FOCUSING OUR STRENGTHS
ON CUSTOMER MISSIONS

ENSCO

ENSCO

Since its inception, ENSCO has pushed the boundaries of technology, finding ways to innovate, expand and apply technology for the purpose of customer success.

Our strength comes from not only intimate knowledge of customer needs, but also the depth of our expertise and breadth of our capabilities. When they come together with singular focus—our customer missions—we make the impossible, possible.

ENSCO, Inc. and its wholly owned subsidiaries represent a $140 million international technology enterprise, headquartered near Washington, D.C. For almost 50 years, the ENSCO group of companies has been providing engineering, science and advanced technology solutions that guarantee mission success, safety and security to governments and private industries worldwide. ENSCO operates in the defense, transportation, aerospace and intelligence sectors. Field offices and subsidiaries, representatives and partnerships are located throughout the United States and the world.

MISSION
ENSCO cultivates the ideas of our employees and customers, delivering leading-edge research, development, products, and services in the aerospace, avionics, national security, and rail markets.
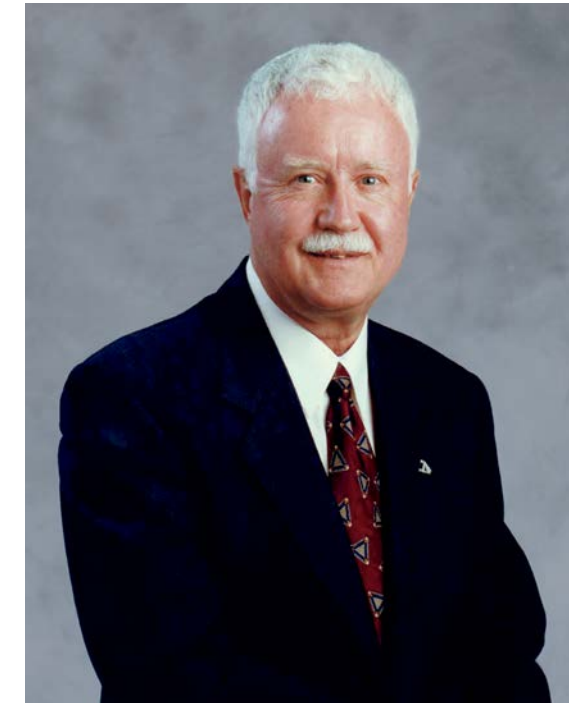
We foster top science and engineering talent, creating an environment where employees can tackle our customers' problems in creative and unique ways.

VISION
To create and apply advanced, emerging technologies to make the impossible, possible.

RESEARCH AND DEVELOPMENT
ENGINEERING
SYSTEM INTEGRATION
PRODUCTS AND SERVICES

In Memoriam

Dr. Paul W. Broome
1932–2018

In March 1969, Dr. Broome founded ENSCO, Inc. As the Company's first President, Dr. Broome led ENSCO from a startup to a thriving enterprise, operating in multiple markets and providing technology solutions for many critical missions. He stepped down from daily operations in 1982, but maintained an active role in the Company's strategic direction and remained an influential and guiding presence in the continuing growth and success of ENSCO.

Next year, ENSCO will celebrate its 50th anniversary. From its inception, ENSCO was guided by Dr. Broome's philosophies. He was passionate about ENSCO; he contributed immeasurable time and effort to build a successful and diversified technology company.

He left a legacy that the Company will continue as it moves forward.

> " I FORMED ENSCO AS A WAY TO CONTRIBUTE TO SOLVING SOME OF THE WORLD'S PROBLEMS. I KNEW ADVANCED TECHNOLOGY COULD MAKE A DIFFERENCE. I WANTED A PLACE WHERE SELF-MOTIVATED INDIVIDUALS ENJOYED WORKING. IN THIS, IT HAS SUCCEEDED. "

—Dr. Paul W. Broome

To Our Customers, Employees and Shareholders:

As we reflect upon fiscal year 2018, we are proud of the success ENSCO achieved and the results we delivered. We are a stronger company with expanded and new capabilities that benefit our existing and future customers, provide new opportunities for our employees, and ensure better return on investment for our shareholders.

