Noblis celebrates 20 years of excellence and innovation.

In 1996, Noblis was born with a mission to be agile and responsive to the changing landscape of government contracting. In the beginning, we navigated unfamiliar waters as we worked to establish ourselves as a viable company. In 2007, we took additional steps to strengthen the Noblis business model and brand. We ventured into new territory—highlighting the value Noblis could bring to our clients through high-performance computing and data analytics.

Over the years, Noblis has expanded our industry footprint through the acquisition of Noblis ESI (in 2012) and Noblis NSP (in 2014); Noblis has grown from nearly 500 employees at its founding to over 1,000 employees today. With the addition of these companies, we have broadened our expertise in national security and intelligence.

Historically, 20 years constitutes a generation, and Noblis is ready to take on the challenges of the next generation. Our work in the early years was cutting edge for its time, but progress never stands still. While we once helped demilitarize chemical weapons, now we’re helping track down cyber criminals. In the past, we have advised defense and military clients on how to clean up toxins around facilities; now we’re showing them ways to create sustainable infrastructures that are energy-efficient and environmentally sound for the future. We worked with clients to implement enterprise-wide infrastructure for landlines (remember those?); now we’re helping them get up to speed on cloud computing and transition legacy systems to more modern infrastructure. Early support for our transportation clients involved highway policy research, but that has expanded to digital air traffic management communications and connected vehicle technology.

Our legacy is robust with meaningful contributions to our clients, our nation, and its citizens. As we enter this next generation, Noblis is providing innovative and practical solutions for tomorrow’s threats while staying true to our public interest focus: maintaining the safety and security of our citizens and our global neighbors “for the best of reasons.”

We would like to thank our clients—both past and present—for choosing Noblis to support their critical missions and for giving us the opportunity to help them achieve great things for our nation and its citizens. We look forward to 20 more years of serving the public interest through innovation, collaboration, and excellence.

The case studies presented in this corporate report highlight our legacy of success and illuminate the promise of an even brighter future for our clients and the public we serve.
THE NOBLIS ANNIVERSARY DIAMOND
An homage to our past 10 years as a company and the completion of a 20-year history

This commemorative diamond artwork was custom-made especially for Noblis’ 20th anniversary. It follows the look of our 10th anniversary diamond, which is currently on display in the main lobby of Noblis headquarters in Falls Church, Virginia. Soon both will be showcased side by side in our new headquarters in Reston, Virginia. A legend accompanies both to help tell the story of our two decades as a company. I hope that everyone will visit Noblis headquarters to view this beautiful homage to our employees, work, clients, and history.

As always, thank you for your continued dedication and contributions to our organization.

Sincerely,
Amr A. ElSawy
Noblis President and Chief Executive Officer

Mark A. Simione
Senior Vice President, Chief Financial and Administrative Officer, Treasurer
WE WOULD LIKE TO THANK OUR CLIENTS—BOTH PAST AND PRESENT—for choosing Noblis to support their critical missions and for giving us the opportunity to help them achieve great things for our nation and its citizens.

DEPARTMENT OF COMMERCE
DEPARTMENT OF DEFENSE
DEPARTMENT OF THE AIR FORCE
DEPARTMENT OF THE ARMY
DEPARTMENT OF THE NAVY
DEPARTMENT OF ENERGY
DEPARTMENT OF HEALTH AND HUMAN SERVICES
DEPARTMENT OF HOMELAND SECURITY
DEPARTMENT OF JUSTICE
DEPARTMENT OF LABOR
DEPARTMENT OF STATE
DEPARTMENT OF TRANSPORTATION
DEPARTMENT OF THE TREASURY
DEFENSE HEALTH AGENCY
DEFENSE CENTERS OF EXCELLENCE
FEDERAL AVIATION ADMINISTRATION
GENERAL SERVICES ADMINISTRATION
INTELLIGENCE COMMUNITY
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
SECURITIES AND EXCHANGE COMMISSION
SOCIAL SECURITY ADMINISTRATION
UNITED STATES POSTAL SERVICE

Collaborating across capabilities, mission areas, and centers of excellence.
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 to create practical and sustainable solutions at scale that increase efficiency and reduce cost.

Together with our wholly owned subsidiaries, Noblis ESI and Noblis NSP, we solve difficult problems of national significance. We bring an integrated set of capabilities and top talent across an array of disciplines and domains so we can offer clients the right expertise to accomplish their most critical missions.

95% of clients would use Noblis again
96% of clients would recommend Noblis
95% of clients describe themselves as satisfied with Noblis’ overall performance

20 years of excellence and innovation
1,000+ employees
Our nation’s transportation systems are overburdened. In the next generation, travelers expect faster, safer, and more predictable travel. Noblis experts are partnering with government agencies to address this challenge, creating more integrated systems and technologies that will carry us into the future.

