

# Discover the Power of Clarity.

## NDT Global **The Promise of Insight.**

#### Our Strength of Purpose.

Driven by a passion for technology, with a steadfast purpose to achieve and preserve harmony between the interests of business and nature, NDT Global has carved out a leadership position in markets around the world as a provider of high-technology ultrasonic and non-ultrasonic inspection solutions for the energy sector. We are proud of our achievements — our record of health & safety, our trusted, technically intimate customer relationships. Looking ahead to the exciting potential of clean energy, and the myriad opportunities offered by ongoing advances in artificial intelligence and data science, the future is brighter than ever.

At NDT Global, we believe it is our collective responsibility to safeguard the health and productivity of our communities, and our planet, for future generations. It is on all of us to make the right decisions for growth and prosperity, while working together to protect the environment. That's why NDT Global is constantly pushing the limits of diagnostic technologies. Our unwavering goal is to provide energy-sector asset owners and operators with the best data-driven insights, to inform the smartest actions and ensure optimal outcomes. We call that the Power of Clarity, and it's our promise to you as a partner. When it comes to delivering on our commitment every day, we depend on our dedicated people, on their collaboration and customer focus - propelled by innovation, ingenuity, and purpose.

#### The Power of Clarity.

NDT Global is uniquely positioned to enable business efficiency, growth and profitability. By pushing the boundaries of technology and innovation in collaboration with our customers, we deliver the best, most accurate and most reliable diagnostic data, in order to drive actionable insights that power predictive analysis, long-term risk assessment and optimal asset health. Decision-ready data at your fingertips, for total confidence and ultimate peace of mind. So when it comes to partnering for safety and sustainability, the choice is clear.

#### **Our Science of Precision.**

NDT Global is an expert team, composed of some of the world's most dedicated and skilled engineers, data analysts and project managers, singularly focused on advancing the health of our planet's energy and utilities asset infrastructure. By constantly pushing the boundaries of technology and innovation in collaboration with our customers, we deliver the most highly accurate and ultrareliable inspection data to drive long-term risk assessment and prevention.

Since its founding in 2000, NDT Global has been setting new standards in diagnostic inspection, data analysis and integrity assessment - onshore, offshore, all over the globe. Whatever the application or category of threat, our top-notch engineering, project management and data services teams leverage a state-of-the-art tool fleet to deliver complete inline inspection (ILI) solutions to both gas and liquid energy markets worldwide.

#### **Our Record of Success.**

Whether it's independently verified first-run success and on-time reporting metrics, or Quality, Health & Safety, or Environmental, Social & Governance (ESG) practices, we have continually raised the bar for others to clear. Continuous improvement, customer focus, trust and partnership are the pillars of our success.

NDT Global is part of Previan Technologies, a fast-growing, innovative industrial technology group focused on leveraging advanced diagnostic technologies to enhance the monitoring of our world's infrastructure health. The Group serves asset owners, large engineering firms, and service companies globally in markets such as Aerospace, Civil Infrastructures, Energy, Mining, Power Generation, and Rail. Previan believes that advancing science and technology via sensors, hardware, robotics, and software makes the world safer, more sustainable, and more productive for people, business and nature.

Axial Cracks Circumferent  $\bigcirc$ Metal Loss Geometry Ovalities Mapping A Geohazard

## The Power of Clarity. The Nature of Our Business.

At NDT Global, we envision a safer environment for people, business and nature – for generations to come. That's why our business is focused on a single objective: to provide asset owners and operators with the world's best diagnostic data. We know that arming our customers with the right predictive insights enables them to make optimal decisions for pipeline health and operational efficiency. As your partner, that's our commitment: to deliver the Power of Clarity.







At the same time, as a forward-looking company, our pledge is to do all of this while achieving Beyond Zero Harm. So all our stakeholders have the confidence of knowing they can count on strategic business growth and productivity, together with the peace of mind that comes with informed risk management. After all, that's the "nature" of our business.