RECORD-SETTING FINANCIAL RESULTS

The year was one of record $24 million (21%) annual revenue growth, which came on top of and exceeded last year's 19.5 percent growth. With annual revenue near $140 million and increased profitability, we had the best financial year in Company history, with strong growth in nearly every one of our industry segments.

Of particular note are a new $79 million contract modification in our aerospace business, an $8 million multi-year Chemical, Biological, Radiological, Nuclear and Explosive (CBRNe) program win, growth of open source and modeling efforts in our national security business, an increase in rail inspection system deliveries worldwide, and growth of avionics display and verification work. We increased our share of prime contracts to 90 percent of our business—giving us a stronger direct connection with our customers and the opportunity to leverage technology to achieve the program objectives of our customers faster and more effectively.

INNOVATIVE TECHNOLOGY

More important than financial results, we expanded our technology capabilities and offerings and created solutions for our customers that are better and faster, as well as more innovative and efficient. In particular, we expanded our offerings in critical path technology areas, including machine learning and advanced data analytics (critical to advances in artificial intelligence), satellite control, machine and synthetic vision, open source data analysis, high performance computing, electronic warfare, cyber security, and autonomous systems.

We took advanced solutions developed for specific customers and generalized or productized them to provide these capabilities to broader markets, allowing us to reduce costs and lower product prices to all our customers. For example, this year, we achieved the first product sales of ENSCO Timing, Communications, and Ranging Devices, our SENTRY CBRNe monitoring system, and our Autonomous Signal Inspection System.

We also brought ENSCO unique technology and capabilities to meet adjacent market needs. Among other achievements, we applied our data analytics expertise from our National Security Solutions Division to find early indications of possible rail derailments for our worldwide rail customers, and applied our safety-critical system expertise from ENSCO Avionics to safety analysis of positive train control solutions for the U.S. rail industry.

We reenergized our Internal Research and Development (IR&D) program, integrating expertise across all technology areas to bring the best of what ENSCO has to offer to our customers' programs. Our recently created ENSCO Technology Council, chaired by our Chief Strategy and Technology Officer, includes top technologists from all Company operations. The council reviews all proposed IR&D requests, recommends the projects for awards, and monitors progress. In 2018, we increased our IR&D investments, had a record 22 active IR&D projects, 22 published papers, and five patent applications, all contributing to leveraging our technology to meet the challenges of our customers' programs and future needs.

This year, we also created five Communities of Interest in critical technology areas of high importance to our customers: cyber, machine learning/machine vision, advanced signal processing, autonomous systems, and web development. These forums bring together individuals from across the Company to share expertise and enthusiasm and generate new ideas and solutions for our customers.

TALENTED PEOPLE

ENSCO respects and values its employees. Our employees enjoy long, satisfying careers and turnover is below the industry average. Through annual meetings, lunch-time seminars, company-wide video calls, frequent internal news releases, a Corporate intranet, Communities of Interest, and employee activities committees, our employees are engaged, share their knowledge, and are provided an environment that encourages innovation, independent thinking, and teamwork.

We strengthened our internal training programs, which include both online and in class training. Of particular note is our annual cyber security training, which plays an important role in asset and information protection from ever-evolving physical and cyber threats. We reenergized training for employees, new managers, site administrators, and Executive leadership. In addition, many employees take advantage of the generous educational benefits from ENSCO to improve their contributions and value through individual courses and degree programs.

This year, we welcomed 126 new employees, including Robert Sanders as Vice President of ENSCO Avionics, and four new technology and application-oriented Business Development Directors to help us better engage with our customers and gain valuable insight into their challenges and needs. We also significantly expanded our college internship program with 24 interns working with us across four ENSCO offices.

We are now more than 600 people strong and continue to grow.

EFFICIENT TOOLS AND PROCESSES

We improved our internal tools and processes in order to increase efficiency and better control business risks and costs. We integrated our core finance and human resources systems and implemented a new, more efficient material management and purchasing process, eliminating double entry and achieving significant savings. A major effort this year was implementing the National Institute of Standards & Technology best practices in cyber security. Though only required for our defense business, we chose to implement it across the Company to better protect our IT infrastructure and critical and sensitive Corporate and customer information.

