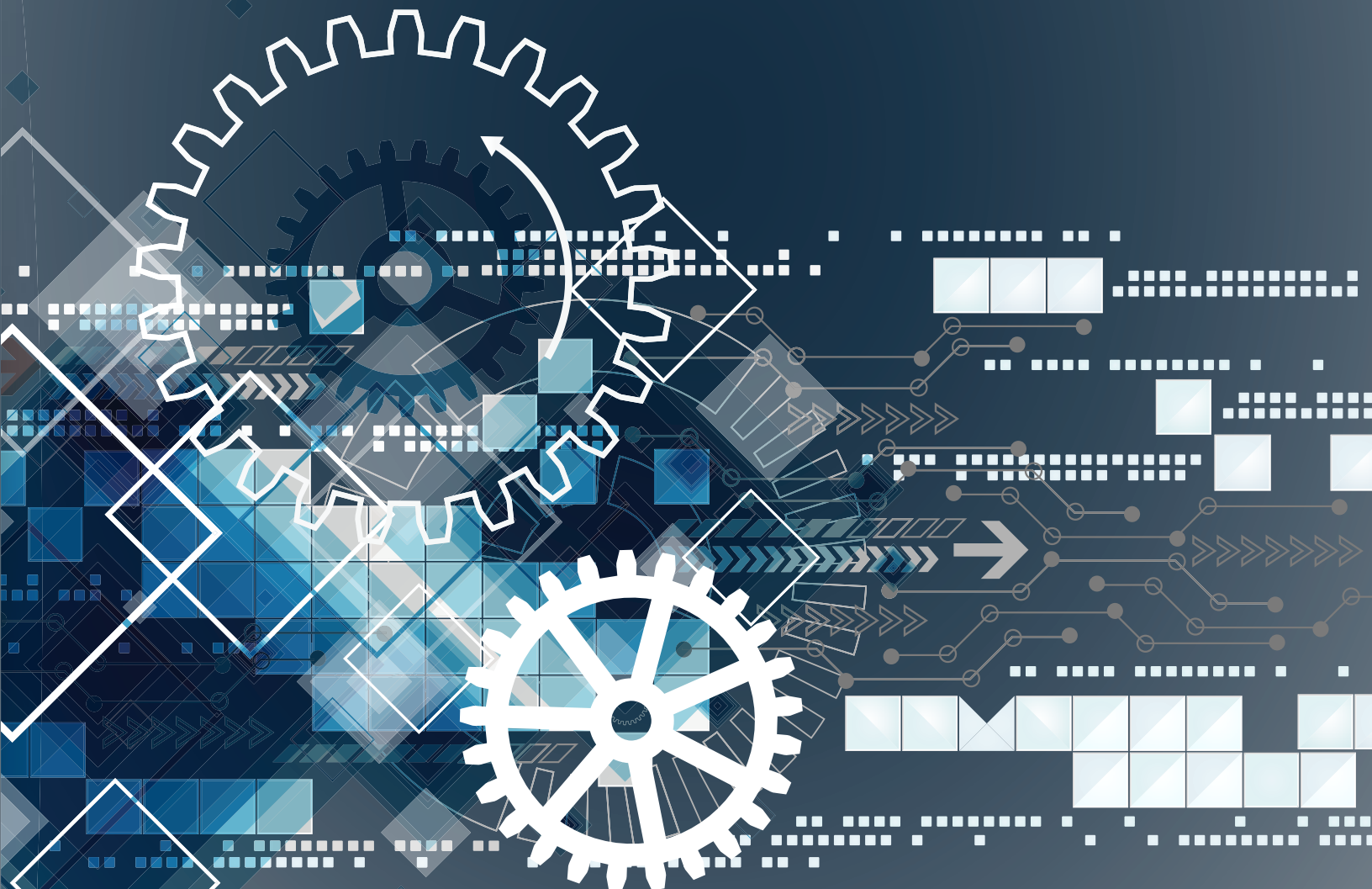


noblis[®]

ENABLING CYBER SECURITY AT SCALE WITH SPEED

Combining tradecraft and technologies to
create force multipliers for critical cyber
missions



IMPROVE CYBER RESPONSIVENESS AND MISSION EFFECTIVENESS

Federal agencies and private entities alike are facing great challenges in areas such as cyber situational awareness, defense of cyber physical systems, and shortages in qualified staff. The burden on individuals to do the work required in these areas is great. They have the talent, but their numbers are few compared to the need. Cybersecurity professionals need a new breed of tools and techniques to act as a force-multiplier and increase their mission impact. Noblis develops solutions that combine technology and tradecraft to provide cybersecurity at scale, with speed.

