

Cyber Analysis and Planning Services

Innovative Analytics & Training (IAT) is an organization of experienced professionals with backgrounds in the technical, policy, analytic, and operational dimensions of cyberspace. Our experience lies in research, analysis, consulting and training activities on a wide variety of cyberspace issues, with an emphasis on understanding potential threats and possible mitigation strategies.

Addressing the Information Age from New and Different Perspectives

The Internet has transformed the way we think, work, and play. It has become the central nervous system for businesses, governments, and other organizations around the globe, as well as the basis for collaboration between organizations. In parallel with the positive and potential future benefits associated with the Internet, criminals, terrorists, competitors and other threat actors around the globe also use it to exploit vulnerabilities in our security. Experts believe that cyberspace will be an area of extremely dynamic competition and a primary target for adversaries for many years to come. Whether for government or commercial enterprises, mitigation of advanced threats will require a combination of forensics, protection and warning technologies, training and education, and other approaches adopted under a risk management strategy.

Because cyberspace is an environment that connects humans across a wide range of activities and locations, a multidisciplinary approach is required to understanding and mitigating threat activities and planning for resilience in operations. Planning must encompass a range of adversaries from the lone actor or disgruntled insider to the more sophisticated advanced persistent threat. As such, cyberspace analysis requires expertise across a wide range of disciplines, including communications, intelligence and law enforcement, behavioral activities, data and network mapping and evaluation, and others. It also requires an understanding of “best practices” and data dependencies in other communities and disciplines to plan an effective response, whether in simple or complex systems.

IAT’s Cyber Analysis Services

Our approach to cyber analysis is an all source approach, and takes advantage of an organization’s mission and mission planning. It ranges from a simple assessment of an organization’s data collection and analytic strategies, related layered protection strategies, and the need for risk management across the enterprise. How do you value your data and networks as they underpin your organization’s operations? What technical, system, human resource, and training activities serve as the foundation of your security strategy? What

digital forensics and other analytic tools do you have to understand the real or potential nature of data theft or system manipulation to your organization?

Within IAT, we have worked for both government and commercial clients on assessment frameworks for understanding how adversaries approach malicious cyberspace activities; we also understand how adversaries plan and train for cyber activities. We have worked with others to develop analytic approaches to understanding complex cyber behaviors and how to assess them for short-term and long-term threat. Consistent with our broader business approach, IAT's cyber analysis services are highlight tailored for our client organizations, rather than an "off-the-shelf" solution.

IAT's Cyber Training Services

Increasingly, adversaries of all types target individuals within organizations as the entry point to more sophisticated surveillance, theft, or disruption- or denial-of-service activities. IAT partners with key cyber security professionals to provide tailored training and education on cyberspace security, whether for the executive, corporate staff of all backgrounds, or the technical staff. Our training modules cover a wide range of topics from general threat levels, new analytic approaches to understanding and mitigating the threat, and highly specialized technical approaches. Training modules tailored to the threats your organization faces, can also be developed.

About Innovative Analytics and Training

Innovative Analytics & Training LLC (IAT), a privately-held company in Washington, D.C., focuses on improving analysis and decision-making for government and commercial clients. IAT is "the sources and methods company," and draws upon analytic methods and techniques that range from critical thinking to rapid global expert network development and advanced analytics applications. We help organizations understand the complexity and data dependencies of their decisions, by offering new approaches in how existing information is used and how to gather new information that will narrow the uncertainty within any given decision space.

For more information visit www.innovative-analytics.com

Points of Contact

Rick Raftery, Executive Vice President
Tel.: 202-280-2045 (x702) email: rafteryr@innovative-analytics.com

Kevin O'Connell, President & CEO
Tel: 202-280-2045 (x701), email: kevin@innovative-analytics.com