In summary, we invested in many internal initiatives to strengthen, integrate and streamline our infrastructure, creating an even more efficient technology company, focused on providing the best technology-based solutions for our existing and future customers.

FISCAL 2019 OUTLOOK

Our technology leadership, dedication to customer missions, and innovative and creative problem solving will continue to be the main pillars of our success. Our unique value comes not only from our deep technical expertise, but also from our ability to transfer knowledge, anticipate industry trends, and expand across the development life cycle to create the solutions that bring best value to customer missions.

Next year, we will continue to improve our technology offerings and develop new and expanded solutions for the customers and markets we serve. We will increase our IR&D investment and promote the exchange of ideas, and interdivisional cooperation and capability transfer across the Company.

Bringing new ideas and high-value solutions to solve challenging problems to aerospace, avionics, national security, and rail markets this coming year will require continued creative thinking, improved dialogue with our customers and partners, and a focus on results that significantly impact our customers' vital programs. We are dedicated to succeeding and meeting these challenges and are leading efforts that have a direct impact on results, including investing in the resources, training and tools to ensure our employees' growth and advancement.

IN CONCLUSION

Fiscal year 2018 was a record-breaking year for ENSCO, but it is only the beginning.

This annual report shows the impact we have had across all our business segments and demonstrates the progress we have made taking ideas and making them a reality. But it also points to something larger—what comes next: We have our sights set on bigger, bolder programs that demand the combined strength of all our expertise to develop and provide the optimal solutions to our customers. We will continue to focus on our vision: **To create and apply advanced, emerging technologies to make the impossible, possible.**

It is our employees who lead our success. It is their knowledge, skills, dedication, and love of challenges, along with the support of an integrated network of Company leadership, customers, business and industry partners, shareholders and families that make our success a reality.

To each of you, I offer my gratitude, and I look forward to what we will accomplish together.

Boris N.

Boris Nejikovsky
President

RESEARCH AND DEVELOPMENT

Fundamental to our technology-differentiated services and products, ENSCO research and development (R&D) is the foundation on which the Company was built, and the incubator from which many of our offerings stem.

Data-driven Risk Assessment Model Is First of Its Kind in Rail Industry

Critical to ensuring safe and efficient movement of people and assets on the more than 160,000 miles of railway track in the United States is accurately identifying segments of track likely to suffer failure that can result in derailment.

The challenge lies in early identification of problems that lead to failures and knowing when and where to schedule people or inspection equipment.

In a collaborative effort that draws on the expertise of two divisions, ENSCO is developing a more accurate and comprehensive method for determining inspection priorities based on risk factors and risk analysis. The Rail Risk Assessment Model is a predictive model that takes into account traffic type, track condition, infrastructure, structural features, and environmental factors, and accurately predicts areas of track with a high probability of failure that can increase the risk of derailment.

The history behind this solution dates back to 2016, with a research project for a predictive model that applied machine learning for predicting locations of latent track failures through analysis of millions of track geometry and temperature measurements.

A Powerful Team of Experts from Across the Company
ENSCO assembled a highly-skilled team comprised of leading experts from two operating divisions. Scientists in our national security division offered expertise in machine learning, statistics and data science, and experience applying those methods and tools to a variety of situations. Engineers and subject matter experts in our rail division provided the domain knowledge and experience in track data collection, rail degradation and track inspection operations, and an acute understanding of the needs of the rail community.

Research, Data and Testing Results in First of Its Kind Model for Rail
ENSCO experts in machine learning developed the analytics algorithms and wrote software code that trained, tested and optimized the model. Our experts in rail operations developed the underlying database and interrelationships in the data that drove the machine learning model and interpreted the model results in the context of railway track inspection.

To construct an accurate machine learning model, the team analyzed more than 26 million measurements of historical track geometry data at one-foot resolution, and then used the resulting model to assess the probability of derailment at each segment of track in the United States. It was tested on a small sample of real track data with known failure locations, where it performed well in predicting failures with high accuracy and a low false positive rate.