NOBLIS IS DELIVERING FULL-SPECTRUM CYBER SOLUTIONS FOR THE FOLLOWING AREAS:

CYBER ANALYSIS & RESILIENCE

Noblis specializes in analyzing client network data at scale, using advanced research and state of the art techniques. We help clients ensure that their critical data is safe by providing deep expertise in identifying malicious behavior, paired with technologies that make systems more resilient to attack through automation.



HIGH-END RESEARCH & DEVELOPMENT

Noblis technologies are driven by interdisciplinary teams of world-class researchers in areas such as cyber security, data science, machine learning, math, statistics, physics, and economics. Their work drives Noblis' unique analytic technologies, while simultaneously advancing the state of the art in cyber security.

BEHAVIORAL & NETWORK ANALYTICS

Noblis develops analytics that can identify unusual behaviors, such as anomalous network or user behavior. We also develop analytics that can identify threats on networks that are not visible to traditional technologies, such as intrusion detection systems. Our analytics expertise helps clients defend their networks in ways that traditional defensive technologies cannot.



CYBER POLICY & RISK REDUCTION

Government systems and networks require compliance with relevant policies in order to operate. Unacceptable levels of risk can block deployment of critical hardware and services. Through careful analysis, design, and review, Noblis works with clients to achieve policy compliance, and to identify and mitigate potential risks to your systems and networks.

CYBER AUTOMATION & ORCHESTRATION

Automated attacks hidden in large volumes of data have become the norm. While humans can recognize these threats, they cannot sift through terabytes of data, identify attacks, and implement responses in real time. That's why Noblis has developed technologies that automatically detect, respond, and implement solutions for an attack far faster than what is possible by a human analyst.