Our extensive experience with enterprise-wide program management and execution of high-consequence acquisitions and investments make us a strong partner for government agencies, automakers, and aviation officials. We use advanced analytics, innovative technology, and systems engineering to help improve operations for air and surface transportation while also reducing risk on the environment. Together with our clients we are helping to ease congestion, improve safety and reliability, and increase efficiency for air, surface, and mass transit systems.
**CLIENT: USDOT**

**UNITED STATES DEPARTMENT OF TRANSPORTATION**

**Challenge:** Executing Technical Support for the Smart City Challenge, a $40 million USDOT Initiative

**Solution:** Noblis helped articulate the vision of the Beyond Traffic: Smart City Challenge by authoring two notice of funding opportunities, providing technical support for workshops and information sessions, and supporting the procurement process. Columbus, OH was chosen as the winner of the challenge, and will receive up to $40 million from USDOT to supplement the $100 million the city already raised to carry out its smart city plan. Moving forward, Noblis will work with the USDOT to provide program management, systems engineering, data management, knowledge and technology transfer, and other technical support services to Columbus as they deploy their smart city solution.

**CLIENT: USDOT**

**UNITED STATES DEPARTMENT OF TRANSPORTATION**

**Challenge:** Accelerating Deployment of Connected Vehicle Technology

**Solution:** Noblis coordinated and facilitated a rapid concept development activity for three early deployer sites, integrating performance management, and reducing risk prior to installation and operation phases. Our contributions included program design, procurement planning, coordinated technical assistance, and more than 20 webinars/events on a variety of crosscutting topics.

**CLIENT: FAA CLOUD SERVICES**

**FEDERAL AVIATION ADMINISTRATION**

**Challenge:** Enabling the FAA Transition to Cloud Computing

**Solution:** Noblis is delivering cloud assessment, security, engineering, and programmatic expertise to facilitate the FAA’s successful transition to a cloud computing environment. Noblis expertise supports the FAA’s deployment and management of an enterprise solution for cloud computing, enabling enhanced provisioning speed, flexibility, and scalability of computing resources.

**CLIENT: FAA EES**

**FEDERAL AVIATION ADMINISTRATION ENTERPRISE ENGINEERING SERVICES**

**Challenge:** Creating Innovative Solutions for the FAA and NextGen Enabling Programs

**Solution:** Noblis works in a collaborative environment with agency and industry partners to provide lifecycle engineering and technical support services to the FAA and NextGen Enabling Programs. Our expertise supports the knowledge transfer of the latest technologies, methods, approaches, and products that will lead to new, innovative solutions and best practices as the FAA moves into the next era of transportation.
TRANSFORMING AND MODERNIZING FEDERAL OPERATIONS AND INFRASTRUCTURE

As today's technologies and systems transition into legacy systems, government agencies are faced with the imperative to modernize infrastructure, streamline business processes and maximize the impact of purchases. In addition, government regulations need for transparency and cost consciousness creates more strategic challenges.

Noblis is ready to meet these challenges. We apply specialized expertise and best practices to help our clients develop strategies to architect, acquire, deploy, and manage key technology-based resources within their enterprise operations. Our variety of support services and innovative set of tools help clients make better-informed decisions, and become more agile and cost effective, all while adapting to evolving technology.
CLIENT: NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Challenge: Completing Ground Segment Project (GSP) Design and Development Phases for The Geospatial Operational Environmental Satellite - R Series (GOES-R) Program

Solution: Noblis leveraged extensive systems engineering, atmospheric science, and radio frequency expertise to help ensure successful development of the NOAA GOES-R satellite program in a constrained fiscal environment. With assistance from Noblis experts, techniques, and tools, NOAA is able to transition to a new ground system, develop a method for incorporating new science products from NOAA and non-NOAA sources, and avoid over $10 million in additional development costs.

CLIENT: SSA
SOCIAL SECURITY ADMINISTRATION

Challenge: Establishing an Advanced Data Analytics Lab (ADAL)

Solution: Noblis developed a series of models to help identify the skill sets, lab processes, and tool sets needed to effectively govern and run the ADAL. Noblis then assisted lab management in developing initial big data analytics tests and visualization experiments.

CLIENT: USCB
THE UNITED STATES CENSUS BUREAU

Challenge: Creating Cost-Efficient Cloud Services for the 2020 Decennial Census

Solution: Noblis developed the Census cloud strategy roadmap and supported the agency’s design, acquisition, and implementation of the suite of cloud services required for the 2020 Decennial Census. Noblis also planned and supported the acquisition of the primary Decennial online support services contractor.

CLIENT: GSA FAS NSP
GENERAL SERVICES ADMINISTRATION FEDERAL ACQUISITION SERVICE OFFICE OF NETWORK SERVICES PROGRAMS

Challenge: Achieving Operational Efficiencies While Reducing the Cost of Telecommunications

Solution: Noblis leveraged extensive subject matter expertise to steady the operations of the Network Services Operations (NS OPS) program and deliver ongoing "world-class" analytics products such as agency cost savings dashboards. Noblis also transformed the GSA Network Services Programs Hosting Center into a primary information source for government telecom assets. These developments help give GSA insight into their core networks and operations, and demonstrate savings to their customers.
WORKING ACROSS BOUNDARIES TO TRANSFORM HEALTHCARE

Healthcare reform, new legislation, and intense political debate are changing the way America views healthcare. Evolving technologies and the constant demand for available information poses significant challenges for healthcare organizations, especially as they face ever-changing standards and an increased risk of cyber threats.