The result was the first data-driven risk assessment model of its kind.

Transitioning Research to Industry
The Rail Risk Assessment Model combines more relevant descriptors of track failure—at a higher level of spatial scale and resolution—than any other model currently available. Early results show the Rail Risk Assessment Model accurately pinpoints areas of track that have a high probability of future failure and could increase the risk of a derailment. This model will be transitioned for use by industry to prioritize inspection schedules based on the estimated risk of track segments throughout the United States.

Company Highlights

INNOVATIVE THINKING AND TECHNOLOGIES ADVANCE ELECTRONIC WARFARE
With the smart use of the most advanced commercial off-the-shelf (COTS) technology available, we are developing fresh electronic warfare solutions for Department of Defense (DOD) missions. Creative use of COTS hardware, electronics, software and firmware allows us to quickly prototype game-changing capabilities, at a quicker pace and lower cost than competitors, bringing innovative technologies to market to help the United States stay ahead of adversaries.

PATENT-PENDING RAIL SURFACE ASSESSMENT
As the worldwide leader in railway track inspection, we develop the most advanced technology in the marketplace for preventative maintenance planning. This year, we enhanced our high-speed, high-resolution rail surface video inspection system. This resulted in a way to quantitatively assess rail surface conditions for more effective preventative maintenance planning that mitigates the risk of broken rails.

NONTRADITIONAL DATA SOURCES FOR EVENT VALIDATION
We are one of the first companies to provide monitoring of publicly available information, such as social media, for analysis of significant world events. This ground-breaking work uses readily available information from nontraditional sources to corroborate and validate scientific data.

MODERNIZED PARALLEL COMPUTING SOFTWARE PORTFOLIO AND CAPABILITIES
With computational chemistry and modeling resources pushed to performance limits, we are using high performance computing for high priority customer problems. Our newly modernized software portfolio and novel atmospheric model allows chemistry and hyperspectral signature predictions to run in minutes or hours, rather than days or weeks.

RESPONSIVE END-TO-END SOLUTIONS FOR POSITION/NAVIGATION/TIMING
Building on our radio frequency ranging capabilities, we're using COTS equipment and working closely with strategic DOD partners to evolve our core capabilities into true end-to-end position/navigation/timing solutions. By fusing more location data sources than any competitor, we rapidly prototype and deliver robust solutions that are the most accurate and responsive on the market.

SMARTER, SAFER UNMANNED AIRCRAFT SYSTEM SWARM NAVIGATION
In a collaboration between two of our divisions, we developed the first low-cost, COTS-based prototype for Unmanned Aircraft System (UAS) swarm navigation during military missions. Our prototype provides insight into fusing the power of our IData® visualization product with our existing Positioning, Navigation and Timing (PNT) strengths.

ARTIFICIAL INTELLIGENCE FOR IMPROVED DATA COLLECTION
With unparalleled knowledge in sensor technology and signal processing, ENSCO is a leader in improving data collection to support intelligence and defense missions. Committed to constant improvement, we are applying machine learning and artificial intelligence as a way to reduce Size, Weight and Power (SWaP) in sensor platforms.

TECHNOLOGY DIFFERENTIATED SERVICES

Building upon our research and development (R&D) initiatives, ENSCO offers commercial and government customers the unique, highly-specialized and customized services their missions require.

From R&D, to System and Product Development, to Support and Enhancement Services: SENTRY CBRNe Early Warning and Detection

In 2002, ENSCO modified its seismic sensor software to produce a warning and detection system for continuous Chemical/Biological/Radiological/Nuclear/Explosive (CBRNe) monitoring to protect one of our nation's most critical infrastructures.

The story of SENTRY's evolution—in capabilities, applications and customers—spans the entire product life cycle, from R&D to systems integration and product launch to services.

Continued Support for Our Nation's Critical Infrastructure
SENTRY is a result of pioneering research and development, a unique understanding of customer needs, and our commitment to creative capability enhancement.

Our close customer relationships have earned us continuous work for more than 16 years and help us anticipate and address evolving needs of the CBRNe protection market. Recent enhancements include adding open source maps to eliminate costly license renewals and web-based communication for cloud-based options in the future. To ensure seamless performance, we configure new sensors before they are needed, and ensure that SENTRY integrates with every major building management system in existence today.