## From the Best Data. To the Best Outcomes.

The best outcomes are those that help us all thrive. That's why our common goal is to ensure the safety, integrity and longevity of assets, while maximizing business growth and profitability - because always having the predictive, data-backed insights to take the right actions, with full confidence, is what the Power of Clarity is all about. By providing the most precise diagnostic intelligence, NDT Global enables you to see far into the future, and make the best informed decisions for pipeline health – to better protect our planet's people, communities, and natural ecosystems, for generations to come.

When it comes to collecting the best data intelligence, our ultra-advanced precision tool fleet leverages the most sophisticated technologies to diagnose even the tiniest (sub-millimeter) anomalies, in liquid or gas — combining detection, sizing, and identification for maximum insight and actionability. Even challenging pipeline contexts, such as multiple diameters, heavy wall thickness or deep water applications, are diagnosable to the highest level of probability.

Each deployment is optimized for efficiency — for example, by combining multiple technologies in a single run to significantly reduce downtime, risk and operating costs, or equipping our XPRS<sup>™</sup> Ready-To-Launch Inspection Service, to save weeks of preparation time. Finally, we partner with you to deliver not only critical insights, but also value-added consulting. So whether it's a Standard Data Analysis Report, comprehensive Advanced Diagnostics Insight Services or hands-on access to our proprietary OPTIX<sup>™</sup> Data Visualization and Insights Platform, you will always have the Power of Clarity to take decisions, and affect outcomes.

#### Accountability Our Commitment to Principle.

In keeping with our core values of Accountability, Customer-Centric Collaboration and Technological Innovation (ACT), we at NDT Global are resolved to always ACT on Our Promise. From ensuring the safety, health and wellbeing of our employees, to protecting the environment, to providing our customers with the highest possible level of service quality, we turn our accountabilities into action. We have implemented robust, ISO accredited HSEQ management systems, comprehensive training and audit programs, and maintain a relentless focus on continuous improvement based on best practice, industry, and customer standards. Moreover, since 2019,





we have made a commitment to "Zero Harm" a key part of our corporate Environment, Social & Governance (ESG) objectives. This strategic approach has not only driven our statistics to zero, it has resulted in both improved performance and an enhanced safety culture. And yet, we can always do better — as a company, and a community of global citizens.

That's why, today, we have taken our objectives "Beyond Zero"— with an all-inclusive, holistic HSEQ program designed to engage employees, customers, and suppliers alike. Elevating our accountability from "Zero Harm" to "Beyond Zero" reflects our company's pledge not only to maintaining an industry leading TRIR (Total Recordable Injury Rate), but also to driving ambitious, sustained improvements in our HSEQ performance, elevating employee wellbeing and reducing our carbon footprint towards Net Zero by 2030. These commitments ensure sustainable, long-term benefits for our customers and stakeholders, as well as for the communities where we operate, and that we serve.

### Customer-Centricity Our Belief in Partnership.

At NDT Global, continuous improvement, customer focus, trust, and partnership, are the pillars of our success. That's why we are always striving to deliver exceptional value and surpass expectations. We work collaboratively, with transparency and a passion for excellence, to go above and beyond for every one of our customers. In fact, we take care to adapt and deploy our service delivery, project management and data science resources in line with your business needs, essentially becoming an extension of your team — so your operation need never skip a beat.

We commit to partner with you to solve what were previously thought to be un-solvable challenges, ultimately pushing inline inspection (ILI) technologies to new heights. We give you precise, actionable data driven by cutting-edge technology, together with the right consulting services. So whether it's a Standard Data Analysis Report or comprehensive Advanced Diagnostics Insight Services, you will always have the Power of Clarity, with decision-ready data at your fingertips.



#### Technology and Innovation

### Ambition Without Bounds.

Delivering the most precise and actionable data insights in the world means constantly pushing the boundaries of technology and innovation. Going beyond the limits of conventional thinking, researching new possibilities, and solving seemingly impossible problems — by advancing into the unknown. That's why, at NDT Global, research and development is a cornerstone of our business, and our success. We are committed to finding ever more effective and efficient solutions to meet our customers' needs, today and tomorrow.

Supporting a safe transition to clean hydrogen is just one such example. As a company, we are investing in research teams, expert forums, stakeholder roundtables, and new technologies, to provide operators with viable, secure pipeline inspection solutions into the future.