Our nation has a vital need for new technologies and processes that will modernize and transform our healthcare system. Noblis is partnering with the federal government and private health organizations to create new perspectives, models, policies, and processes. By combining strategy and technology with innovative, forward-thinking approaches, we are helping clients improve healthcare quality, increase access to care, and reduce costs.
**CLIENT: CMS**
**CENTERS FOR MEDICARE & MEDICAID SERVICES**

**Challenge:** Implementing the International Classification of Diseases 10th Revision (ICD-10)

**Solution:** Noblis’ support to ICD-10 implementation included creating effective frameworks in policy analysis and risk management, architecture and data modeling, stakeholder understanding and alignment, and what-if modeling/analysis that ensure accountability and promote consistent action as well as enhanced transparency.

**CLIENT: CMS**
**CENTERS FOR MEDICARE & MEDICAID SERVICES**

**Challenge:** Synthesizing Data to Deploy the Health Insurance Marketplace

**Solution:** Noblis implemented a canonical data modeling (CDM) technique that allowed for 300 data exchanges and helped CMS build a sophisticated, five domain reference model for future exchanges, all while reducing the agency’s data modelling costs by 50 percent.

**CLIENT: MHS**
**MILITARY HEALTH SYSTEM**

**Challenge:** Developing the Capital Investment Decision Model (CIDM) to Guide Investment Decisions

**Solution:** Noblis collaborated with MHS staff to create a CIDM that uses a criteria-based decision support process to guide investment decisions and ensure that funded facility capital investments are aligned with the health system’s highest priorities and strategic goals. This model has been used across numerous major capital investment cycles to prioritize and justify over $5 billion in investment since 2008.

**CLIENT: DCOE**
**DEFENSE CENTER OF EXCELLENCE**

**Challenge:** Establishing the DCoE’s Capabilities in Psychological Health and Traumatic Brain Injury (PH/TBI) Prevention and Care

**Solution:** Noblis helped establish the DCoE through acquisition strategy and business planning support, and today remains an advisor to the agency as it works towards its journey to full operating capability.
As technology expands, protecting our nation becomes increasingly complex. Federal agencies, law enforcement, and the intelligence community (IC) are facing unprecedented demands to identify potential threats, evaluate risks, and rapidly respond to unforeseen events. At Noblis, we know that innovation and agility are the keys to safeguarding our future. That is why we use cross-discipline teams who can merge the best of cyber and information security, knowledge management, science, and biometrics to meet our client’s changing needs and advance our nation’s security priorities.

Noblis experts are on the leading edge of critical technologies and research. We are developing innovative approaches to client problems that move rapidly from lab to field. We tackle the difficult problems that lie at the intersection of missions, domains, and agencies.
CLIENT: U.S. GOVERNMENT

Challenge: Protecting our Networks and Machines from Threat and Cyber Attack

Solution: 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.

CLIENT: DHS S&T

DEPARTMENT OF HOMELAND SECURITY, SCIENCE & TECHNOLOGY DIRECTORATE

Challenge: Delivering Effective and Innovative Chemical Biological, Radiological, Nuclear, and Explosives (CBRNE) Technologies to the Homeland Security Enterprise (HSE)

Solution: Noblis is supporting DHS R&D programs by leveraging CBRNE subject matter experts to provide technical expertise across the enterprise. Noblis is also managing research from development through transition for the department’s operational components, headquarters offices, and the nation’s first responders. This includes leveraging law enforcement subject matter expertise to disseminate DHS S&T-developed impact programming to operation centers in advance of the 2017 presidential inauguration.

CLIENT: U.S. GOVERNMENT AND LAW ENFORCEMENT

Challenge: Performing Cyber Threat Analysis for National Security

Solution: Noblis and Noblis NSP are helping support the missions of the U.S. government and law enforcement by leveraging all-source cyber threat analysis, linguistic support, and graphical expertise to improve the quality of law enforcement products. We also support cyber threat and incident reporting to combat future cyber-attacks by sharing timely, relevant, and accurate information to network defenders across the nation.

CLIENT: ODNI IARPA JANUS PROGRAM

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE INTELLIGENCE ADVANCED RESEARCH PROGRAM ACTIVITY

Challenge: Develop Tools and Techniques to Significantly Improve the Performance of Face Recognition on Unconstrained Video and Photos

Solution: Today’s automated tools can only assist intelligence analysts in identifying individuals of interest from frontal facial photos. Janus seeks to develop new capabilities to support analysts working with less ideal imagery. Noblis is supporting the Janus Program through testing and evaluation (T&E) of new tools and techniques. In conjunction with the National Institute of Standards and Technology (NIST), we are responsible for all phases of T&E planning, data collection, management, and analysis.
Noblis stands at the forefront of environmental planning and policy making. We are committed to promoting sustainable and resilient mission effectiveness through innovative science, technology, and strategy.