Enhancements Through Technology and Integration Expertise
Relying on our expertise in CBRNe technology and systems engineering and integration know-how, we've adapted SENTRY for new applications.

Mobile SENTRY is being engineered to answer the need for CBRNe detection and warning for special events. This first-of-its-kind system can be used in remote locations to provide continuous, autonomous protection via wireless sensors that interface with customer-designated devices

or back to a control center. We've maximized flexibility for our customers by developing a self-powered platform that accommodates a variety of power sources and sensors.

In a separate effort, we integrated SENTRY into a rugged case for situations where protection is needed for individuals in remote locations. Easily set up, dismantled and transported, this kitted SENTRY monitors remotely from customer-specified devices and is quickly reconfigured for subsequent uses.

ENSCO is developing the DHS SenseNet system, a low-cost integrated sensor system that provides detection of biological and environmental health hazards in high-occupancy facilities. We integrated our proven software capabilities with unique detection and hardware for fast, inexpensive biological detection. SenseNet runs in a cloud-based environment for low initial and operational cost, and allows us to provide 24/7 operational monitoring services.

We maintain close relationships with industry partners, and have worked with several leading CBRNe companies to integrate our software with their products.

Commercial Product Launch
SENTRY has the potential for widespread use in many applications, including transportation and other scenarios where a terrorist may intend harm. Unlike any other CBRNe warning and detection system on the market, SENTRY is sensor agnostic and seamlessly interfaces with any available sensor.

This year, we were invited to bring SENTRY to a product test bed, where its performance will be assessed. With a successful test result, we will be placed on a preferred vendor list used for infrastructure protection and security products—a first for a CBRNe warning and detection system.

Company Highlights

RAILWAY VEHICLE/TRACK INTERACTION INTEGRATION WITH MODELING AND SIMULATION
ENSCO invested in new equipment and staff to support projects for collecting vehicle and track measurements and inputting the data into modeling and simulation software. This union of two proven technologies—track inspection, and modeling and simulation—increases accuracy in locating potential risks and improves rolling stock design, needs assessment and derailment cause investigations.

VIRTUAL TRACK INSPECTION SERVICES IMPROVE TRACK INSPECTION SAFETY
We added comprehensive video recording and inspection for freight and transit railroads to our track inspection service portfolio. ENSCO service vehicles collected several thousand miles of video data and processed it through our office-based Virtual Track Walk software package, allowing detailed inspections from the safety of an office environment.

UNMATCHED SAFETY-CRITICAL SOFTWARE DEVELOPMENT AND TEST EXPERTISE
ENSCO has a true nose-to-tail aircraft systems and subsystem understanding and experience across fixed wing aircraft, rotorcraft and Unmanned Aircraft System ground systems. Our knowledge is critical for software development, due to the high level of automation and connectivity across aircraft systems. Our customers understand the benefit of certification expertise—even before a single line of code is written. This gives us a competitive advantage in both software development and the testing and validation fields.

ADVANCES IN MODELING AND SIMULATION OF CHEMICAL THREATS AND CONTAMINANTS
Modeling and simulation has long been the cornerstone for much of our DOD support. This year, we integrated new machine learning and hyperspectral modeling techniques into our capabilities in atmospheric and computational chemistry. In doing so, we offer customers an improved ability to use existing infrastructure to detect, identify and monitor evolving compounds of interest worldwide.

MEETING THE NEEDS OF TODAY'S WARFIGHTER
We are providing DO-178 safety-critical software development, test expertise, and HMI (human machine interface) solutions for the development of fixed wing aircraft and rotorcraft for the aerospace and defense industry. These aircraft, which are integral to successful and safe military missions, will provide an unprecedented combination of range and survivability. Our support of key software activities to advance avionics software integration will enable the full range of combat rescue and special operations needed by today's warfighter.

