David Shaw's senior level positions have included Global Managing Director of Business Intelligence and Security Consulting for Kroll Associates, an international risk consulting firm; and a Principal/Partner for Arthur Andersen Worldwide Consulting, serving as Managing Director for Global Aerospace and Defense, and Business Intelligence. David Shaw has previously led three technology firms. He gained experience as an adjunct instructor teaching business management, marketing, and business intelligence at two major Pacific Northwest universities for several years and currently is an adjunct instructor for risk management at the University of Washington and is the former chairman of the University of Washington's Center for Information Assurance Advisory Board.

David Shaw earned a Bachelor of Arts from the University of Puget Sound, a Master of Arts in Public Administration and Executive Development from Ball State University, and a Masters Equivalent Degree in Business Management & Strategy (Magna Cum Laud) from the Naval War College of Command and Staff in Newport, Rhode Island.

David Shaw is also a graduate of the USAF Inspector General and Intelligence School; has completed several courses on threat assessment, counter-terrorism/counter insurgency; is also a graduate of courses from the Fuld & Company Academy for Business and Competitive Intelligence. David Shaw graduated with honors from the Industrial College of the Armed Forces (Master's Degree Equivalent in Management Engineering). He also earned the Certificate of Information Security and Risk Management (ISRM) from the University of Washington.

David Shaw became a United States Air Force jet fighter instructor and seasoned combat pilot (150 combat missions), a highly-experienced flight and industrial safety engineer, and a decorated senior USAF Officer (Retired). During his career he graduated from USC Viterbi School of Engineering in Aviation Safety and Security Management and amassed four years of graduate and professional education in aeronautical/aerospace science.

## SIGNIFICANT ENGAGEMENTS

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- Led the company consulting team for developing the Network Centric Operations Industry Consortium ([www.ncoic.org](http://www.ncoic.org)) under the direction of The Boeing Company. The NCOIC is an international organization focused on accelerating the global use of network-centric principles and systems. Our goal is to improve information sharing among different communities of interest to enhance their productivity, interactivity, safety and security. Since its activation in 2004, the NCOIC has developed frameworks, processes and tools valued at over \$100 million to enable interoperable networks for greater communication, collaboration and awareness – all available to the public. This was a massive transformational project involving large multinational corporations from several nations. Developed the strategy, aligned diverse business objectives and implemented business operations that endure today.
- Developed, directed and delivered a global business, technology and industry analysis/competitive intelligence solution segment within the aerospace and aviation industry that has been adopted by several Fortune 100 aerospace & defense clients. Included research and analysis of literally hundreds of resources, formulating strategic initiatives and assisting the client in their knowledge management implementation. Resulted in billions of dollars in client revenues and savings.
- Assisted the Office of the US Vice President in identifying and structuring processes for determining enactment of the Aerospace Commission Report, specifically the transformation of the U.S. air transportation system and for workforce development.
- Developed and engaged an enterprise business process optimization system that is used to direct and manage the cultural change and business process re-engineering for a Fortune 1000 manufacturer. Authored the process, engaged the team, and trained the team to perform the tasks required to successfully execute the process.
- Led an international team conducting market research, financial and risk analysis, risk hedge modeling and business strategy & optimization planning for the manufacture and sales of a new commercial aircraft system for a large Asian client.
- Successfully infused and embedded a cybersecurity and information assurance culture into a Fortune 50 aviation systems and aircraft manufacturer. Have positively impacted the entire aviation domain by virtue of this work, particularly the e-enabled aviation sector. Developed the strategy, processes and technologies to facilitate this complex statement of work over a multi-year project that continues presently. The client has adapted these processes, techniques, and technologies for their enterprise operations.
- Led a multinational team of diverse subject matter experts to transform the UAE Airforce flight training and combat operations over a 2 year period that modernized its operations and training systems and secured its applicable data management systems.
- Producing multiple high technology tools and associated services for the cybersecurity and information assurance market segments. Authored and implemented cybersecurity, information assurance and risk management processes, technologies across many clients globally.