#### RICHARD CROWE

Booz Allen Hamilton Sr. Vice President

Rich leads Booz Allen's Health practice of professional services. In his role of Client Service Officer, he leads all as aspects of the Health account from account planning to full P&L responsibility for a professional services organization. Institutionally, he serves on the firm's capital committee.

Prior to moving to the Health Account, Rich served in numerous roles in Booz Allen's Defense group. Most notable were his leadership of the Acquisition and Program Management team. During this period, he served as the capture executive and program manager for some of Booz Allen's largest engagements in the federal space.

Prior to joining Booz Allen, Rich served as Chief Technical Officer of PlasmaSol Corporation, he led a multidisciplinary team of technical experts (engineers, physicists, chemists and technicians) in developing custom plasma-based applications for dual use in counter-terrorism and medical applications. These applications have resulted in several patents. At the Executive Staff level, he provided technical leadership in the assessment of all proposed product development and intellectual property management; he provided expertise on developing technology strategy plans and merger and acquisition strategies. Programs he has managed in this role included Internal Research and Development as well as contracted research in support of Defense Advanced Research Project Agency (DARPA), Office of Naval Research, NASA and the Memorial Institute for the Prevention of Terrorism (MIPT).

As a Senior Account Executive, he led numerous efforts focused upon the development and implementation of appropriate value-driven technical solutions involving large capital projects consisting of systems of systems. This was accomplished by working with customers to identify needs/requirements and implement a custom solution which included capital improvements, long-term service needs and associated engineering economic analysis. As Senior Service Supervisor, he provided operational supervision to a technical services organization servicing fortune 50 clients in the pharmaceutical, chemical and allied industries. He was responsible for technical direction, quality assurance and customer satisfaction.

## PROFESSIONAL EXPERIENCE

## Booz Allen Hamilton - Red Bank, NJ

2004-present

Business operations lead for Health Account, providing full range of professional services to all federal health agencies including Department of Veterans Affairs, Health and Human Services and Defense Health Agency.

Sr Vice President 2018- present

• Business Unit lead for Health practice of professional services. Led much of the expansion of the expansion into the digital transformation across the federal health space.

Sr. Vice President 2014- 2017

• Business Unit lead for VA practice of professional services. Led all aspects of account planning and operational control.

Vice President 2011- 2014

- Business operations lead Most notable were his leadership of the Acquisition and Program Management team a 400-person professional services organization supporting Defense department engagements.
- During this period, he served as the capture executive and program manager for some of Booz Allen's largest engagements in the federal space. These included Rapid Response Third and Strategic Sources Services.

Principal 2008- 2011

Business operations lead – Focused upon aligning program services and technical services and capabilities with client needs.

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Provided oversight and supervise the various business services supporting various Eatontown contract
engagements to include PMO team to include client staff, PBS, Pricing, Subcontracts and Contracts
functions in addition to task leader performance.

Sr. Associate 2006- 2008

- S3 Program Manager PM of the S3 contract for the first eighteen months of the contract.
- Oversaw contract initiation and execution, resulting in first CPAR rating of Exceptional for performance.

Associate 2004- 2006

• Business development/capture executive — Focused upon business development and capture of the Strategic Support Services (S3) contract for CECOM.

## PlasmaSol Corporation - Hoboken, NJ

2000 - 2004

The Company was formed around technology originally developed at Stevens Institute of Technology. Exploration of applications for the initial technology led PlasmaSol to develop a unique gas generator which uses ambient air plasma to create a transient sterilizing atmosphere.

# Chief Technical Officer

- Led the company in government related business development, including contract negotiation and contract compliance.
- Developed company technology strategy to meet the needs of the United States' for new technology to combat chemical and biological terror threat. Developed air purification system currently being evaluated by Department of Defense for building/vehicle security.
- Adapted technology for dual use in next generation sterilization system for medical applications, leading to company's acquisition by Fortune 50 Medical Device maker.
- Developed and managed Company's Intellectual Property portfolio, including all patents, patents pending and in-license transactions. Authored three patents and an additional seven patents applications pending award

## United Technologies Corp. - Jamesburg, NJ

1992 - 2000

The Commercial Services Division provides technical service and support for industrial and commercial clients. Provided technical and management support for a variety of clients within the pharmaceutical, chemical and healthcare industries.

*Sr. Account Executive* 1992 – 2000

- Efforts focused upon the development and implementation of appropriate value-driven technical solutions involving large capital projects consisting of systems of systems.
- This was accomplished by working with customers to identify needs/requirements and implement a custom solution which included capital improvements, long-term service needs and associated engineering economic analysis.

### General Electric Company, King of Prussia, PA

1989 - 1992

The Government Engineering Management Services (GEMS) division within General Electric Company had direct responsibility for all aspects of design and installation support services for U.S. Government projects, including Department of Defense, General Services Administration, etc.

### Field Engineer

- Responsibilities included optimizing industrial equipment, modernization and installation of new equipment.
- Assisted diverse client base with technical issues associated with configuration, installation and troubleshooting of systems within GE Power systems line.
- Platforms supported ranged from stationary power plants to marine propulsion systems.

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## **EDUCATION**

Master of Technology Management

Stevens Institute of Technology, Hoboken, NJ

Bachelor of Engineering in Electrical Engineering

State University of New York Maritime College at Fort Schuyler, New York, NY

May 1989

May1998

### **SELECTED PATENTS & PUBLICATIONS**

- 1. US Patent 6,955,794 Slot discharge non-thermal plasma apparatus and process for promoting chemical reaction
- 2. US Patent 6,923,890 Chemical processing using non-thermal discharge plasma
- 3. US Patent 6,818,193 Segmented electrode capillary discharge, non-thermal plasma apparatus and process for promoting chemical reactions
- 4. US Patent 7,192,553 In situ sterilization and decontamination system using a non-thermal plasma discharge
- 5. US Patent 7,098,420 Electrode for use with atmospheric pressure plasma emitter apparatus and method for using the same
- 6. US Patent 7,094,322 Use of self-sustained atmospheric pressure plasma for the scattering and absorption of electromagnetic radiation
- 7. US Patent 7,029,636 Electrode discharge, non-thermal plasma device (reactor) for the pre-treatment of combustion air
- 8. "The Non-Thermal Medical/Biological Applications of Ionized Gases and Electromagnetic Fields", (R. Crowe, P.J. Ricatto, et. al.); *IEEE Transactions on Plasma Science*, 2003