IMPARTIAL, INDEPENDENT REVIEW OF RAIL SAFETY PLANS
Our rail and avionics divisions collaborated to evaluate Positive Train Control safety plans related to standards for signal and train control systems. The independent reviews heavily relied on our deep knowledge of safety-critical systems compliance and adherence to formal regulated standards, and our observations served as a basis for the evaluations.

SYSTEMS ENGINEERING AND INTEGRATION

Well-versed in complex systems integration, software development and engineering, ENSCO has the technical know-how and the breadth of expertise to bring together systems, software and design seamlessly.

Building on a Solid Reputation, ENSCO Expands Its Systems Engineering and Integration Expertise to Satellite Control

Historically, ENSCO has provided Systems Engineering and Integration (SE&I) support for the safety of space launches. We have earned a stellar reputation as a reliable partner for accurate, comprehensive analysis of the systems, software and processes that are critical for mission success.

Over the past three decades, we've expanded our scope, geographic reach, and role as trusted advisor within the space community. On any given day, ENSCO engineers can be found architecting, designing and testing range systems across the U.S. in an effort to modernize and sustain the launch ranges so the space industry can continue to flourish, without loss to people or property.

Applying Our Experience to Key Command and Control Elements for Space Operations

Our traditional contributions in SE&I for launch ranges and our success in building capabilities by hiring, partnering and growing our staff were key factors in winning a significant contract for the Air Force Satellite Control Network (AFSCN). This global network provides telemetry, tracking and command for Department of Defense, national and international space vehicles and requires considerable planning and scheduling to be successful, particularly as the number of satellites continues to rise exponentially.

We provide critical support to the AFSCN by applying processes and lessons learned from our support to the Launch and Test Range System (LTRS). The AFSCN is one of the most complex and essential elements necessary for successful launch, orbit and operation of space missions, whether in peace or wartime.

Deep Subject Matter Expertise

A key part of our support to the AFSCN is developing effective enterprise level systems engineering processes. We take the proven best practices we established on LTRS, and transition them to the AFSCN in an effort to improve decision making, from initial planning through testing and operational deployment.

Proven Experience, Indispensable Expertise

Similarly, we have become a trusted partner for systems integration for the AFSCN engineers, who trust us to support operational decision making and to assess performance, resolve anomalies, advise on development projects, and provide testing, cyber protection, and validation before fielding.

Our depth of knowledge of systems allows us to offer roadmaps and advise the government and make recommendations to maximize the return on investment for improvements and maintenance.

Today more than ever, space is poised to play a pivotal role in U.S. military and civilian operations. Despite our relatively small size, our expertise and comprehensive understanding of satellite control and range engineering are uncontested. Our expertise plays a critical role as AFSCN transforms itself from a satellite control platform to a resilient and agile system able to operate in a contested and congested environment; we provide the necessary insight for developing the strategies to making this transition in a non-disruptive and cyber secure manner.

Company Highlights

EXPANSION TO ENTERPRISE GROUND SYSTEMS

ENSCO infrastructure engineering and support has evolved to an enterprise ground system that manages multiple missions simultaneously. No other company has created an architecture that integrates government assets in a broader architecture for improved resiliency and security. The impact of our work is profound, with the potential to permanently alter U.S. space launch architecture moving forward.

A PIONEER IN TRACK INSPECTION SYSTEMS AND TECHNOLOGIES

We are a global leader in the construction and delivery of comprehensive railway track inspection vehicles. Often, our most demanding systems integration efforts require seamlessly bringing together more than a dozen inspection systems built on an array of sensors: accelerometers, gyros, laser profilers, cameras, thermal sensors, LIDAR, etc. As a systems integrator, we are responsible for the complex task of combining all aspects of synchronization, location referencing, communication, and reporting.

IV&V FOR THE LARGEST AND MOST EFFICIENT TWIN-ENGINE JET IN THE WORLD

The Boeing 777X will boast unparalleled efficiency and performance. A team of ENSCO experts is providing significant contributions to the design, integration and verification of flight and engine controls prior to its historic first flight in 2019.

OUR PRODUCTS

ENSCO products span all of our industry sectors and are a result of combining our rich capabilities in technology development with a keen understanding of customer and industry needs.