Noblis has proven expertise in science, technology and regulatory processes, which helps our clients prepare for and mitigate the impact of climate change, improve resource efficiency, reduce costs and environmental impacts, and improve mission effectiveness. Our experts design and conduct rigorous technical assessments and evaluations in a comprehensive policy, regulatory, and technical framework. As a result, our recommendations are actionable, implementable, and enhance sustainable performance.
CLIENT: AFCEC RPMO
AIR FORCE CIVIL ENGINEER CENTER RESTORATION PROGRAM MANAGEMENT OFFICE
Challenge: Ensuring Performance Based Remediation (PBR) Performance Objectives
Solution: Noblis developed processes and tools to facilitate more effective and efficient PBR post-award surveillance. These advancements resulted in greater understanding of remediation progress for the Air Force, and allowed them to identify and implement appropriate corrective opportunities that further the mission of the RPMO.

CLIENT: AFCEC ENVIRONMENTAL RESTORATION TECHNICAL SUPPORT BRANCH
AIR FORCE CIVIL ENGINEER CENTER
Challenge: Evaluating Site Conditions at Kirkland Air Force Base Bulk Fuel Facility and Developing Remedial Approaches
Solution: Using our expertise in scientific and engineering methods, Noblis supported the implementation of an accelerated remedial program that led to expedited achievement of site cleanup goals, dramatically reduced lifecycle costs, and improved stakeholder and public trust in the Air Force.

CLIENT: DOD SERDP/ESTCP
DEPARTMENT OF DEFENSE OFFICE OF THE SECRETARY OF DEFENSE’S STRATEGIC ENVIRONMENTAL RESEARCH AND DEVELOPMENT PROGRAM AND ENVIRONMENTAL SECURITY TECHNOLOGY CERTIFICATION PROGRAM
Challenge: Removing More Than 90 Percent of Cadmium and Hexavalent Chromium at DoD Sites
Solution: Noblis developed strategy objectives, metrics, and a future success path to meet the 90 percent reduction goal. This included developing site-specific implementation plans at three military installations that were consistent with the DoD’s overall strategic sustainability vision.

CLIENT: DOD SERDP/ESTCP
DEPARTMENT OF DEFENSE OFFICE OF THE SECRETARY OF DEFENSE’S STRATEGIC ENVIRONMENTAL RESEARCH AND DEVELOPMENT PROGRAM AND ENVIRONMENTAL SECURITY TECHNOLOGY CERTIFICATION PROGRAM
Challenge: Determining Sea Level Rise Impacts for Over 1200 Coastal DoD Sites
Solution: Noblis developed a tool that is able to provide sea level rise data for DoD planners, logisticians, and strategists for three time horizons out to the year 2100. Now, the tool is in use by all three military services as they consider the future impacts of climate change and sea level on built coastal infrastructure.
Federal agencies and the IC are facing significant counterterrorism and national security challenges as technologies evolve. Sophisticated cyber actors are utilizing these new technologies, putting our nation’s critical networks and infrastructure in constant threat of malicious attack.

At Noblis NSP, we understand these ever-present threats. We are committed to helping our IC, DoD, homeland security, and law enforcement clients ensure our nation’s security. We leverage our leading edge cyber threat expertise, knowledge of mission, advanced capabilities and proven processes, and combine it with highly efficient technical development to create integrated solutions for our clients. Together, we are identifying, pursuing, and defeating cyber adversaries to keep our nation safe.

**CLIENT: U.S. GOVERNMENT**

**Challenge:** Enabling Advanced Analytics for the IC

**Solution:** Noblis NSP’s Special Intelligence Programs team is laying the foundation for advanced analytics with large-scale data ingestion and data management efforts for multiple IC customers. We collect, organize, and fuse data streams to provide advanced analytics applications for the IC, including the development and engineering expertise needed to integrate that support.

**CLIENT: NSA CTF**

**National Security Agency Cyber Task Force**

**Challenge:** Integrating All-National Cybersecurity Policy and Strategy for Leadership

**Solution:** Noblis NSP helps advance the CTF by providing subject matter expertise that can be integrated with other government, industry, and academia insights to form strong policy and strategy recommendations for NSA leadership. By working on this task force with other agency and industry partners, Noblis NSP is helping to ensure significant cybersecurity initiatives are formulated using the most strategic insights possible.
As technology changes, government agencies and the IC are faced with the crucial challenge to modernize. As a result, infrastructure and architecture must be optimized and transformed to create the solutions that move missions forward. At the same time, the need to incorporate data-driven decision making and cloud migration into existing processes must be met to improve the efficiency, accuracy, and cost-effectiveness of critical space to ground missions.

At Noblis ESI, we are meeting these challenges head on. We strive for excellence in everything we do to deliver the future to our clients. This means offering outstanding service while also helping clients maximize the value of their investments. Whether we are engineering mission-critical ground support systems, delivering performance-enhancing architecture solutions, or helping procure next-generation technology, our technology solutions are driving enterprise transformation.

