Utilities are facing urgent challenges. Cyber threats are rising and compliance challenges are increasingly complex. There’s more data but less clarity. Booz Allen Commercial Solutions has the experience to help you make the right investments to manage today’s risks and be prepared for tomorrow’s opportunities.
Embracing risk, forging new frontiers.

Client Accomplishments

**NERC mobilizes largest sector-specific response**
North American Electric Reliability Corporation (NERC) engaged Booz Allen to design and execute GridEx 2011, a sector-wide exercise to test the readiness of the electric industry response to a cyber security incident. Based on this success, we then handled end-to-end support for an expanded GridEx II, involving more than 230 businesses in late 2013. Leveraging our hard-earned trust and extensive relationships with industry and government, we exceeded NERC’s specified goal by 150%.

**PG&E counts on Booz Allen for GridEx support**
One of the nation’s largest utilities, PG&E, teamed up with Booz Allen to conduct its first-ever enterprise-wide cyber and physical security exercise in connection with GridEx II. With our help, the company successfully piloted activation of its Incident Command System during this event and coordinated response operations across its vast holdings. Recognized as one of the most evolved utility participants, PG&E is now allocating resources for future threat preparedness dry runs.

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**Investing for maximum efficiency**

Now more than ever, utilities face unprecedented, market-changing forces. Innovative transmission technologies continue to impact operations. Electricity demand is skyrocketing, and smart meters and grids are expanding efficiency. With these highs come new lows. Downward regulatory pressure is creating more onerous compliance requirements as scarcity of new talent and resources is impacting growth.

Within such an investment-intensive, revenue-constrained industry, every dollar spent must generate greater ROI. New data-rich processes are creating opportunities for those willing to ask:

- How do we build fresh capabilities onto our existing technology systems?
- How much should we invest, and what is the potential upside?
- How can we make the most of our current workforce and optimize future talent?

Data holds the answers—if you know what to look for and how to find it.
Bring on the payoffs of governance and compliance

Balancing risk with constantly evolving regulation is an ongoing battle. Mere compliance is simply not enough. Complex and changing regulations can be costly if you don’t understand the intent behind them. Booz Allen sits on the industry committees who review/influence regulations; we can help focus your time and resources on doing what’s really required. Bringing deep industry experience to every engagement, Booz Allen goes the distance to strengthen your business. We are on the ground, dispatching tactical and strategic problems for maximum impact. Our active, connected network of experts is here to see that your business thrives.

Raise the bar with intelligent operations

Meticulously correlating data from multiple sources empowers you to make quicker and better decisions. Our collaborative culture means our network is on call for you in authentic, unexpected and hands-on ways. Thought-leading experts derive pragmatic yet visionary insights from analytics, alerts and activity and then apply them across a spectrum of people and processes—far beyond standard practice among utilities. What you get is a clear path forward to maximum operational efficacy.

Get aggressive with situational awareness

Utilities live in a world of vulnerability and uncertainty. The number of increasingly potent cyber attacks is growing—new standards and decisive action is needed to mitigate and prevent the damage they can cause. Booz Allen has a wealth of resources at the ready. We’ve honed our industry-spanning craft across decades and disparate geographies. To counter the pervasive challenges confronting electrical, natural gas, solar and wind companies, our security experts immerse themselves in discovering, detecting, interpreting and executing on enterprise-wide integration while advancing threat protection and prevention. Together with our state-of-the-art strategies and techniques, these thought leaders guide clients in designing, implementing and embracing a custom security model.
Best in class solutions designed to maximize investments
To succeed in today’s dynamic market, utilities need to adapt quickly to new challenges such as cyber threats, regulatory compliance and new technologies. At Booz Allen, we have the industry insights, technology expertise and on-the-ground experience to develop—and implement—smart solutions to drive your business forward.

Your projects are increasingly complex—how do you prevent risk, cost and regulations from slowing you down and diluting ROI?

GOVERNANCE, RISK and COMPLIANCE
Booz Allen can help you comply with new regulatory requirements without sacrificing financial objectives and shareholder value:
• Use advanced analytics to evaluate risk impact and increase ROI
• Ensure compliance with federal, state and local regulations
• Project future needs for NERC-CIP, NRC 10CFR73.54 and NEI 08-09

In a rapidly changing and complex environment, how do you plan for market forces to keep a competitive edge?

INTELLIGENT OPERATIONS
Booz Allen has developed cutting edge techniques to help you maximize the value of your data:
• Forecast market dynamics using strategic simulations to improve execution and drive ROI
• Improve safety, performance, and operational insights with advanced analytics
• Develop proprietary intelligence and processes to ensure business effectiveness

The energy infrastructure is increasingly at risk—how can you secure your data and operations?

SITUATIONAL AWARENESS
Booz Allen has the technology and talent to anticipate threats and implement programs to neutralize them:
• Reduce attack surfaces and respond quickly to incidents
• Anticipate operational and supplier risks using threat indicator analysis
• Prevent attacks through real-time threat identification and industry information sharing

To discuss how we can personally help your business thrive, please contact:

Steve Senterfit
Vice President
Tel +1 281-280-5853
Mobile +1 281-224-4102
senterfit_stephen@bah.com

David Cronin
Principal
Tel +1 617-428-4443
Mobile +1 617-835-3314
cronin_david@bah.com

Stephen Carr
Principal
Tel +1 281-280-6123
Mobile +1 319-213-7414
carr_stephen@bah.com

Chris Munley
Principal
Tel +1 281-280-5810
Mobile +1 202-251-7792
munley_christopher@bah.com

Booz Allen Hamilton
800 Town & Country Blvd, Suite 300
Houston, TX 77024 USA
www.boozallen.com

Booz Allen Hamilton has been at the forefront of strategy and technology consulting for nearly a century. The firm provides business and technology solutions to major corporations in the financial services, health, and energy markets, leveraging capabilities and expertise developed over decades of helping US government clients in the defense, intelligence, and civil markets solve their toughest problems.

Booz Allen is headquartered in McLean, Virginia, employs more than 22,000 people, and had revenue of $5.48 billion for the 12 months ended March 31, 2014. In 2014, Booz Allen celebrates its 100th anniversary year. To learn more, visit www.boozallen.com. (NYSE: BAH)