IData®: Expanding Capabilities to Align with Customer Needs

Beginning in the early 2000s, ENSCO built a strong reputation in the avionics industry as a reliable, trusted provider of software verification and certification. With top-notch technology and unparalleled customer service, we support seven of 10 top U.S.-based aerospace and defense suppliers and boast solid repeat business, with a 95 percent win rate among current customers.

Working alongside customers, we identified that they were not only selecting engineering services but also determining tools to use for display application development—in some cases before the services decision. We gained an appreciation for the various tool suites, product strengths, and customer needs in selecting a tool suite supplier. With strong foresight into industry trends, we recognized the potential synergy between development tools and our verification and certification strengths.

Seeing the opportunity to serve our customers' broader needs, in 2011, ENSCO Avionics acquired IData®, a software development toolkit for human-machine interface applications. With its proven bundle of application development tools and certification kits to support customer certification programs, it has provided enhanced development experiences, reduced cost, and quicker time-to-market.

Aligning IData Evolution with Industry Needs
At acquisition, the IData tool suite consisted of a 3D plug-in for non-certifiable applications and a 2D moving map. Over the past seven years, we've expanded the functionality of IData. Today, it supports ARINC 661 for commercial cockpit displays, FACE™ for military applications, and a new version of the IDataMap module for certifiable synthetic vision applications.

With avionics systems increasing in software content and the introduction of more advanced applications, we work closely with industry partners to ensure that our technology roadmap aligns with theirs. We identify new requirements early to ensure IData remains a relevant solution that seamlessly integrates with customer development environments and selected technical components.

Today, IData is the only tool suite currently on the market that supports certifiable synthetic vision applications across multiple platforms, including fixed wing, rotorcraft and UAS ground stations.

Collaborating to Reach New Markets
IData has been a key element in a number of cross-company collaborative efforts with our security and rail divisions. IData was used to create a display for tracking UAS swarms during military missions and to develop a user interface for an application that will deliver virtual signage information in a train cab for improved situational awareness.

The lessons learned through these efforts are important as we seek to apply the IData capabilities to new industries, including aerospace, defense, healthcare, industrial automation, and transportation.

Looking Toward the Future
The breadth of our verification and certification expertise, proprietary IData tool suite, and synthetic vision operational knowledge is an unmatched capability for accelerating the development of applications, including graphics and user interfaces.

We now offer not only the commercial IData product suite for application developers, but also develop applications for our customers. With increasing experience in small display application development programs, we are pursuing larger programs, including hardware consulting and integrated hardware solutions to help our customers develop the systems that drive performance, reliability and compatibility.

Product Highlights

NEW MICROSEARCH® PARTNERS, LARGEST EU ORDER IN HISTORY
Now an industry standard for detection of prison escapees and a viable deterrent to illegal entrants across international borders, MicroSearch expanded its presence in Europe via new agreements with partners and agents. This year ENSCO launched its first wireless system. We deployed 22 wireless systems worldwide and won a tender in the Czech Republic for 25 systems, the largest European Union order of MicroSearch G4 systems in Company history.

ENHANCED WEB-BASED CAPABILITIES TO MEET CUSTOMER DEMANDS
Our Simulation, Training and Recording System (STARS) is the industry standard for simulating and evaluating range instrumentation for aerospace launch and test ranges. This year, we invested in research to transition STARS to a highly-customizable and accessible web-based system capable of testing not just systems and software but also operator behavior.

VIRTUAL TRACK WALK PRODUCT EXPANSION
We've expanded the capability of our railway corridor video review and processing software so customers can inventory and locate railway infrastructure quickly and reliably. With our innovative enhancements, railways can verify infrastructure locations that are critical to Positive Train Control systems and inventory the infrastructure necessary to build asset management systems.

FIRST AUTONOMOUS SIGNAL INSPECTION SYSTEM DELIVERY
We delivered our first Autonomous Signal Inspection System to continuously monitor critical train control safety conditions. Antennas mounted on a locomotive pinpoint exact locations of degraded conditions. The data is wirelessly transmitted to a cloud-based reporting system to efficiently monitor the performance of this critical safety system.