**CLIENT: AF-DCGS**

*AIR FORCE DISTRIBUTED COMMON GROUND SYSTEM*

**Challenge:** Transforming into a Modern, Timely, and Responsive Acquisition System

**Solution:** Noblis ESI ground system experts rapidly applied agile software development methods for faster delivery, deployed proven industry models for IT service management, and applied collaborative engineering and architecture experience. This allowed AF-DCGS to affordably re-establish the technical baseline, move forward with service oriented open-architecture approaches, and ease support and integration.

**CLIENT: U.S. GOVERNMENT**

**Challenge:** Integrating Existing and Future Systems with Cloud Computing Technology

**Solution:** Our thought leaders in IC Information Technology Enterprise (IC ITE) and Federal Risk and Authorization Management Program (FedRAMP) are merging government tradecraft with technology, from application consolidation and big data analytics, to elastic data services and integrated security infrastructures. This expertise is helping our clients integrate operational capabilities effectively.

**CLIENT: U.S. GOVERNMENT**

**Challenge:** Modernizing and Expanding Ground Network Architecture

**Solution:** Our teams are helping clients modernize and expand ground network architecture by updating the CubeSat rideshare selection process, and supporting the coordination of CubeSat rideshares.
Through our Centers of Excellence we collaborate across our organization to apply the best expertise and solutions to our clients’ most critical missions.

**SUSTAINABILITY AND RESILIENT INFRASTRUCTURE**

_Lead Expert: Bob Wassmann_

Promoting sustainable and resilient mission effectiveness through strategically evaluating, planning, and implementing programs to improve processes and practices, and maximize efficiencies.

- Vulnerability and risk assessment
- Lifecycle analysis
- Infrastructure planning
- Technology evaluation and testing
- Policy and strategy development
- Technology assessment and transfer

**ACQUISITION**

_Lead Expert: Bill Morris_

Employing end-to-end support and a world-class suite of tools to help agencies manage acquisitions of all sizes, at all phases of the lifecycle including: strategy and planning, solicitation and development, evaluation, and implementation. We are committed to bridging the gap between program offices, contracting officers, and industry to reduce risk and create value for our government clients. We have deep domain expertise in the following areas:

- Environmental sustainability
- Transportation
- Healthcare
- Enterprise transformation
- National security and intelligence
- Information technology and telecommunications

**CENTER OF DIGITAL EXCELLENCE (CODE)**

_Lead Expert: Nick Bartlow, Ph.D._

Delivering innovative digital solutions to clients on an enterprise scale through integration, collaboration, and automation.

- Mobile and connective applications
- Software development
- User experience design
- Modeling and simulation
- Data visualization
- Continuous integration/continuous delivery

**DATA ANALYTICS**

_Lead Expert: Sterling Thomas, Ph.D._

Developing essential insights into the emerging technologies that harness the power of big data through client work and our internally sponsored research and development program.

- High performance computing
- Advanced analytics
- Data management
- Domain expertise
- Algorithms
**CYBER**

*Lead Expert: Matt Monaco*

Working with U.S. federal law enforcement, the IC, and defense agencies to provide deep cyber technical expertise and innovative tradecraft and tools. Our integrated set of services, capabilities, and tools allow us to deliver solutions that best serve our clients’ needs.

- Cyber targeting
- Cyber data informatics
- Cryptanalysis
- All-source analysis
- Cyber policy development and analysis

**ECONOMIC ANALYTICS FOR DECISION SUPPORT (EADS)**

*Lead Expert: T.C. Folkedal*

Helping clients make sense of the convergence of technology, resources, budget, and cost to recognize value, mitigate risk, plan efficiency, and drive performance across the government enterprise. EADS goes beyond traditional financial analytics to help decision makers understand the potential value and lifecycle cost of an investment for a mission portfolio.

- Acquisition evaluation
- Cost control and recovery
- Investment mission valuation
- Portfolio management

**TELECOMMUNICATIONS AND NETWORKING**

*Lead Experts: Jim Soltys, Ph.D. and Hugo Bonuccelli*

Helping clients develop the strategies to architect, acquire, deploy, and manage the right technology and telecommunications infrastructures for their customer service missions through established best practices, expertise, and our internally sponsored research and development program.

- Government enterprise network planning, acquisition, and transition
- High capacity/high resilience networks
- Telecom transformation and IP network convergence
- Government telecom pricing and analytics
- Network security and information assurance
- Next generation wireless and satellite communications
- Cloud and network integration and economics
- Call center technology
- Software defined networking and network functions virtualization
The Noblis Sponsored Research (NSR) program is a vital and essential part of corporate life at Noblis. Noblis research is the forward thinking seed that generates not only larger corporate work programs and roles, but also sound, sustainable solutions with enduring impacts.