NDT Global is leading the way into the next quarter-century with further transformational advances, such as an exceptionally accurate crack detection solution for gas pipelines, and a revolutionary geohazard service, among many more market firsts to come.





### Applications Ultra-Advanced Diagnostic Technologies.



For over two decades, NDT Global has been both a leading industry provider, and a thought leader, when it comes to ultra-high-tech diagnostic inspection solutions and advanced data science for asset health. Recognized as a pioneer in ultrasonic inspection technologies — Pulse Echo, Pitch & Catch, Phased Array, and Acoustic Resonance (ART) — we also deliver a range of non-ultrasonic technologies, such as Inertial Measurement, with more under development, including Eddy Current.

We strategically deploy our fleet of high-tech tools to map and diagnose every type of threat circumferential or axial cracks, metal loss, geometry, etc. — across any class of asset, in liquid or gas. We can take on any type of inspection challenge, whether posed by run duration, heavy wall thickness, pipeline pressure, or deep offshore construction, without ever sacrificing accuracy and agility. In addition, we will soon be able to diagnose geohazards and material properties.



#### Diagnostic Tools Ultra-Reliable Inspection Solutions.

Our high-tech systems include NDT Global's proprietary EVO and ART Scan<sup>™</sup> inspection platforms, as well as the new PROTON<sup>™</sup> Series. Whether it's in liquid or gas, we leverage the right precision inspection platforms to diagnose even the tiniest (sub-millimeter) anomalies in a single run to generate the best insights.

With independently verified first-run success rates nearing 94% and a dedicated team of worldclass experts on the job, you can be confident that our inspection projects will stick to the plan — avoiding downtime, cost overruns, and unnecessary digs. But it's our ability to collect millions of data points from multiple technologies simultaneously, to combine and harmonize volumes of diverse information at scale, and present it all back with unparalleled accuracy in a single, comprehensive report that gives you, our partner, the edge when it comes to insights-driven decision-making.



## **XPRS**<sup>™</sup>

#### Be Ready. Stay Ready.

Threats to asset integrity demand a rapid response; waiting weeks or months isn't always an option. That's why we introduced our XPRS Ready-to-Launch Inspection Service. With XPRS, there's no need to compromise data quality for speed of deployment. The technology you need is ready, on site and on demand.

Our fleet of XPRS tools are assembled in a standard range of sizes and configurations, and housed in a network of special facilities. That means, as a pipeline operator, you can count on the very best data, together with superior NDT Global service and 30-day turnaround agility. Even in the most critical and unexpected situations.

### Reporting **Data You Can** Count On.

From the best pipeline inspection technology comes the most precise, reliable data. At NDT Global, we make it our business to surpass customer expectations for data accuracy and reliability. Our data quality guarantee, based on the Pipeline Operators Forum 2016 specifications and requirements for inline inspections and the API STD 1163, is only the beginning. Our tools and systems are designed to exceed industry requirements, to ensure 100% confidence.

We promise complete transparency of customer communication in our inspection projects, even where complex pipeline environments may impose limitations on data collection and analysis. We believe that you should always have the Power of Clarity, which means maintaining full visibility over every step of our process, so as to make the very best-informed decisions about the integrity of your assets.

You can trust that, whatever the pipeline challenge, we will strive to find the optimal diagnostic solution. Our uniquely qualified engineers and analysts interpret the collected data, going far beyond pipeline feature identification to provide high-value diagnostic insights. Our analysts are the best in the business, possessing extensive experience in inline inspection, as well as often dual credentials engineering degrees, together with Level 3 analyst certifications. Our relentless focus on analytic accuracy gives you, our customer, the best databacked insights, complemented by decades of cumulative experience and expert judgment.

#### Analysis **Insights You** Can Action.

Usability, Accuracy, Actionability - the key measures of usefulness in intelligence reporting. NDT Global's Data Analysis Report delivers bestin-class value on all three counts. Our analysts sort through millions of data points to qualify every feature, as well as highlight threats with the greatest potential for harm. Even given the immensity of diagnostic data gathered during ultra-high-tech inspections, our specialized expertise lies in making information outputs clear and manageable for our customers. We do this today with the support of machine learning and deep learning capabilities. Moreover, reports are always tailored to users' specific needs, and provide full access to analytics. Intelligent prioritization, together with thoughtful presentation, ensures immediate actionability and maximum beneficial impact for stakeholders.