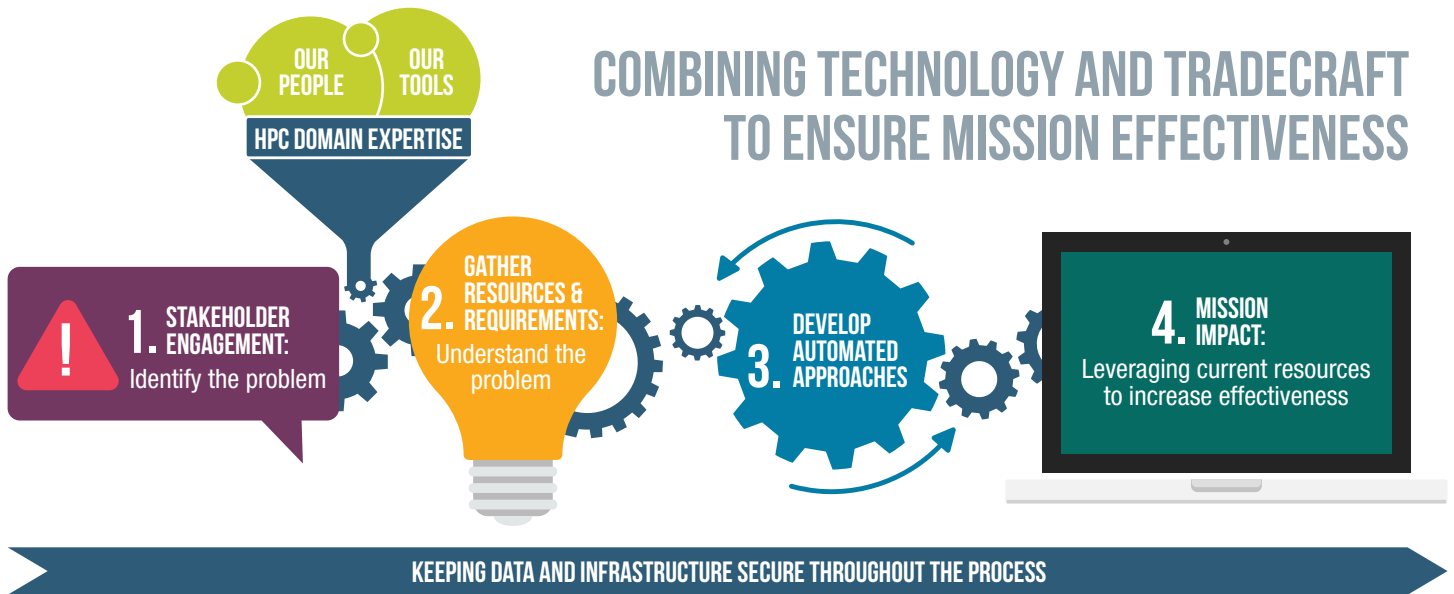


CYBER THREAT & FRAUD INSIGHT

Sophisticated attackers are good at hiding their activity—experts at committing fraud work hard to make sure that their illegal activities are difficult to trace. Noblis uses state of the art analytics and machine learning to identify patterns and indicators of cyber threats and fraud. Our technologies identify and piece together the clues for analysts at rapid speed.



COMBINING TECHNOLOGY AND TRADECRAFT TO ENSURE MISSION EFFECTIVENESS



WHY NOBLIS?

Noblis combines cyber operations, research, machine intelligence, and data analytics expertise with 30+ years of experience to provide value for our customers. We leverage lessons learned, subject matter expertise, and cutting edge tools to develop actionable, and responsive processes for our clients. Our solutions meet unique needs in ways off-the-shelf products cannot.

FedRAMP is a government-wide program that provides a standardized “do once, use many times” approach to security assessment, authorization, and continuous monitoring for cloud products and services.

Noblis is a thought leader in this space and we proudly support the government as they develop the programs, products, and policies that define cloud computing security. In 2016, with Noblis’ help, FedRAMP dramatically increased the number *and* frequency of agency authorizations and re-uses of authorizations. Based on these metrics, FedRAMP has saved the government an estimated \$50M (as of July 2016).

+115% INCREASE IN AUTHORIZATIONS

+120% INCREASE IN FREQUENCY

+250% INCREASE IN RE-USES

CLIENT SUCCESS STORIES

Combating Future Cyber Attacks

Noblis is helping law enforcement combat cyber attacks by assisting in sharing timely, relevant, and accurate information to network defenders across the nation. We also leverage all-source cyber threat analysis and subject matter expertise to improve existing law enforcement analysis products.

Behavioral and Network Cyber Analytics

Noblis is supporting a federal agency’s mission by developing and operating a behavior analytics capability focused on detecting fraudulent user access of web self-service applications and information. Our experts leverage transaction log information integrated with other sources for anomaly detection and couple this with forensics research to classify suspicious activity and misuse. We are also supporting development of an insider threat analytics capability.

Protecting our Networks and Machines from Threat and Cyber Attack

Noblis combines cybersecurity expertise and behavioral analytics to design, operate, and maintain reference architecture, tools, and infrastructure that defend and protect against cyber-attack. Our support helps government agencies target malicious networks, file types, and behavior, and conduct non-signature based analytics and big data analysis that help ensure network and machine safety. We also provide time savings, information, and courses of action that help prevent cyber-attacks from occurring, or stop them before additional damage is done.

DOING WHAT'S RIGHT AND WHAT WORKS FOR OUR CLIENTS

Noblis fosters a culture of collaboration. Through our Centers of Excellence (COEs), we are connecting our staff so that they may better serve our clients. The COEs reach across domain areas and our three companies to ensure the right capabilities, people, tools, and expertise are applied to our work. This enables us to offer every client the best solutions to fit their needs and challenges.

ABOUT NOBLIS

Noblis is a nonprofit science, technology, and strategy organization that brings the best of scientific thought, management, and engineering expertise with a reputation for independence and objectivity. We work with a wide range of government and industry clients in the areas of national security, intelligence, transportation, healthcare, environmental sustainability, and enterprise engineering. Together with our wholly owned subsidiary, Noblis ESI, we solve difficult problems of national significance and support our clients' most critical missions.

WORKING WITH US

Government agencies can access Noblis through a variety of contracting mechanisms. For a full list of our contract vehicles, visit noblis.org.