Our NSR projects enable us to create new intellectual capital and capabilities and to develop new thinking and models that will help us solve critical problems that our clients will face in the future. Noblis research allows us to expand staff capabilities and also provides an interesting outlet for the creative and inventive spirit found throughout Noblis. By investing in Noblis research, we are investing in our future.
Noblis designed, built, and evaluated virtual networks against existing operational metrics and gained the ability to consider alternatives based on network needs. This project enables clients to explore architectural trade-offs between technology combinations by creating a test bed which legitimizes solutions that move from theory to practical validation and finally to acquisition readiness.

Noblis obtained a dataset drawn from a number of sources, including patient claims data. We used analytics to develop a data-driven approach to risk assessment for the general population. The project developed methodologies for quantifying risk and tested the statistical significance of the methodologies to ensure effectiveness.

Noblis invented methods and tools to match a single detected face image against a 100 million-image database in one second. Our graphical analytics capabilities were then applied to produce large social networks of face image relationships from a large-scale set of photographs with multiple face images. Our research was initiated in response to challenges such as the post-Boston marathon bombing investigation.

Noblis developed a sustainability analysis tool called AcquLCA to help DoD meet new acquisition lifecycle sustainability requirements. The tool performs streamlined lifecycle assessments crucial for creating well-researched, well-planned, and sustainable systems.

Noblis built an open-source development framework that enables the rapid and simultaneous development of cloud-based, native applications for multiple platforms. The framework has been used to develop and field client and Noblis applications in record time.
Noblis’ longstanding commitment to sound financial management practices focuses on providing effective internal controls, streamlined work processes, and reliable financial information to support timely management decisions. The members of our management team, the many dedicated people throughout our organization, and our Board of Trustees are committed to our financial stability. The following summary of financial information was extracted from the audited financial statements of Noblis, Inc. Requests for printed copies or questions and comments regarding this information may be addressed to Mark A. Simione, Senior Vice President, Chief Financial and Administrative Officer, and Treasurer, 2002 Edmund Halley Drive, Reston, VA 20191.

Noblis partners with clients in a journey that begins with strategic insight and innovation and results in enduring impacts. Noblis appreciates the trust our clients place in us. We are proud to say that more than 31 government agencies and more than 169 private healthcare organizations turn to us for help in solving their most complex problems. Working in partnership with clients in the public and private sectors, we are tackling complex issues such as global climate change, transportation, healthcare, and protection from threats to liberty and freedom. By leveraging our unsurpassed breadth of industry, domain, and functional expertise, we help clients frame their key strategic issues and translate their visions into actionable plans.

“Noblis is proactive and forward thinking. Their fresh and innovative ideas have been a breath of fresh air.”

- Government Client, Transportation

“Noblis always seems to have the answer and it is grounded in both business management and technical expertise.”

- Government Client, National Security and Intelligence

FY13 ended on 9/29/13, FY14 ended on 9/30/14, FY15 ended on 9/30/15, and FY16 ended on 9/30/16.
BOARD OF TRUSTEES

The Honorable Marion C. Blakey
Chairman, Noblis Board of Trustees
President & Chief Executive Officer, Rolls-Royce
North America

Amr A. ElSawy
President and Chief Executive Officer,
Noblis, Inc.

Letitia A. Long
Former Director, National Geospatial-Intelligence
Agency (NGA)

Frances M. Murphy, M.D., M.P.H.
Healthcare Consultant
Adjunct Associate Professor of Neurology, Uniformed Services University
Former Under Secretary for Health, U.S. Department of Veterans Affairs
Served 2008-2016

Lydia W. Thomas, Ph.D.
Former President and Chief Executive Officer,
Noblis, Inc.

The Honorable Michael Chertoff
Vice Chairman, Noblis Board of Trustees
Co-founder and Managing Principal, The Chertoff Group
Former Secretary, U.S. Department of Homeland Security

James P. Allen
Director, Audit Committee Chairman, and Compensation
Committee member, NCI, Inc.

The Honorable John E. McLaughlin
Senior Research Fellow, Paul H. Nitze School of
Advanced International Studies, Johns Hopkins University

Mark A. Simione
Senior Vice President, Chief Financial and Administrative Officer,
and Treasurer, Noblis, Inc.

David R. Shedd
Former Acting Director, Defense Intelligence Agency
Elected 2016

Noblis was recognized as a 2020 Women on Boards Winning “W” Company
for 2013 and 2014. Winning companies recognize the importance of board diversity
and have 20 percent or more women on their board of directors.

NOBLIS LEADERSHIP

Amr A. ElSawy
President and Chief Executive Officer
Member, Board of Trustees

L. Roger Mason, Jr., Ph.D.
Senior Vice President, National Security and Intelligence

Jean M. Cain
Vice President and Chief Human Resources Officer

Gary Sladic
Vice President, Finance and Accounting

Mark A. Simione
Senior Vice President, Chief Financial and Administrative Officer, and Treasurer
Member, Board of Trustees

Mile Corrigan
Vice President, Transportation and Telecommunications

Rick DuBois
Vice President, Business Administration

Lauren McGinley
Vice President, General Counsel and Secretary, Chief Ethics and Compliance Officer

Pat Broshey
Vice President, Business Development and Marketing

Gail Hogan
Vice President, Chief Information Officer
AWARDS & RECOGNITION

As proof of our dedication to quality, we elected to become International Organization for Standardization (ISO) 9001:2008 certified. After undergoing a rigorous audit, we were granted ISO 9001:2008 certification by NQA, an ISO certification body. Earning this certification is one of the many ways we demonstrate the sound business and quality practices that permeate our organization.