But we don't stop there. Our pipeline integrity engineers understand your challenges from an assessment and engineering perspective and provide you with the most accurate integrity recommendations, including comprehensive studies, such as a Fitness For Purpose (FFP) assessment, or proprietary integrity assessment solutions, such as cracks in dents diagnosis, lamination assessment, etc.



Finally, we offer a customized view of each asset, along with insights for maximizing its usable lifetime, and even provide fully bespoke analyses that dig deep into inspection data provided by us and/or third parties. Whatever your specific data analysis needs, our team of consultants is standing by with decades of expertise to share.



## **OPTIX**<sup>TM</sup>

#### See All Ways. Always.

With a typical pipeline inspection yielding massive volumes of information, examining the terabytes of resulting data from a range of different perspectives in real time takes exceptionally powerful visualization tools. Our OPTIX Data Visualization and Insights Platform was designed to do just that.

One of several key advances to emerge from our company's ongoing digitization journey away from paper forms and towards a global unified system architecture, OPTIX is cloud-based, to ensure both enhanced communication and a superior customer experience. As a business intelligence tool and platform for information sharing, it is not limited to a single source of information. OPTIX allows you to view NDT Global reports from virtually any device, with dynamic visualizations on a vast number of potential pivots, making it the best tool to extract maximum value from each inspection project.

The platform serves as a "launch pad" to access any relevant project information, such as field verification results, run comparisons, and more. With zero installation required, OPTIX represents an agile system that will continue to evolve with user requirements. Our current development roadmap includes functionality to manage multiple ILI inspections from different sources, along with powerful integrity management capabilities, and unrestricted cloud storage.

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### **Integrity Services Better Together.**

For over 25 years, Dynamic Risk has revolutionized Dynamic Risk complements the power of its the industry by providing advanced technologyproprietary IRAS software - which proactively models and analyzes threats to determine the enabled solutions and services to support operators' integrity management programs best course of action - with expert risk advisory for safe, efficient, and sustainable pipeline services to support customers with a proactive operations. The merger in 2021 with the Previan approach to integrity management for the health group of companies created strategic partnership of their pipeline asset infrastructure. opportunities with NDT Global to further exceed Working together, our two organizations deliver the needs of our clients across the globe. By the world's most accurate and timely data-driven combining Dynamic Risk's industry-leading information via hardware and software solutions, software and consulting expertise in pipeline in order to enable confident, informed decisionintegrity and risk management with NDT Global's making through the asset's entire lifecycle. exceptionally accurate diagnostic solutions, we are better positioned than ever to help you ensure optimal pipeline reliability and performance.



## People & Culture Investing in Our People.

At NDT Global, we know our success as a company depends on developing our workforce and offering the best opportunities for long-term career advancement. That's why we focus on leveraging the full potential of every employee's unique talents. We're committed to providing employees with world-class project challenges, attractive reward packages, and the flexibility to explore multiple roles and career opportunities. Our goal is to create a diverse, inclusive and highperforming workplace where all individuals feel empowered and respected, where people support and inspire one another.

Ensuring a diverse skillset and fostering ongoing professional growth will enable us to build an engaged and energized workforce, together with a culture of constant innovation that will keep our organization ahead of the curve.

Taking care of our people is about more than just protecting their safety. It's about taking steps to ensure every employee's physical and mental well-being, both in the workplace and beyond. We commit to doing the right thing for all our people. It all comes down to our core values of Accountability, Customer-focused Collaboration, and Technological Innovation: We ACT with Purpose.

As an employer, we embrace our company's brand promise: to promote safe, efficient and profitable business growth in harmony with the natural environment and the communities where we live. That strategy extends further than just Environmental, Social, and Governance (ESG) responsibility — it's a total corporate commitment to going Beyond Zero Harm. Promoting sustainable active community participation at all levels of our organization simply makes sense.







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NDT Global is a Previan Business Unit.

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www.ndt-global.com

