



JOHN G. VOELLER

ASME White House Fellow

**SENIOR VICE PRESIDENT, CHIEF KNOWLEDGE OFFICER
CHIEF TECHNOLOGY OFFICER**

Voeller is a member of the corporate management team at Black and Veatch and has responsibility for visioning strategic technology directions. In September 2002, led the ASME CAPI team and supported ASME in standing up the effort that identified what is now called RAMCAP as the key capability needed for creating a common risk profiling system across all infrastructure. In October 2003, Voeller took a year off to accept an ASME Fellowship in the Office of Science and Technology Policy for the Executive Office of the President. His role at the White House office encompassed several unique activities not commonly available to a Fellow because Voeller brought very high security clearances with him from past Federal consulting efforts. His duties included:

OSTP representative for developing the National Critical Infrastructure Protection R&D Plan

OSTP representative for developing the Homeland Security R&D Strategic Plan

Consultant to DHS IAIP on R&D content of the National Infrastructure Protection Plan

Consultant to the Critical Information Infrastructure Protection Plan

Consultant to the President's Information Technology Advisory Council (PITAC)

Cyber security advisor to OSTP/EOP on legislative and agency activities and testimony

IT advisor to OSTP/EOP as member of the COOP, the emergency back-up government

Voeller has been asked to continue this work under contract through the ASME ITI, LLC for clients such as DHS, OSTP, DARPA and several Washington firms. Voeller also has been the Technical Leader, Chemical, Biological, Radiological Technology Alliance (CBRTA), working on advanced technology to deal with terrorist threats with 13 companies including Honeywell, 3M, Motorola, Lucent, General Dynamics, Johns Hopkins, Mayo Clinic, Veridian, Cargill, Becton Dickinson, Syracuse Research Corp. and RAE. Voeller was the Co-Chairman, Critical Asset Protection Initiative (CAPI) of ASME, leading eight teams of world experts in planning first responder actions and risk analysis of terrorist incidents. This effort helped spawn ASME's ITI, LLC now doing work for several areas of DHS. Prior to taking the Fellowship, he was focused on creation of a completely new knowledge management approach that is termed decision-centric, which is designed to enable the fifth generation of engineering and construction advancement for the firm.

Voeller has been responsible for the creation of five and ten year automation strategies. He is the principal architect of POWRTRAK, the automated engineering system of Black & Veatch that was used to build over 500 power facilities around the world and was performed advanced data-centric automation over a decade before firms like Intergraph and Catia announced any similar capability. This unique system has been reviewed in articles in ENR, Forbes ASAP, and CIO.

CEO and President of Data Discovery, Inc., which sells his recursive, search technology.

CEO and President of General Integration Corp., specializing highly collaborative environments.

CEO and President of Nuhands Corp., a firm specializing in products for aiding senior citizens and the handicapped
Past Board Member, e-Builder, Inc.

Past Board member of FIATECH, the automation implementation arm of Construction Industry Institute

Past Board member of the Civil Engineering Research Foundation (CERF)

Past Board member of Kansas Technology Enterprise Corp. (KTEC)

Past Board member of Digital Archaeology and advises boards of several other new firms

Member, Board of Advisors, CII, ASME

ASME Representative to TISP

Has advised ASME, AISC, ASCE, CII, CERF, NRC and NIST on automation.

Founder of the CKO Alliance, a team of international KM experts advising government agencies

Received the following awards and recognition:

- Was co-founder and CTO of \$150 million BV Solutions Group, an IT spin-off company
- CIO Enterprise Value Award for 1997 from CIO magazine.
- The Award of Excellence from Engineering News Record magazine for 1998, "Their Highest Honor For Most Significant Individual Achievement In the Construction Industry"
- The Ed Forrest Award For Highest Achievement in Engineering Automation for 2000
- The CIO Premier 100 Award as one of the top 100 CIO's In The US for 2000.

Voeller has a Bachelors of Science in Mechanical Engineering from the Georgia Institute of Technology and is a registered professional engineer in the states of Kansas and Michigan.