In 2015, we were appraised at Level 3 of the CMMI Institute’s Capability Maturity Model Integration (CMMI®). CMMI® is a framework to help organizations build and manage performance improvement systems that fit their unique environments. This appraisal fits nicely with our overall focus on organizational excellence and continuous quality improvement as an ISO 9001 registered organization. Our goal in gaining this was to validate the level of excellence in our performance and the rigorous work processes that we know our clients expect from Noblis.

Noblis is dedicated to being an ethical company. We have won the Ethisphere Institute’s World’s Most Ethical Companies award six times. This award honors “real and sustained ethical leadership” and companies that “truly go beyond making statements about doing business ethically and translate those words into action.” We have also been a recipient of the National Capital Business Area Ethics Award.

We have numerous wins from the Great Place to Work Institute and have also made Glassdoor’s list of “The 50 Best Medium-Sized Companies to Work For.” We have been ranked on The Washington Post’s list of Top Workplaces three times in a row—most recently at #5 overall and the highest ranked government contracting company for 2016. We value these awards and rankings because they reinforce the importance of having a corporate culture that challenges and motivates our employees to do their best every day.

At Noblis, we strive for excellence in everything. This means delivering outstanding value through extraordinary services and solutions. One way that we gauge our success is by surveying our clients through an independent third-party research company. Our client surveys continue to show that we are exceeding industry benchmarks for client satisfaction. As a company dedicated to serving in the public interest, receiving high marks for client satisfaction is the most meaningful reward of all.
COMPANY AWARDS AND RECOGNITIONS

Noblis appraised at Level 3 of the CMMI Institute’s Capability Maturity Model Integration (CMMI®) (2015).

Noblis named one of the Best Medium-Sized Companies to Work for by Glassdoor (2014).

Noblis named one of the “World’s Most Ethical Companies” by Ethisphere Institute for the sixth time (2014).

Noblis named finalist for SECAF’s Small Business Partner of the Year Award (2016).

Noblis named as finalist for Contractor of the Year for the 12th Annual Greater Washington Government Contractor Awards™, and Noblis President and CEO, Amr ElSawy, named a finalist for CEO of the Year (2014).

Noblis received a Corporate Growth Award from the National Capital chapter of the Association for Corporate Growth (ACG) (2014).

Noblis named one of the Top 100 Technology Companies by Washington Technology (2016, 2014).


INDIVIDUAL RECOGNITIONS

Noblis Chief Technology Officer (CTO), H. Gilbert Miller Ph.D., recognized as one of the Trending 40 CIOs and CTOs in the Washington, DC metropolitan area (2015).

Noblis NSP President, Ellen McCarthy joins WashingtonExecs esteemed list of Top 30 Executives to Watch (2016).

Noblis President and CEO, Amr ElSawy, and Noblis Senior Vice President of National Security and Intelligence, L. Roger Mason, Jr., Ph.D., selected to Executive Mosaic’s annual Wash100 list (2016).

Noblis Senior Vice President, National Security and Intelligence, L. Roger Mason, Jr., Ph.D. named to Executive Mosaic’s Wash100 list (2015).

BOARD APPOINTMENTS

Amr ElSawy, Noblis President and CEO, named as a member of the board of directors for George Washington University (2016).

Amr ElSawy, Noblis President and CEO, named as a member of the board of directors for the Northern Virginia Technology Council (2015).


L. Roger Mason, Jr., Ph.D., Noblis Senior Vice President, National Security and Intelligence, named as a member of the board of directors for the Intelligence and National Security Alliance (2015).

L. Roger Mason, Jr., Ph.D., Noblis Senior Vice President, National Security and Intelligence, named to the Office of the Director of National Intelligence (ODNI) Intelligence Community Studies Board (2016).

L. Roger Mason, Jr., Ph.D., Noblis Senior Vice President, National Security and Intelligence, named to the United States Geospatial Intelligence Foundation (USGIF) Board of Directors (2016).

PATENTS


Michelle Snow and John Leigh, Ph.D. et.al.: Patent Number 8,700,488 for Flexible Data Store for Implementing a Streamlined Acquisition Process

Nick Bartlow, Ph.D. and Zachary L. Hutzell: Patent Number 9,092,224 for method and Systems to Automatically Enforce a Hybrid Branching Strategy

Noblis: Patent Number 9,405,965 for Vector-based Face Recognition Algorithm and Image Search System

Victor Polliara: Patent Number 9,177,051 for Method and System for Personal Information Extraction and Modeling with Fully Generalized Extraction Contexts
Noblis at Work: Learning, Growing, and Sharing

Promoting Growth Through Education

Noblis views education and learning as lifelong pursuits. Encouraging staff to pursue their passions and grow in ways that are personally and professionally rewarding helps us maintain and foster a rich culture of innovation. We provide a wide range of programs that enable employees to discover and develop their talents and enhance their personal growth and careers.