RFID LOCATION REFERENCING INCORPORATED INTO INSPECTION SYSTEMS
With our diverse capabilities, we are uniquely positioned to transfer proven technology from one domain to another. This year we incorporated Radio Frequency Identification into automated railway inspection systems, enabling location referencing in GPS-denied areas, such as tunnels. This one-of-a-kind capability is deployed on a major U.S. transit for autonomous measurement and video inspection of track and power systems.

IN THE INDUSTRY AND IN THE COMMUNITY

INDUSTRY THOUGHT LEADERS

ENSCO's success is built on our ability to develop innovative technology-based solutions to customers' needs. This year, we continued that commitment to innovation. We actively participated and presented at numerous seminars and conferences in aerospace, avionics, national security, and rail markets. Our staff is dedicated to the role of industry leader as demonstrated by 22 technical papers and five patent applications.

ENSCO staff members belong to and contribute their knowledge and experience to industry-leading associations and organizations, serving on committees and working groups, and holding leadership and advisory positions on technical committees and boards. ENSCO subject matter experts serve as panelists and speakers, design workshops and courses, and coordinate conference educational programming.

In addition, this year, we increased our participation in trade shows and exhibits in the U.S. and abroad, where we networked with industry thought leaders and demonstrated the latest advances in our technology and solutions.

RECOGNIZING AND SUPPORTING OUR MILITARY

ENSCO has a proud history of supporting our military and its members. In our hiring practices, sponsorships and charitable causes, we actively support and give back to those that give so much.

ENSCO President Boris Nejikovsky was awarded the Service Member Patriot Award from the Employer Support of the Guard and Reserve. The Patriot Award reflects the efforts made to support citizen warriors through employment practices and benefits. We are extremely proud of what the award represents: a company culture that is supportive of the reservists and veterans who work for us.

COMMUNITY SERVICE

ENSCO believes in giving back to our community and worthy causes. Throughout the year, we participate as a Company and as individuals in hundreds of hours of community service, fundraising efforts, and philanthropy.

This year was no exception. We adopted underprivileged families for the holidays, collected toys for children, and participated in blood drives and food drives. On multiple weekends this year, ENSCO employees could be found participating in 5K races or mud runs that benefited worthy nonprofits such as the Leukemia and Lymphoma Society, the YMCA, and the Southern Tier AIDS Program.

ENSCO IS COMMITTED TO THE INDUSTRIES WE SERVE AND THE COMMUNITIES IN WHICH WE WORK. OUR EMPLOYEES ARE ACTIVELY ENGAGED IN ADVANCING TECHNOLOGY THROUGH INDUSTRY EVENTS, AND GIVING TIME AND ENERGY TO SUPPORT THEIR LOCAL COMMUNITIES.

MANAGEMENT TEAM

Boris Nejikovsky
President

Milan J. Bogdanovic
Chief Financial Officer and Treasurer

Theodore G. Freeman
Vice President Information Systems and Technology

Scott Goldstein, Ph.D.
Chief Strategy and Technology Officer

Vernon R. Joyner
Vice President National Security Solutions

Seth R. Levy
Director of Security

David Macaluso
Vice President Contracts and Procurement

Joanne McDonald
Vice President Chief Ethics Officer

Denise Perry
Vice President Human Resources

Kevin S. Pruett
Vice President Aerospace Sciences and Engineering

Robert B. Sanders
Vice President ENSCO Avionics, Inc. ENSCO Avionics Canada

Jeffrey M. Stevens
Vice President Applied Technology and Engineering ENSCO Rail, Inc. ENSCO Rail Australia Pty Ltd

BOARD OF DIRECTORS

Left to Right:

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Former Deputy Assistant Secretary of Defense

Guion S. Bluford Jr., Ph.D.
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The Aerospace Technology Group
Former NASA Astronaut

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ENSCO, Inc.

Paul W. Broome
Former ENSCO Executive Chairman of the Board, CEO and Chairman of the Board
ENSCO, Inc.

Gregory B. Young
Chairman of the Board
Former President and CEO
ENSCO, Inc.

Joanne McDonald
Corporate Secretary
ENSCO, Inc.

Scott Webster
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