We continued to implement our Career Progression Roadmap to guide employees through professional development at all stages of their careers. We strengthened our Leadership Development program and our Program Manager Training programs and encouraged staff to earn professional accreditation and certifications. These programs have been enthusiastically embraced as evidenced by the high number of staff who have received their Project Management Professional certifications; technology, health, security, and environmental certifications; and professional degrees over the last few years.

Learning from Experts, Innovators, and Leaders

Our popular Technology Tuesdays speaker series continues to ignite the imaginations of our staff. Several times each month, Noblis invites noted authors and experts to speak onsite. This informal learning opportunity helps employees expand their knowledge as they explore emerging science, technology, and management topics and best practices.

We created cybersecurity and data analytics cohort programs to help address some of our client’s toughest challenges. These cohorts give Noblis staff the opportunity to develop professionally, and participate in a balanced academic and hands-on learning program. This includes academic certification, mentorship, and access to Noblis technology resources for a final project.

Investing in Our People and Our Future

Noblis strives to be a talent magnet—attracting the best and the brightest to help us continue our work as an innovative company producing enduring impacts. We do this by providing an opportunity-rich environment where our employees can learn, share, grow, and ultimately, excel.

By investing in our people, we are ensuring our strength and viability as a corporation, promoting professional growth for our employees, and building the capabilities we need to better serve our clients and our nation.
Noblis demonstrates its strong spirit of collaboration and commitment to serve the public by participating in or contributing to organizations that strengthen the communities in which Noblis live and work.

Corporately, we honor this commitment by partnering with and funding academic institutions that inspire youth to embrace science, technology, engineering, and math (STEM). Each summer we bring 50 students from the best colleges and universities across the country to Noblis to participate in our award-winning internship program. We helped expose minority students to science and technology through weather camp with Howard University and NOAA, and partnered with the Danville Public School system to develop the Passport Project, a rigorous academic and career plan.

Noblis is also dedicated to improving the lives of veterans. Our staff developed a cloud-based navigation platform called PATRIOTLink, which strategically populates veteran support resources for the Code of Support Foundation (COSF) and their veteran case coordinators. We also collect suits for military Veterans transitioning to the private sector.

Each year we lend significant support to programs whose missions are to eliminate hunger and homelessness, promote education and learning, and improve the lives of others. Company-sponsored activities range from preparing meals for local shelters, mentoring students, conducting school supply drives, and participating in awareness and fundraising events for organizations like the National Multiple Sclerosis Society and the American Heart Association.
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Bridgeport, WV 26330
WE WOULD LIKE TO THANK OUR CLIENTS—BOTH PAST AND PRESENT—for choosing Noblis to support their critical missions and for giving us the opportunity to help them achieve great things for our nation and its citizens.

DEPARTMENT OF COMMERCE DEPARTMENT OF DEFENSE DEPARTMENT OF THE AIR FORCE
HEALTH AND HUMAN SERVICES DEPARTMENT OF HOMELAND SECURITY DEPARTMENT OF JUSTICE
DEPARTMENT OF LABOR DEPARTMENT OF STATE DEPARTMENT OF TRANSPORTATION DEPARTMENT
OF THE TREASURY DEFENSE HEALTH AGENCY DEFENSE CENTERS OF EXCELLENCE FEDERAL
AVIATION ADMINISTRATION GENERAL SERVICES ADMINISTRATION INTELLIGENCE COMMUNITY
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SECURITIES AND EXCHANGE COMMISSION
SOCIAL SECURITY ADMINISTRATION UNITED STATES POSTAL SERVICE

THANK YOU TO OUR EMPLOYEES WHO HAVE BEEN WITH US FROM THE VERY BEGINNING!

JOYCE WOLFE PAULA WRIGHT CHERYL COLE MARY BEVARD MARK SIMIONE LINDA MYKIETYN
DENISE MURPHY CARL KAIN DALE CONLON DIANA SMITH CAROLYN ELLIS NEIL SYLVESTRE RICK
DIMASSIMO JODIE HARRIS BILL FRANKLIN RAYMOND KOMAJDA CARTER CRAFFORD CHET LUND
MIKE MCGUURIN JOYCE FOSTER DENNA MORGAN DAVID ROBERTS SURINDER JUNEJA CLAUDIA BURY
PETER WOOLNER DON D’AMATO LESLIE MCCLAFFERTY BRENDA BRYANT JULIE DEVALL SCOTT NAINIS
MONETTE RESPRESS BUDDY WALSER ROBERT FULTON, JR. GEORGE KIEBUZINSKI RAJ KHANNA KEITH
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